# COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

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

CASE NO. 2017-00321

# FILING REQUIREMENTS

# VOLUME 13

Duke Energy Kentucky, Inc. Case No. 2017-00321					
		Forec	casted Test Period Filing Requirement Table of Contents	ts	
Vol. #	Tab #	Filing Requirement	Sponsoring Witness		
1	1	KRS 278.180	30 days' notice of rates to PSC.	James P. Henning	
1	2	807 KAR 5:001 Section 7(1)	The original and 10 copies of application plus copy for anyone named as interested party.	James P. Henning	
1	3	John L. Sullivan, III			
1	4	807 KAR 5:001 Section 12(2)(i)	Detailed income statement and balance sheet.	David L. Doss	
1	5	807 KAR 5:001 Section 14(1)	Full name, mailing address, and electronic mail address of applicant and reference to the particular provision of law requiring PSC approval.	James P. Henning	

Duke Energy Kentucky, Inc. Case No. 2017-00321 Forecasted Test Period Filing Requirements Table of Contents				
Vol. #	Tab #	Filing Requirement	Description	Sponsoring Witness
1	6	807 KAR 5:001 Section 14(2)	If a corporation, the applicant shall identify in the application the state in which it is incorporated and the date of its incorporation, attest that it is currently in good standing in the state in which it is incorporated, and, if it is not a Kentucky corporation, state if it is authorized to transact business in Kentucky.	James P. Henning
1	7	807 KAR 5:001 Section 14(3)	If a limited liability company, the applicant shall identify in the application the state in which it is organized and the date on which it was organized, attest that it is in good standing in the state in which it is organized, and, if it is not a Kentucky limited liability company, state if it is authorized to transact business in Kentucky.	James P. Henning
1	8	807 KAR 5:001 Section 14(4)	If the applicant is a limited partnership, a certified copy of its limited partnership agreement and all amendments, if any, shall be annexed to the application, or a written statement attesting that its partnership agreement and all amendments have been filed with the commission in a prior proceeding and referencing the case number of the prior proceeding.	James P. Henning
1	9	807 KAR 5:001 Section 16 (1)(b)(1)	Reason adjustment is required.	James P. Henning William Don Wathen, Jr.
1	10	807 KAR 5:001 Section 16 (1)(b)(2)	Certified copy of certificate of assumed name required by KRS 365.015 or statement that certificate not necessary.	James P. Henning
1	11	807 KAR 5:001 Section 16 (1)(b)(3)	New or revised tariff sheets, if applicable in a format that complies with 807 KAR 5:011 with an effective date not less than thirty (30) days from the date the application is filed	Bruce L. Sailers
1	12	807 KAR 5:001 Section 16 (1)(b)(4)	Proposed tariff changes shown by present and proposed tariffs in comparative form or by indicating additions in italics or by underscoring and striking over deletions in current tariff.	Bruce L. Sailers
1	13	807 KAR 5:001 Section 16 (1)(b)(5)	A statement that notice has been given in compliance with Section 17 of this administrative regulation with a copy of the notice.	James P. Henning
1	14	807 KAR 5:001 Section 16(2)	If gross annual revenues exceed \$5,000,000, written notice of intent filed at least 30 days, but not more than 60 days prior to application. Notice shall state whether application will be supported by historical or fully forecasted test period.	James P. Henning
1	15	807 KAR 5:001 Section 16(3)	Notice given pursuant to Section 17 of this administrative regulation shall satisfy the requirements of 807 KAR 5:051, Section 2.	James P. Henning

1	16	807 KAR 5:001	The financial data for the forecasted period shall	Robert H. Pratt
1	10	Section 16(6)(a)	be presented in the form of pro forma adjustments	
			to the base period.	
1	17	807 KAR 5:001	Forecasted adjustments shall be limited to the	Sarah E. Lawler
1		Section 16(6)(b)	twelve (12) months immediately following the	Cynthia S. Lee
			suspension period.	Robert H. Pratt
1	18	807 KAR 5:001	Capitalization and net investment rate base shall	Sarah E. Lawler
1	10	Section 16(6)(c)	be based on a thirteen (13) month average for the	Sarah E. Dawler
			forecasted period.	
1	19	807 KAR 5:001	After an application based on a forecasted test	Robert H. Pratt
1	19	Section $16(6)(d)$	period is filed, there shall be no revisions to the	Robort II. I fatt
	Į		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	
	1		forecast on the date it was filed. There shall be no	
			revisions filed within thirty (30) days of a	
		ĺ	scheduled hearing on the rate application.	
1	20	807 KAR 5:001	The commission may require the utility to prepare	Robert H. Pratt
r	20	Section $16(6)(e)$	an alternative forecast based on a reasonable	
			number of changes in the variables, assumptions,	
		ļ	and other factors used as the basis for the utility's	
	}		forecast.	
1	21	807 KAR 5:001	The utility shall provide a reconciliation of the rate	Sarah E. Lawler
1	21	Section 16(6)(f)	base and capital used to determine its revenue	
	Í		requirements.	
1	22	807 KAR 5:001	Prepared testimony of each witness supporting its	All Witnesses
-	}	Section 16(7)(a)	application including testimony from chief officer	
			in charge of Kentucky operations on the existing	
			programs to achieve improvements in efficiency	
	1		and productivity, including an explanation of the	
			purpose of the program.	
1	23	807 KAR 5:001	Most recent capital construction budget containing	Robert H. Pratt
_		Section 16(7)(b)	at minimum 3 year forecast of construction	Joseph A. Miller
			expenditures.	Anthony J. Platz
1	24	807 KAR 5:001	Complete description, which may be in prefiled	Robert H. Pratt
	[	Section $16(7)(c)$	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.	
1	25	807 KAR 5:001	Annual and monthly budget for the 12 months	Robert H. Pratt
		Section 16(7)(d)	preceding filing date, base period and forecasted	
			period.	· · · · · · · · · · · · · · · · · · ·
1	26	807 KAR 5:001	Attestation signed by utility's chief officer in	James P. Henning
		Section 16(7)(e)	charge of Kentucky operations providing:	
	]		1. That forecast is reasonable, reliable, made in	
	1		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	
		1	included in the forecast.	

	1 27	807 KAR 5:001	For each major construction project constituting	Rohaut II Dratt
	27 807 KAR 5:001 For each major construction project constituting Section 16(7)(f) 5% or more of annual construction budget within 3		Robert H. Pratt	
			year forecast, following information shall be filed:	Joseph A. Miller Anthony J. Platz
			1. Date project began or estimated starting date;	Anthony J. Flatz
ļ	1		2. Estimated completion date;	
			3. Total estimated cost of construction by year	
		1	exclusive and inclusive of Allowance for Funds	
			Used During construction ("AFUDC") or	
	]		Interest During construction Credit; and	
			4. Most recent available total costs incurred	
	1		exclusive and inclusive of AFUDC or Interest	
	Į		During Construction Credit.	
1	28	807 KAR 5:001	For all construction projects constituting less than	Robert H. Pratt
-		Section 16(7)(g)	5% of annual construction budget within 3 year	Joseph A. Miller
	ļ		forecast, file aggregate of information requested in	Anthony J. Platz
	ţ		paragraph (f) 3 and 4 of this subsection.	-
1	29	807 KAR 5:001	Financial forecast for each of 3 forecasted years	Robert H. Pratt
	1	Section 16(7)(h)	included in capital construction budget supported	John Verderame
		1	by underlying assumptions made in projecting	John L. Sullivan, III
	}	}	results of operations and including the following	Benjamin Passty
			information:	
			1. Operating income statement (exclusive of	
			dividends per share or earnings per share);	
			2. Balance sheet;	
	1		3. Statement of cash flows;	
			4. Revenue requirements necessary to support the	
			forecasted rate of return;	
	1		5. Load forecast including energy and demand	
			(electric);	
	ł		<ol> <li>Access line forecast (telephone);</li> <li>Mix of generation (electric);</li> </ol>	
			8. Mix of gas supply (gas);	
	]		9. Employee level;	
	ł		10.Labor cost changes;	
			11.Capital structure requirements;	
	Į		12.Rate base;	
			13.Gallons of water projected to be sold (water);	
			14.Customer forecast (gas, water);	
			15.MCF sales forecasts (gas);	
	l	{	16.Toll and access forecast of number of calls and	
			number of minutes (telephone); and	
			17.A detailed explanation of any other information	
			provided.	
1	30	807 KAR 5:001	Most recent FERC or FCC audit reports.	David L. Doss
		Section 16(7)(i)		
2	31	807 KAR 5:001	Prospectuses of most recent stock or bond	John L. Sullivan, III
		Section 16(7)(j)	offerings.	
2	32	807 KAR 5:001	Most recent FERC Form 1 (electric), FERC Form	David L. Doss
		Section $16(7)(k)$	2 (gas), or PSC Form T (telephone).	
3-4	33	807 KAR 5:001	Annual report to shareholders or members and	John L. Sullivan, III
		Section 16(7)(l)	statistical supplements for the most recent 2 years	
		0001240 5 001	prior to application filing date.	
5	34	807 KAR 5:001	Current chart of accounts if more detailed than	David L. Doss
	25	Section $16(7)(m)$	Uniform System of Accounts charts.	Devilt
5	35	807 KAR 5:001	Latest 12 months of the monthly managerial	David L. Doss
		Section 16(7)(n)	reports providing financial results of operations in	
	L	L	comparison to forecast.	

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5	36	807 KAR 5:001	Complete monthly budget variance reports, with	David L. Doss
		Section 16(7)(0)	narrative explanations, for the 12 months prior to base period, each month of base period, and	Robert H. Pratt
	ļ		subsequent months, as available.	
6-8	37	807 KAR 5:001 Section 16(7)(p)	SEC's annual report for most recent 2 years, Form 10-Ks and any Form 8-Ks issued during prior 2 years and any Form 10-Qs issued during past 6 quarters.	David L. Doss
9	38	807 KAR 5:001 Section 16(7)(q)	Independent auditor's annual opinion report, with any written communication which indicates the existence of a material weakness in internal controls.	David L. Doss
9	39	807 KAR 5:001 Section 16(7)(r)	Quarterly reports to the stockholders for the most recent 5 quarters.	John L. Sullivan
9	40	807 KAR 5:001 Section 16(7)(s)	Summary of latest depreciation study with schedules itemized by major plant accounts, except that telecommunications utilities adopting PSC's average depreciation rates shall identify current and base period depreciation rates used by major plant accounts. If information has been filed in another PSC case, refer to that case's number and style.	John J. Spanos
9	41	807 KAR 5:001 Section 16(7)(t)	List all commercial or in-house computer software, programs, and models used to develop schedules and work papers associated with application. Include each software, program, or model; its use; identify the supplier of each; briefly describe software, program, or model; specifications for computer hardware and operating system required to run program	Sarah E. Lawler
9	42	807 KAR 5:001 Section 16(7)(u)	<ul> <li>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: <ol> <li>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;</li> <li>method and amounts allocated during base period and method and estimated amounts to be allocated during forecasted test period;</li> <li>Explain how allocator for both base and forecasted test period was determined; and</li> <li>All facts relied upon, including other regulatory approval, to demonstrate that each amount charged, allocated or paid during base period is reasonable.</li> </ol> </li> </ul>	Jeffrey R. Setser
10	43	807 KAR 5:001 Section 16(7)(v)	If gas, electric or water utility with annual gross revenues greater than \$5,000,000, cost of service study based on methodology generally accepted in industry and based on current and reliable data from single time period.	James E. Ziolkowski

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11	44	807 KAR 5:001	Local exchange carriers with fewer than 50,000	N/A
		Section 16(7)(w)	access lines need not file cost of service studies,	
			except as specifically directed by PSC. Local	
			exchange carriers with more than 50,000 access	·
1			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	
	1		single time period; and	
	1		b. Using generally recognized fully	
			allocated, embedded, or incremental cost	
			principles.	
11	45	807 KAR 5:001	Jurisdictional financial summary for both base and	Sarah E. Lawler
11	45		forecasted periods detailing how utility derived	Sarah E. Lawler
		Section 16(8)(a)	amount of requested revenue increase.	
11	1	807 KAR 5:001		Sarah E. Lawler
11	46		Jurisdictional rate base summary for both base and	
	1	Section 16(8)(b)	forecasted periods with supporting schedules	Cynthia S. Lee
			which include detailed analyses of each	Robert H. Pratt
			component of the rate base.	Lisa M. Belluci
				James E. Ziolkowski
<u> </u>	1	007 KAD 5:001	Typicalistic nol compting in some second second second	David L. Doss
11	47	807 KAR 5:001	Jurisdictional operating income summary for both	Sarah E. Lawler
		Section $16(8)(c)$	base and forecasted periods with supporting	
			schedules which provide breakdowns by major	
		007 K 4 D 6 001	account group and by individual account.	
11	48	807 KAR 5:001	Summary of jurisdictional adjustments to	Sarah E. Lawler
		Section 16(8)(d)	operating income by major account with	Cynthia S. Lee
			supporting schedules for individual adjustments	Robert H. Pratt
		007 V 1D 5-001	and jurisdictional factors.	James E. Ziolkowski
11	49	807 KAR 5:001	Jurisdictional federal and state income tax	Lisa M. Bellucci
		Section $16(8)(e)$	summary for both base and forecasted periods with	
			all supporting schedules of the various components	
		000 17 4 5 5 001	of jurisdictional income taxes.	
11	50	807 KAR 5:001	Summary schedules for both base and forecasted	Sarah E. Lawler
	ĺ	Section 16(8)(f)	periods (utility may also provide summary	
			segregating items it proposes to recover in rates) of	
	1		organization membership dues; initiation fees;	
	ĺ		expenditures for country club; charitable	
			contributions; marketing, sales, and advertising;	
	ļ		professional services; civic and political activities;	
	l	1	employee parties and outings; employee gifts; and	
	<b>_</b>		rate cases.	
11	51	807 KAR 5:001	Analyses of payroll costs including schedules for	Sarah E. Lawler
	1	Section 16(8)(g)	wages and salaries, employee benefits, payroll	Tom Silinski
	ſ	}	taxes, straight time and overtime hours, and	
			executive compensation by title.	
11	52	807 KAR 5:001	Computation of gross revenue conversion factor	Sarah E. Lawler
		Section 16(8)(h)	for forecasted period.	
11	53	807 KAR 5:001	Comparative income statements (exclusive of	David L. Doss
		Section 16(8)(i)	dividends per share or earnings per share), revenue	Robert H. Pratt
			statistics and sales statistics for 5 calendar years	
			prior to application filing date, base period,	
	ł		forecasted period, and 2 calendar years beyond	
			1 Inconstoa perioa, ana z catendar vedis bevona	

11	54	807 KAR 5:001 Section 16(8)(j)	Cost of capital summary for both base and forecasted periods with supporting schedules providing details on each component of the capital structure.	John L. Sullivan, III
11	55	807 KAR 5:001 Section 16(8)(k)	Comparative financial data and earnings measures for the 10 most recent calendar years, base period, and forecast period.	Cynthia S. Lee Robert H. Pratt John L. Sullivan David L. Doss
11	56	807 KAR 5:001 Section 16(8)(1)	Narrative description and explanation of all proposed tariff changes.	Bruce L. Sailers
11	57	807 KAR 5:001 Section 16(8)(m)	Revenue summary for both base and forecasted periods with supporting schedules which provide detailed billing analyses for all customer classes.	Bruce L. Sailers
11	58	807 KAR 5:001 Section 16(8)(n)	Typical bill comparison under present and proposed rates for all customer classes.	Bruce L. Sailers
11	59	807 KAR 5:001 Section 16(10)	Request for waivers from the requirements of this section shall include the specific reasons for the request. The commission shall grant the request upon good cause shown by the utility.	Legal
11	60	807 KAR 5:001 Section (17)(1)	<ul> <li>(1) Public postings.</li> <li>(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.</li> <li>(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: <ol> <li>A copy of the public notice; and</li> <li>A hyperlink to the location on the commission's Web site where the case documents are available.</li> <li>(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.</li> </ol> </li> </ul>	James P. Henning

11	61	807 KAR 5:001	(2) Customer Notice.	James P. Henning
11		Section 17(2)	(a) If a utility has twenty (20) or fewer	
	ļ		customers, the utility shall mail a written notice to	
			each customer no later than the date on which the	
	1		application is submitted to the commission.	
	1		(b) If a utility has more than twenty (20)	
			customers, it shall provide notice by:	
	}		1. Including notice with customer bills mailed	
			no later than the date the application is submitted	
	ļ		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)	
I	ſ	r I	consecutive weeks in a prominent manner in a	
			newspaper of general circulation in the utility's	
i	ł	l	service area, the first publication to be made no	
			later than the date the application is submitted to	
		ļ	the commission; or	
I	(		4. Publishing notice in a trade publication or	
			newsletter delivered to all customers no later than	
	1		the date the application is submitted to the	
I	l		commission.	
i			(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.	
11	62	807 KAR 5:001	(3) Proof of Notice. A utility shall file with the	James P. Henning
		Section 17(3)	commission no later than forty-five (45) days from	
			the date the application was initially submitted to	
			the commission:	
			(a) If notice is mailed to its customers, an	
	l		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	
	l		the mailing;	
			(b) If notice is published in a newspaper of	
			general circulation in the utility's service area, an	
1			affidavit from the publisher verifying the contents	
			of the notice, that the notice was published, and	
	Į		the dates of the notice's publication; or	
			(c) If notice is published in a trade publication	
	]		or newsletter delivered to all customers, an	
i	1		affidavit from an authorized representative of the	
			utility verifying the contents of the notice, the	
			mailing of the trade publication or newsletter, that	
	1	l.	notice was included in the publication or	
		1	newsletter, and the date of mailing.	

	<u> </u>	007 KAD 5-001	(4) Nation Contant Each action incord in accordance	Bruce L. Sailers
11	63	807 KAR 5:001 Section 17(4)	(4) Notice Content. Each notice issued in accordance with this section shall contain:	Bruce L. Sallers
			(a) The proposed effective date and the date the	
			proposed rates are expected to be filed with the	
}	}		commission;	
ļļ			(b) The present rates and proposed rates for each	
			customer classification to which the proposed rates will apply;	
ļ			(c) The amount of the change requested in both	
		}	dollar amounts and percentage change for each	
			customer classification to which the proposed rates	ļ
			will apply;	
1 1			(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;	
			(c) A statement that a person may examine this	
			application at the offices of (utility name) located at (utility address);	
			(f) A statement that a person may examine this	
			application at the commission's offices located at 211	
			Sower Boulevard, Frankfort, Kentucky, Monday	ĺ
			through Friday, 8:00 a.m. to 4:30 p.m., or through the	
			commission's Web site at http://psc.ky.gov;	-
			(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;	
			(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;	
			(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	
] ]			(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	1
			notice, the commission may take final action on the	
11	64	807 KAR 5:001	application. (5) Abbreviated form of notice. Upon written	
11	04	Section 17(5)	request, the commission may grant a utility	
		500000 17(5)	permission to use an abbreviated form of	
	-		published notice of the proposed rates, provided	
ļ			the notice includes a coupon that may be used to	
			obtain all the required information.	
12	-	807 KAR 5:001	Schedule Book (Schedules A-K)	Various
4 I		Section 16(8)(a)		
	<u></u>	through (k)	Pakadula Dagle (Cakadulas I. NV	Device I Ocilera
13	-	807 KAR 5:001	Schedule Book (Schedules L-N)	Bruce L. Sailers
} }	1	Section 16(8)(l) through (n)		
L	L.			

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

Before

KENTUCKY PUBLIC SERVICE COMMISSION

ELECTRIC CASE NO. 2017-00321

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

# SCHEDULES L - N

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Before

KENTUCKY PUBLIC SERVICE COMMISSION

ELECTRIC CASE NO. 2017-00321

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

SECTION L

# SECTION L

# RATES AND TARIFFS

# DUKE ENERGY KENTUCKY

# Base Period: Twelve Months Ended November 30, 2017

Forecasted Period: Twelve Months Ended March 31, 2019

# **Schedules**

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

DATA: 12 MONTHS ESTIMATED						SCHEDULE L
TYPE OF FILING: X ORIGINAL	UPDATED	_REVISED	PAGE _	1	OF	15
WORK PAPER REFERENCE NO(S):	See Data Refe	erence	WITNESS	SRES	PONSIE	BLE: B <u>. Sailers</u>

# **GENERAL STATEMENT OF PROPOSAL**

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

# FORMAT DESCRIPTION:

RA	TE IDENTIFIER: Name of Rat	e/Regulation C	Change	TYPE: Rate Ty	pe Detail
	사람은 사람은 가격을 다 가지 않는 것이 있는 것이다. 같이 가지 않는 것이 같은 것이 한 것이 같이 가 많아?				(Change Identifiers)
	Explanation of Proposal:				

Short description of the change(s).

Rationale:

Additional detail on the change(s).

Location Reference:

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

#### RATE IDENTIFIER: Service Regulations

TYPE: Section V – Metering (T)

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

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

# RATE IDENTIFIER: Service Regulations

# TYPE: Section VI – Billing and Payment,

**(T)** 

#### Explanation of Proposal:

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

#### Rationale:

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

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

#### Location Reference:

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

# RATE IDENTIFIER: Appendix ATYPE: Example Bill(T)Explanation of Proposal:(T)

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

#### Rationale:

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

#### Location Reference:

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

# RATE IDENTIFIER: Rate RS, Residential Service TYPE: Domestic; Flat (D,I,N,T)

#### Explanation of Proposal:

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

#### Rationale:

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

# Location Reference:

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

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

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

#### Explanation of Proposal:

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

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#### Rationale:

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

#### Location Reference:

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

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

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

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

#### RATE IDENTIFIER: Rate EH, Optional Rate for Electric Space Heating

TYPE: Seasonal; Flat (D,I,N,T)

#### Explanation of Proposal:

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

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

#### Rationale:

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

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

#### Location Reference:

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

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

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

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

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

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

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

#### RATE IDENTIFIER: Rate DP, Service at Primary Distribution Voltage

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

Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

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

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

#### Explanation of Proposal:

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

#### Rationale:

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

(I,T)

#### Location Reference:

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

# RATE IDENTIFIER: Rider GSS, Generation Support TYPE: Demand Rider Service Rider

#### 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:

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

#### RATE IDENTIFIER: Rate RTP-M

TYPE: Real Time Pricing (D,T)

Explanation of Proposal:

This tariff is cancelled and withdrawn.

#### Rationale:

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

#### Location Reference:

(1) Sheet No. 59, All Pages

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

#### Explanation of Proposal:

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

#### Rationale:

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

# Location Reference:

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

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

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

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

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# RATE IDENTIFIER: Rate UOLS, Unmetered Outdoor TYPE: Flat Rate (D,I,N,T) Lighting Electric Service

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

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

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

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

(1) Sheet No. 64, All Pages

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

#### Explanation of Proposal:

This rate is cancelled and withdrawn.

#### Rationale:

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

#### Location Reference:

(1) Sheet No. 65, All Pages

DATA: 12 MONTHS ESTIMATED						SCHEDULE L
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# RATE IDENTIFIER: Rate NSU, Street Lighting TYPE: Flat Rate (D,I,N,T) Service for Non-Standard Units

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

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

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

#### Explanation of Proposal:

This rate is cancelled and withdrawn.

#### Rationale:

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

#### Location Reference:

(1) Sheet No. 67, All Pages

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

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

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

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

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

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

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

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

(1) Sheet No. 73, Page All Pages

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

#### Explanation of Proposal:

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

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#### Rationale:

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

#### Location Reference:

(1) Sheet No. 76, Page All Pages

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

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

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

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

#### Explanation of Proposal:

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

#### Rationale:

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

# Location Reference:

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

# RATE IDENTIFIER: Charge for Reconnection of Service

TYPE: Service Regulations, Section I, Company's Right to Cancel Service Agreement or to Suspend Service (I,N,T)

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#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

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

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

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

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

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

TYPE: Cogeneration Rate (R,N,T)

#### Explanation of Proposal:

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

#### Rationale:

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

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#### Location Reference:

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

#### RATE IDENTIFIER: Cogeneration and Small Power Production Sale and Purchase Greater Than 100 kW

TYPE: Cogeneration Rate (N,T)

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

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

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

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

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

# RATE IDENTIFIER: Rate UDP-G, General Underground TYPE: Flat Rate Distribution Policy

(T)

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

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

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

# Explanation of Proposal:

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

# Rationale:

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

# Location Reference:

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

# RATE IDENTIFIER: Rate RTP

# TYPE: Real Time Pricing (I,T)

# Explanation of Proposal:

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

# Rationale:

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

# Location Reference:

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

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

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

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

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

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

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

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

#### Explanation of Proposal:

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

#### Rationale:

DATA: 12 MONTHS ESTIMATED					s	CHEDULE L
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As more fully explained in Witness William Don Wathan, Jr. testimony, Duke Energy Kentucky is proposing to implement a discrete cost adjustment mechanism, Rider DCI, the Distribution Capital Investment rider. This rider would recover the ongoing incremental capital investments for specific Commission-approved distribution modernization and reliability maintenance or improvement programs.

#### Location Reference:

(1) Sheet No. 125, All Pages

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

#### Explanation of Proposal:

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

#### Rationale:

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

#### Location Reference:

(1) Sneet No. 126, All Pages

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

Issued: September 1, 2017

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20	Service Regulations	Set of rules and regulations of the Company for providing electric service as approved by the Kentucky Public Service Commission.
30	Residential Service	Tariffs available to residential customers unless the customer is provided three phase service.
40	Distribution Voltage Service	Tariffs available, principally, to non-residential customers receiving service at 34,500 volts or lower; available to residential customers who request either three phase service or a second point of service.
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 a public or private nature.
70	Optional Riders	Riders necessary to determine total amount of monthly bill to customers under special circumstances.
80	Fuel Riders	Riders necessary to determine total amount of monthly bill to all customers receiving electric service.
90	Miscellaneous	Miscellaneous periodic charges not reflected in standard service tariffs.

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

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

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Effective: October 1, 2017

#### Schedule L-1 Page 2 of 148 Witness Responsible: Bruce Sailers

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Duke Energy Kentucky, Inc.	Cancels and Supersedes	
4580 Olympic Blvd.	Sixty-Fifth Revised Sheet No. 10	(T)
Erlanger, Kentucky 41018	Page 1 of 4	

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Rate SL, Street Lighting Service	60	10/01/17	(T)
Rate TL, Traffic Lighting Service.	61	10/01/17	( <u>T</u> )
Rate UOLS, Unmetered Outdoor Lighting	62	10/01/17	(T)
Rate OL-E, Outdoor Lighting Equipment Installation	63	01/02/07	
Rate LED, Outdoor LED Lighting Service	64	10/01/17	(N)
Reserved for Future Use	65		(T)
Rate NSU, Street Lighting Service for Non-Standard Units	66	10/01/17	(T)
Reserved for Future Use	67		(T)
Rate SC, Street Lighting Service – Customer Owned	68	10/01/17	(T)
Rate SE, Street Lighting Service - Overhead Equivalent	69	10/01/17	(T)
			(*)

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

	Sheet No.	Effective Date	
TARIFF RIDERS			
Rider PPS, Premier Power Service	70	03/07/16	
Rider TS, Temporary Service	71	01/02/07	
Rider X, Line Extension	72	01/02/07	
Rider LM, Load Management Rider	73	10/01/17	(T)
Rider AMO, Advanced Meter Opt-out - Residential	74	08/01/17	(1)
Rider DSM, Demand Side Management Cost Recovery Program	75	01/02/07	
Rider ESM, Environmental Surcharge Mechanism	76	10/01/17	(N)
	70	10/01/17	()
Rider PLM, Peak Load Management Program	77	01/02/07	
Rider DSMR, Demand Side Management Rate	78	06/26/17	
Rider BDP, Backup Delivery Point Capacity Rider	79	01/02/07	
FUEL RIDERS			
Rider FAC, Fuel Adjustment Clause	80	10/01/17	(T)
Reserved for Future Use	81		
Rider PSM, Off-System Sales Profit Sharing Mechanism	82	10/01/17	(T)
Reserved for Future Use	83		
Reserved for Future Use	84		
Rider BR, Brownfield Redevelopment Rider	85	01/02/07	
Rider DIR, Development Incentive Rider	86	01/02/07	
Reserved for Future Use	87		
Rider GP, Green Power Rider	88	03/03/10	
Rider NM, Net Metering Rider	89	05/03/09	
- -			
MISCELLANEOUS			
Bad Check Charge	90	01/02/07	
Charge for Reconnection of Service	91	10/01/17	(T)
Rate DPA, Distribution Pole Attachments	92	10/01/17	(T)
Cogeneration and Small Power Production Sale and			(T)
Purchase – 100 kW or Less	93	10/01/17	(T)
Cogeneration And Small Power Production Sale and			(T)
Purchase – Greater Than 100 kW	94	10/01/17	(T)
Local Franchise Fee	95	01/02/07	
Rate UDP-R, Underground Residential Distribution Policy	96	10/01/17	(T)
Rate UDP-G, General Underground Distribution Policy	97	10/01/17	(T)
Electricity Emergency Procedures for Long Term Fuel			(T)
Shortages	98	10/01/17	(T)
Rate RTP, Real Time Pricing Program	99	10/01/17	(T)
Emergency Electric Procedures	100	10/01/17	(T)
Rate MDC, Meter Data Charges	101	10/01/17	(T)
Residential Comprehensive Energy Education Program (NEED)	103	04/30/12	(1)
Residential Smart Saver	104	04/30/12	
Residential Conservation and Energy Education	106	04/30/12	
Residential Direct Load Control - Power Manager Program	108	04/30/12	
Residential Home Energy House Call	109	04/30/12	
Energy Star Products	110	04/30/12	
CI High Efficiency Incentive	113	04/30/12	
• .			
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Energy Efficiency Website Personalized Energy Report	114 115	04/30/12 04/30/12	
Smart Saver Custom Program Payment Plus Rider DCI, Distribution Capital Investment Rider Rider FTR, FERC Transmission Reconciliation Rider	116 117 125 126	04/30/12 04/30/12 10/01/17 10/01/17	(N) (N)

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#### INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED

#### COMMUNITIES SERVED:

Alexandria Bellevue Boone County Bromley

Campbell County Cold Spring Covington

Crescent Park Crescent Springs Crestview Crestview Hills

Crittenden Dayton Dry Ridge Edgewood

Elsmere Erlanger Fairview Florence Fort Mitchell Fort Thomas Fort Wright Grant County Highland Heights Independence Kenton County Kenton Vale

Lakeside Park Latonia Lakes Ludlow

Melbourne Newport Park Hills Pendleton County

Ryland Heights Silver Grove Southgate Taylor Mill

Union Villa Hills Walton Wilder

Woodlawn

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#### SERVICE REGULATIONS

#### SECTION I - SERVICE AGREEMENTS

#### 1. Application for Service.

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

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

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

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

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

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

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

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

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

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

### 4. Connection of Service.

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

### 5. Change of Address to Customer.

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

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

## 6. Successors and Assigns.

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

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# SECTION II - SUPPLYING AND TAKING OF SERVICE

# 1. Supplying of Service.

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

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

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

## 2. Information Relative to Service.

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

#### 3. Continuity of Service.

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

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

# 4. Suspension of Service for Repairs and Changes.

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

## 5. Use of Service.

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

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

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

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

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

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

# 6. Customer's Responsibility.

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

# 7. Right-of-Way.

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

# 8. Access to Premises.

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

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

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

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# SECTION III - CUSTOMER'S INSTALLATIONS

# 1. Nature and Use of Installation.

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

# 2. Low Power Factor Equipment Installation.

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

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

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

# 3. Special Power Apparatus.

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

## 4. Changes in Installations.

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

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# SECTION IV - COMPANY'S INSTALLATION

# 1. Installation and Maintenance.

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

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

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

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

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

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

## 3. Relocation of Facilities

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

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

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2017-00321.	()

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Effective: October 1, 2017

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Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018 KY.P.S.C. Electric No. 2Second Revised Sheet No. 24Cancels and SupersedesFirst Revised Sheet No. 24Page 1 of 1

# 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:

- 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 James P. Henning, President

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### SECTION VI - BILLING AND PAYMENT

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

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

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

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

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

#### 2. Information on Customer Bills.

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

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

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

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

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

#### 4. Temporary Discontinuance of Service.

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

#### 5. Selection of Rate Schedule.

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

#### 6. Change to Optional Rate Schedule.

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

#### 7. Availability of Budget Billing and Fixed Bill.

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

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

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(T) (T)

Issued by James P. Henning, President

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

If the customer fails to pay bills as rendered under the Budget Payment Plan or Fixed Bill rate schedule, (T) 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.

### 8. Partial payment Plans.

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

### 9. Bill Format.

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

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# **SECTION VII - DEPOSITS**

## 1. Deposits.

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

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

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

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

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

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

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# SECTION VII - DEPOSITS (Contd.)

# 2. All Calculated Deposits.

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

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## SECTION VIII - APPLICATION

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

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

# 2. Agents Cannot Modify Agreement.

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

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#### RATE RS

## RESIDENTIAL SERVICE

# APPLICABILITY

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

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

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

### TYPE OF SERVICE

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

#### NET MONTHLY BILL

Computed in accordance with the following charges:

1.	Base Rate (a) Customer Charge (b) Energy Charge	\$11.22 pe	er month (I)
	All kilowatt hours	\$0.083908 pe	erkWh (I)
:	<ol> <li>Applicable Riders         The following riders are applicable pursuant to th Sheet No. 76, Rider ESM, Environmental Surcha Sheet No. 78, Rider DSMR, Demand Side Manag Sheet No. 80, Rider FAC, Fuel Adjustment Claus Sheet No. 82, Rider PSM, Profit Sharing Mechan     </li> </ol>	rge Mechanism Rider gement Rider e	thin each rider: (N)
	Sheet No. 125, Rider DCI, Distribution Capital In Sheet No. 126, Rider FTR, FERC Transmission (	estment Rider	(N) (N)

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

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### LATE PAYMENT CHARGE

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

# TERMS AND CONDITIONS

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

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

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### RATE DS

#### SERVICE AT SECONDARY DISTRIBUTION VOLTAGE

#### APPLICABILITY

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

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

#### TYPE OF SERVICE

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

#### NET MONTHLY BILL

Computed in accordance with the following charges provided, however, that the maximum monthly rate, excluding the customer charge, and all applicable riders, shall not exceed \$0.271528 per kilowatt-hour (I) (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 Three Phase Service	\$ 17.14 \$ 34.28	per month per month	(I) (I)
(b)	Demand Charge First 15 kilowatts Additional kilowatts	\$ 0.00 \$ 8.73	per kW per kW	(I)
(c)	Energy Charge First 6,000 kWh Next 300 kWh/kW Additional kWh	•	7 per kWh 5 per kWh 4 per kWh	(I) (I) (I)

### 2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within eac	h rider:
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider	(N)
Sheet No. 78, Rider DSMR, Demand Side Management Rider	(11)
Sheet No. 80, Rider FAC, Fuel Adjustment Clause	
Sheet No. 82, Rider PSM, Profit Sharing Mechanism	
Sheet No. 125, Rider DCI, Distribution Capital Investment Rider)	(N)
Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider	(N)
	(- )

The minimum charge shall be the Customer Charge shown above. For customers receiving service under the provisions of former Rate C, Optional Rate for Churches, as of June 25, 1981, the maximum monthly rate per kilowatt-hour shall not exceed \$0.166694 per kilowatt (1)

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NET MONTHLY BILL (Cont'd)

hour plus all applicable riders.

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

#### METERING

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

#### DEMAND

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

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

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

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

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

#### POWER FACTOR ADJUSTMENT

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

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

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

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### POWER FACTOR ADJUSTMENT (Cont'd)

#### b. Testing

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

#### LATE PAYMENT CHARGE

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

#### TERMS AND CONDITIONS

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

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

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

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

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

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# RATE DT

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

### APPLICABILITY

Duke Energy Kentucky, Inc.

4580 Olympic Blvd. Erlanger, Kentucky 41018

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 kilowatthours are abbreviated as kWh):

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

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### 2. Applicable Riders

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

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

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

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

## RATING PERIODS

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

a) On Peak Period

Summer - 11 a.m. to 8 p.m. Monday through Friday, excluding holidays. Winter - 9 a.m. to 2 p.m. and 5 p.m. to 9 p.m., Monday through Friday, excluding holidays.

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

## METERING

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

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

First 1,000 kW of On Peak billing demand at \$0.73	per kW.
Additional kW of On Peak billing demand at \$0.56	per kW.
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### DEMAND

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

### POWER FACTOR ADJUSTMENT

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

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

### LATE PAYMENT CHARGE

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

### TERMS AND CONDITIONS

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

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

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

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

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

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

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

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

 Eighth Revised Sheet No. 42

 Duke Energy Kentucky, Inc.

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Schedule L-1

# 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 (T) 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 Three Phase Service Primary Voltage Service	<ul><li>\$ 17.14 per month</li><li>\$ 34.28 per month</li><li>\$ 118.78 per month</li></ul>	(I) (I) (I)
(b) Energy Charge All kWh	\$0.069947 per kWh	(I)
<ol> <li>Applicable Riders         The following riders are applicable pursuant to th Sheet No. 76, Rider ESM, Environmental Surcha Sheet No. 78, Rider DSMR, Demand Side Manage     </li> </ol>	rge Mechanism Rider	(N)

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

Sheet No. 125, Rider DCI, Distribution Capital Investment Rider
(N)
Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider
(N)

(T)

The minimum charge shall be the Customer Charge stated above.

## **NET MONTHLY BILL (Contd.)**

Issued by James P. Henning, President

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

 Issued:September 1, 2017
 (T)

 Effective: October 1, 2017
 (T)

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	•	
	KY.P.S.C. Electric No. 2	
	Eighth Revised Sheet No. 42	(T)
Duke Energy Kentucky, Inc.	Cancels and Supersedes	
4580 Olympic Blvd.	Seventh Revised Sheet No. 42	(T)
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B. Summer Billing Period

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

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

### DEMAND

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

## LATE PAYMENT CHARGE

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

# TERMS AND CONDITIONS

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

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

(T)

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

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

Schedule L-1

## RATE SP

### SEASONAL SPORTS SERVICE

### APPLICABILITY

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

### TYPE OF SERVICE

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

### NET MONTHLY BILL

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

<ol> <li>Base Rate         <ul> <li>(a) Customer Charge</li> </ul> </li> </ol>	\$17.14 per month	(I)
(b) Energy Charge	\$0.106568 per kWh	(I)

2. Applicable Riders

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

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

#### RECONNECTION CHARGE

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

## LATE PAYMENT CHARGE

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

 Issued by authority of an Order of the Kentucky Public Service

 Commission dated
 , 2017 in Case No. 2017-00321.

 Issued: September 1, 2017
 (T)

 Effective: October 1, 2017
 (T)

 Issued by James P. Henning, President
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4580 Olympic Blvd.	Seventh Revised Sheet No. 43	(T)
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#### TERMS AND CONDITIONS

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

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

Issued by authority of an Order of the Kentucky Public Service	
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# RATE GS-FL

# OPTIONAL UNMETERED GENERAL SERVICE RATE FOR SMALL FIXED LOADS

## APPLICABILITY

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

# TYPE OF SERVICE

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

# NET MONTHLY BILL

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

1.	Base Rate (a) For loads based on a range of 540 to 720 hours use per month of the rated capacity of the		
	connected equipment	\$0.092698 per kWh	(I)
	(b) For loads of less than 540 hours use per month of the rated capacity of the connected equipment	\$0.106767 per kWh	(I)
2.	Applicable Riders The following riders are applicable pursuant to the specific	terms contained within each rider:	
	Sheet No. 76, Rider ESM, Environmental Surcharge Mec Sheet No. 78, Rider DSMR, Demand Side Management F Sheet No. 80, Rider FAC, Fuel Adjustment Clause Sheet No. 82, Rider PSM, Profit Sharing Mechanism		(N)
	Sheet No. 125, Rider DCI, Distribution Capital Investmen Sheet No. 126, Rider FTR, FERC Transmission Cost Re		(N) (N)
	Minimum: \$3.14 per Fixed Load Location per month.		(I)

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

Issued: September 1, 2017	(T)
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# LATE PAYMENT CHARGE

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

# SERVICE PROVISIONS

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

# TERM OF SERVICE

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

# SERVICE REGULATIONS

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

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(T)

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

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Schedule L-1

### RATE DP SERVICE AT PRIMARY DISTRIBUTION VOLTAGE

#### APPLICABILITY

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

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

#### TYPE OF SERVICE

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

#### NET MONTHLY BILL

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

### 1. Base Rate

(a)	Customer Charge Primary Voltage Service (12.5 or 34.5 kV)	\$	118.78	per month	(I)
(b)	Demand Charge All kilowatts	\$	8.40	per kW	(1)
(C)	Energy Charge First 300 kWh/kW Additional kWh	•	060595 051267	per kWh per kWh	(I) (I)
	able Riders The following riders are applicable pursuant to the speci	fic terms cont	ained with	in each rider:	

2. AI

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

(T)

(T)

(T)

The minimum charge shall be the Customer Charge shown above.

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

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# PRIMARY VOLTAGE METERING DISCOUNT

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

### DEMAND

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

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

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

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

#### POWER FACTOR ADJUSTMENT

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

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

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

## b. Testing

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

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

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### LATE PAYMENT CHARGE

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

#### TERMS AND CONDITIONS

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

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

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

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

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

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

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

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

(T)

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# RATE TT

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

### APPLICABILITY

Duke Energy Kentucky, Inc.

4580 Olympic Blvd. Erlanger, KY 41018

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

1.

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

B	Base Rate				
	(a) Customer Charge	\$ 500.00	per n	ìonth	
	(b) Demand Charge				
	Summer				
	On Peak kW	\$ 8.46	per k	Ŵ	(I)
	Off Peak kW	\$ 1.28	per k	Ŵ	(I)
	Winter				(-)
	On Peak kW	\$ 6.95	per k	Ŵ	(I)
	Off Peak kW	\$ 1.28	per k		(I)
	(c) Energy Charge				
	Summer				
	On Peak kWh	\$ 0.054	454	per kWh	(N)
	Off Peak kW h	\$ 0.044	594	per kWh	(N)
	Winter				(- )
	On Peak kWh	\$ 0.051	983	per kWh	(N)
	Off Peak kWh	\$ 0.044	594	per kWh	(N)

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# NET MONTHLY BILL (Contd.)

2.	Applicable Riders	
	The following riders are applicable pursuant to the specific terms contained within each rider:	
	Sheet No. 76, Rider ESM, Econmic Surcharge Mechanism Rider	(N)
	Sheet No. 78, Rider DSMR, Demand Side Management Rider	(1)
	Sheet No. 80, Rider FAC, Fuel Adjustment Clause	
	Sheet No. 82, Rider PSM, Profit Sharing Mechanism	
	Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider	(N)

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

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

# RATING PERIODS

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

a) On Peak Period

Summer - 11 a.m. to 8 p.m. Monday through Friday, excluding holidays. Winter - 9 a.m. to 2 p.m. and 5 p.m. to 9 p.m., Monday through Friday, excluding holidays.

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

# METERING

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

## DEMAND

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

## POWER FACTOR ADJUSTMENT

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

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

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

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

## LATE PAYMENT CHARGE

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

#### TERMS AND CONDITIONS

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

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

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

If the Company offers to provide the necessary facilities for transmission voltage, in accordance with its Service Regulations, an annual facilities charge, applicable to such additional facilities, is established at twenty (20) percent of actual cost. The annual facilities charge shall be billed in twelve monthly 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 \_\_\_\_\_, 2017 in Case No. 2017-00321.

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

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

## RIDER GSS GENERATION SUPPORT SERVICE

#### APPLICABILITY

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

#### TYPE OF SERVICE

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

#### NET MONTHLY BILL

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

#### 1. Administrative Charge

The Administrative Charge shall be \$50 plus the appropriate Customer Charge.

2.	Monthly Transmission and Distribution Reservation Charge		(T)
	a. Rate DS - Secondary Distribution Service	\$4.8466 per kW	(I)
	<ul> <li>Rate DT – Distribution Service</li> </ul>	\$5.9992 per kW	(I)
	<ul> <li>Rate DP – Primary Distribution Service</li> </ul>	\$6.1484 per kW	(I)
	<ul> <li>Rate TT – Transmission Service</li> </ul>	\$2.9666 per kW	(I)

#### 3. Supplemental Power Service

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

4. Maintenance Power Service

#### Requirements -

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

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

#### Billing -

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

#### 5. Backup Power Service

#### Requirements -

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

#### Billing -

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

NET MONTHLY BILL (Contd.)

#### 6. Monthly Reservation Charges

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

#### METERING

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

#### DEFINITIONS

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

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

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

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

Issued: September 1, 2017

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Cancels and Supersedes	
Second Revised Sheet No. 58	(T)
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Schedule L-1

#### TERMS AND CONDITIONS

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

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

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

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

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

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

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

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

Issued: September 1, 2017

Effective: October 1, 2017

(T) (T)

Issued by James P. Henning, President

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

# RATE RTP - M REAL TIME PRICING ~ MARKET-BASED PRICING

# THIS SHEET IS CANCELLED AND WITHDRAWN

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

Issued: September 1, 2017

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Issued by James P. Henning, President

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#### RATE SL

# STREET LIGHTING SERVICE

## APPLICABILITY

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

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

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

# TYPE OF SERVICE

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

#### NET MONTHLY BILL

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

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

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

	KY.P.S.C. Electric No. 2 Eighth Revised Sheet No. 60	(T)
Duke Energy Kentucky, Inc.	Cancels and Supersedes	
4580 Olympic Blvd.	Seventh Revised Sheet No. 60	(T)
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### **NET MONTHLY BILL (Contd.)**

1. Base Rate

OVERHEAD DISTRIBUTION AREA Fixture Description Standard Fixture (Cobra Head) Mercury Vapor	Lamp <u>Watt</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	Rate/Unit	
7,000 lumen	175	0.193	803	\$ 7.96	(I)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 6.65	(1)
10.000 lumen	250	0.205	1,144	\$ 9.19	(l) (l)
21,000 lumen	400	0.430	1,789	\$12.30	(I) (I)
Metal Halide	100	0.100	1,100	<b>ψ12.00</b>	
14,000 lumen	175	0.193	803	\$ 7.96	(I)
20,500 lumen	250	0.275	1,144	\$ 9.19	(I)
36,000 lumen	400	0.430	1,789	\$12.30	(1)
Sodium Vapor				÷	(-)
9,500 lumen	100	0.117	487	\$ 8.81	(I)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 6.61	(i)
16,000 lumen	150	0.171	711	\$ 9.60	(Í)
22,000 lumen	200	0.228	948	\$12.45	(I)
27,500 lumen	250	0.275	948	\$12.45	(İ)
50,000 lumen	400	0.471	1,959	\$16.73	(Ĭ)
Decorative Fixtures					.,
Sodium Vapor					
9,500 lumen (Rectilinear)	100	0.117	487	\$ 10.94	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$13.53	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$17.90	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$26.62	(I)

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

Spans of Secondary Wiring:

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

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

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# NET MONTHLY BILL (Contd.)

	Lamp		Annual		
UNDERGROUND DISTRIBUTION AREA	<u>Watt</u>	<u>kW/Unit</u>	<u>kWh</u>	<u>Rate/Unit</u>	
Fixture Description					
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.210	874	\$ 8.10	(I)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 6.65	(I)
10,000 lumen	250	0.292	1,215	\$ 9.35	(I)
21,000 lumen	400	0.460	1,914	\$12.59	(I)
Metal Halide					
14,000 lumen	175	0.210	874	\$ 8.10	(I)
20,500 lumen	250	0.292	1,215	\$ 9.35	(I)
36,000 lumen	400	0.460	1,914	\$12.59	(I)
Sodium Vapor					.,
9,500 lumen	100	0.117	487	\$ 8.81	(I)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 6.70	(I)
16,000 lumen	150	0.171	711	\$ 9.57	(I)
22,000 lumen	200	0.228	948	\$12.45	(Í)
50,000 lumen	400	0.471	1,959	\$16.73	(Î)
Decorative Fixtures				• • • • • •	(-)
Mercury Vapor					
7,000 lumen (Town & Country)	175	0.205	853	\$ 8.37	(I)
7,000 lumen (Holophane)	175	0.210	874	\$ 10.52	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$24.04	(I)
7,000 lumen (Granville)	175	0.205	853	\$ 8.46	(I)
7,000 lumen (Aspen)	175	0.210	874	\$15.23	(Ĭ)
Metal Halide				••••	(-/
14,000 lumen (Traditionaire)	175	0.205	853	\$ 8.37	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$15.23	(Ī)
14,000 lumen (Gas Repica)	175	0.210	874	\$24.13	(Î)
Sodium Vapor				+=	(-)
9,500 lumen (Town & Country)	100	0.117	487	\$12.23	(I)
9,500 lumen (Holophane)	100	0.128	532	\$13.25	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 9.88	(Ĭ)
9,500 lumen (Gas Replica)	100	0.128	532	\$24.91	(I)
9,500 lumen (Aspen)	100	0.128	532	\$15.43	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$12.23	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$15.43	(I) (I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$13.59	(I)
50,000 lumen (Rectilinear)	400	0.240	1,959	\$17.97	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$26.62	(I) (I)
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Issued by authority of an Order of the Kentucky Public Service Commission dated, 2017 in Case No. 2017-00321.	(T)
lssued: September 1, 2017	(T)
Effective: October 1, 2017	(T)
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# NET MONTHLY BILL (Contd.)

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

Spans of Secondary Wiring:

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

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.

Applicable Riders 3.

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

Issued by authority of an Order of the Kentucky Public Service Commission dated, 2017 in Case No. 2017-00321.	
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# LATE PAYMENT CHARGE

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

#### TERM OF SERVICE

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

## GENERAL CONDITIONS

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

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

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

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## 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 \_\_\_\_\_, 2017 in Case No. 2017-00321.

Issued: September 1, 2017 Effective: October 1, 2017 Issued by James P. Henning, President (T) (T) (T) (T) Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018

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# RATE TL

#### TRAFFIC LIGHTING SERVICE

#### APPLICABILITY

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

#### TYPE OF SERVICE

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

#### NET MONTHLY BILL

Computed in accordance with the following charges:

1. Base Rate

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

- (b) Where the Company supplies energy from a separately metered source and the Company has agreed to provide limited maintenance for traffic signal equipment, all kilowatt-hours shall be billed at \$0.023583 per kilowatt-hour.
- (c) Where the Company supplies energy and has agreed to provide limited maintenance for traffic signal equipment, all kilowatt-hours shall be billed at \$0.066174 per kilowatt-hour.

#### 2. Applicable Riders

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

## LATE PAYMENT CHARGE

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

#### TERM OF SERVICE

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

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

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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.

(T)

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

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# RATE UOLS UNMETERED OUTDOOR LIGHTING ELECTRIC SERVICE

#### APPLICABILITY

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

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

# CONTRACT FOR SERVICE

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

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

# LIGHTING HOURS

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

#### NET MONTHLY BILL

Computed in accordance with the following charge:

1. Base Rate All kWh	\$0.041936 per kWh	(I)
<ol> <li>Applicable Riders The following riders are applicable pursuant t rider;</li> </ol>	o the specific terms contained within each	
Sheet No. 76, Rider ESM, Environmental Sur Sheet No. 80, Rider FAC, Fuel Adjustment Cla	ause	(N)
Sheet No. 82, Rider PSM, Profit Sharing Mech Sheet No. 125, Rider DCI, Distribution Capital		(N)
Issued by authority of an Order of the Kentucky Public		
Service Commission dated, 2017 in Case No. 2017- 00321.	(T) (T)	
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Issued by James P. Henning, President

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

(N)

# LATE PAYMENT CHARGE

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

## OWNERSHIP OF SERVICE LINES

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

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

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

# SERVICE REGULATIONS

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

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Issued by authority of an Order of the Kentucky Public Service Commission dated, 2017 in Case No. 2017- 00321.	(T) (T)
Issued: September 1, 2017	(T)

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

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Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018 Ky.P.S.C. Electric No. 2Second Revised Sheet no. 63Cancels and SupersedesFirst Revised Sheet No. 63T)Page 1 of 3

# RATE OL-E OUTDOOR LIGHTING EQUIPMENT INSTALLATION

# APPLICABILITY

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

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

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

# CONTRACT FOR SERVICE

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

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

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

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

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00321.				

Issued: September 1, 2017

Effective: October 1, 2017

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Issued by James P. Henning, President

Schedule L-1 Page 56 of 148 Witness Responsible: Bruce Sailers

Ky P S.C. Electric No. 2

	Second Revised Sheet no. 63
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# LEVELIZED FIXED CHARGE CALCULATION

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

LFCR = 
$$r+d+(\frac{T}{1-T}) \mathbf{x} (r+d-D) \mathbf{x} (\frac{r-i}{r})$$

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.

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Issued: September 1, 2017

Effective: October 1, 2017

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Ky.P.S.C. Electric No. 2

Duke Energy Kentucky, Inc.Second Revised Sheet no. 634580 Olympic Blvd.Cancels and SupersedesErlanger, KY 41018Page 3 of 3

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

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Issued by James P. Henning, President

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# RATE LED

# LED OUTDOOR LIGHTING ELECTRIC SERVICE

# APPLICABILITY

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

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

#### CHARACTER OF SERVICE

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

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

#### NET MONTHLY BILL

Computed in accordance with the following charges:

 1. Base Rate

 All kWh

 \$0.041936 per kWh

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

2. Applicable Riders

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

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# NET MONTHLY BILL (Contd.)

# 3. Monthly Maintenance, Fixture, and Pole Charges:

l. Fixtures				Per Unit Per Month		Aonth
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	\$5.44	\$4.38
LF-LED-70W-SL-BK-MW	70W Standard LED-BLACK	6,261	70	24	\$5.43	\$4.38
LF-LED-110W-SL-BK-MW	110W Standard LED-BLACK	9,336	110	38	\$6.16	\$4.38
LF-LED-150W-SL-BK-MW	150W Standard LED-BLACK	12,642	150	52	\$8.16	\$4.38
LF-LED-220W-SL-BK-MW	220W Standard LED-BLACK	18,641	220	76	\$9.25	\$5.34
LF-LED-280W-SL-BK-MW	280W Standard LED-BLACK	24,191	280	97	\$11.38	\$5.34
LF-LED-50W-DA-BK-MW	50W Deluxe Acorn LED-BLACK	5,147	50	17	\$15.87	\$4.38
LF-LED-50W-AC-BK-MW	50W Acorn LED-BLACK	5,147	50	17	\$14.30	\$4.38
LF-LED-SOW-MB-BK-MW	50W Mini Bell LED-BLACK	4,500	50	17	\$13.48	\$4.38
LF-LED-70W-BE-BK-MW	70W Bell LED-BLACK	5,508	70	24	\$17.17	\$4.38
LF-LED-50W-TR-BK-MW	50W Traditional LED-BLACK	3,230	50	17	\$10.36	\$4.38
LF-LED-50W-OT-BK-MW	50W Open Traditional LED-BLACK	3,230	50	17	\$10.36	\$4.38
LF-LED-50W-EN-BK-MW	50W Enterprise LED-BLACK	3,880	50	17	\$13.93	\$4.38
LF-LED-70W-ODA-BK-MW	70W LED Open Deluxe Acorn	6,500	70	24	\$15.48	\$4.38
LF-LED-150W-TD-BK-MW	150W LED Teardrop	12,500	150	52	\$20.78	\$4.38
LF-LED-50W-TDP-BK-MW	50W LED Teardrop Pedestrian	4,500	50	17	\$16.86	\$4.38
220W LED SHOEBOX	220W LED Shoebox	18,500	220	76	\$14.39	\$5.34
LF-LED-50W-5L-BK-MW	LED 50W 4521 LUMENS STANDARD LED BLACK TYPE III 4000K	4,521	50	17	\$5.44	\$4.38
LF-LED-70W-SL-BK-MW	LED 70W 6261 LUMENS STANDARD LED BLACK TYPE III 4000K	6,261	70	24	\$5.43	\$4.38
LF-1ED-110W-5L-BK-MW	LED 110W 9336 LUMEN5 STANDARD LED BLACK TYPE III 4000K	9,336	1 <b>10</b>	38	\$6.16	\$4.38
LF-LED-150W-SL-BK-MW	LED 150W 12642 LUMENS STANDARD LED BLACK TYPE III 4000K	12,642	150	52	\$8.16	\$4.38
LF-LED-150W-5L-IV-BK- MW	LED 150W 13156 LUMENS STANDARD LED TYPE IV BLACK 4000K	13,156	150	<b>S2</b>	\$8.16	\$4.38
LF-LED-220W-SL-BK-MW	LED 220W 18642 LUMENS STANDARD LED BLACK TYPE III 4000K	18,642	220	76	\$9.25	\$5.34
LF-LED-280W-SL-BK-MW	LED 280W 24191 LUMENS STANDARD LED BLACK TYPE III 4000K	24,191	280	97	\$11.38	\$5.34
F-LED-SOW-DA-BK-MW	LED 50W DELUXE ACORN BLACK TYPE III 4000K	5,147	50	17	\$15.87	\$4.38
F-LED-70W-ODA-BK-MW	LED 70W OPEN DELUXE ACORN BLACK TYPE III 4000K	6,500	70	24	\$15.48	\$4.38

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LF-LED-50W-AC-BK-MW	LED 50W ACORN BLACK TYPE III 4000K	5,147	50	17	\$14.30	\$4. 38
LF-LED-50W-MB-BK-MW	LED 50W MINI BELL LED BLACK TYPE III 4000K MIDWEST	4,500	50	17	\$13.48	\$4.38
LF-LED-70W-BE-BK-MW	LED 70W 5508 LUMENS SANIBELL BLACK TYPE III 4000K	5,508	70	24	\$17.17	\$4.38
LF-LED-50W-TR-BK-MW	LED 50W TRADITIONAL BLACK TYPE III 4000K	3,303	50	17	\$10.36	\$4.38
LF-LED-50W-OT-BK-MW	LED 50W OPEN TRADITIONAL BLACK TYPE III 4000K	3,230	50	17	\$10.36	\$4.38
LF-LED-50W-EN-BK-MW	LED 50W ENTERPRISE BLACK TYPE III 4000K	3,880	50	17	\$13.93	\$4.38
LF-LED-150W-TD-BK-MW	LED 150W LARGE TEARDROP BLACK TYPE III 4000K	12,500	150	52	\$20.78	\$4.38
LF-LED-50W-TDP-BK-MW	LED 50W TEARDROP PEDESTRIAN BLACK TYPE III 4000K	4,500	50	17	\$16.86	\$4.38
LF-LED-220W-5B-BK-MW	LED 220W SHOEBOX BLACK TYPE IV 4000K	18,500	220	76	\$14.39	\$5.34
LF-LED-150W-BE-BK-MW	150W Sanibel	39,000	150	52	\$17.17	\$4.38
LF-LED-420W-5B-BK-MW	420W LED Shoebox	39,078	420	146	\$21.47	\$5.34
LF-LED-50W-NB-GY-MW	50W Neighborhood	5,000	50	17	\$4.43	\$4.38
LF-LED-50W-NBL-GY-MW	50W Neighborhood with Lens	5,000	50	17	\$4.62	\$4.38

ii. Poles		
Billing Type	Description	Charge per Month per Unit
LP-12-C-PT-AL-AB-TT-BK-MW	12' C-Post Top- Anchor Base-Black	\$10.68
LP-25-C-DV-AL-AB-TT-BK-MW	25' C-Davit Bracket- Anchor Base-Black	\$28.10
LP-25-C-BH-AL-AB-TT-BK-MW	25' C-Boston Harbor Bracket- Anchor Base-Black	\$28.40
LP-12-E-AL-AB-TT-BK-MW	12' E-AL - Anchor Base-Black	\$10.68
15310-40FTALEMB-OLE	35' AL-Side Mounted-Direct Buried Pole	\$18.08
15320-30FTALAB-OLE	30' AL-Side Mounted-Anchor Base	\$13.93
15320-35FTALAB-OLE	35' AL-Side Mounted-Anchor Base	\$13.55
15320-40FTALAB-OLE	40' AL-Side Mounted-Anchor Base	\$16.76
POLE-30-7	30' Class 7 Wood Pole	\$6.62
POLE-35-5	35' Class 5 Wood Pole	\$7.20
POLE-40-4	40' Class 4 Wood Pole	\$10.84
POLE-45-4	45' Class 4 Wood Pole	\$11.24
15210-20BRZSTL-OLE	20' Galleria Anchor Based Pole	\$9.55
15210-308RZ5TL-OLE	30' Galleria Anchor Based Pole	\$11.30
15210-35BRZSTL-OLE	35' Galieria Anchor Based Pole	\$32.49

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LP-12-A-AL-AB-TT-BK-MW	MW-Light Pole-12' MH- Style A-Aluminum-Anchor Base-Top Tenon-Black	\$6.47
LP-12-A-AL-DB-TT-BK-MW	MW-Light Pole-Post Top-12' MH- Style A-Alum-Direct Buried-Top Tenon- Black	\$5.54
LP-15-A-AL-AB-TT-BK-MW	Light Pole-15' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	\$6.66
LP-15-A-AL-DB-TT-BK-MW	Light Pole-15' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	\$5.77
LP-20-A-AL-AB-TT-BK-MW	Light Pole-20' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	\$6.99
LP-20-A-AL-DB-TT-BK-MW	Light Pole-20' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	\$10.71
LP-2S-A-AL-AB-TT-BK-MW	Light Pole-25' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	\$8.28
LP-25-A-AL-DB-TT-BK-MW	Light Pole-25' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	\$11.93
LP-30-A-AL-AB-TT-BK-MW	Light Pole-30' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	\$9.79
LP-30-A-AL-DB-TT-BK-MW	Light Pole-30' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	\$13.28
LP-3S-A-AL-AB-TT-BK-MW	Light Pole-35' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	\$11.30
LP-35-A-AL-DB-TT-BK-MW	Light Pole-35' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	\$14.35
LP-12-B-AL-AB-TT-GN-MW	MW-Light Pole-12' MH- Style B Aluminum Anchor Base-Top Tenon Black	\$7.89
LP-12-C-PT-AL-AB-TT-BK-MW	MW-Light Pole-12' MH-Style C-Post Top-Alum-Anchor Base-TT-Black Pri	\$10.68
LP-16-C-DV-AL-AB-TT-GN-MW	MW-LT Pole-16' MH-Style C-Davit Bracket-Alum-Anchor Base-TT-Black	\$14.29
LP-2S-C-DV-AL-AB-TT-BK-MW	MW-Light Pole-25' MH-Style C-Davit Bracket-Alum-Anchor Base-TT-Black	\$28.10
LP-16-C-BH-AL-AB-TT-GN-MW	MW-LT Pole-16' MH-Style C-Boston Harbor Bracket-AL-AB-TT-Black Pri	\$11.46
LP-25-C-BH-AL-AB-TT-BK-MW	MW-LT Pole-25' MH-Style C-Boston Harbor Bracket-AL-AB-TT-Black Pri	\$28.40
LP-12-D-AL-AB-TT-GN-MW	MW-LT Pole 12 Ft MH Style D Alum Breakaway Anchor Base TT Black Pri	\$10.57
LP-12-E-AL-AB-TT-BK-MW	MW-Light Pole-12' MH-Style E-Alum-Anchor Base-Top Tenon-Black	\$10.68
LP-12-F-AL-AB-TT-GN-MW	MW-Light Pole-12' MH-Style F-Alum-Anchor Base-Top Tenon-Black Prie	\$11.44
15210-20BRZSTL-OLE	MW-15210-Galleria Anchor Base-20FT Bronze Steel-OLE	\$9.55
15210-30BRZSTL-OLE	MW-15210-Galleria Anchor Base-30FT Bronze Steel-OLE	\$11.30
15210-3SBRZ5TL-OLE	MW-15210-Galleria Anchor Base-35FT Bronze Steel-OLE	\$32.49
15310-40FTALEMB-OLE	MW-15310-35FT MH Aluminum Direct Embedded Pole-OLE	\$18.08
15320-30FTALAB-OLE	MW-15320-30FT Mounting Height Aluminum Achor Base Pole-OLE	\$13.93
1\$320-35FTALAB-OLE	MW-15320-35FT Mounting Height Aluminum Achor Base Pole-OLE	\$13.55
15320-40FTALAB-OLE	MW-15320-40FT Mounting Height Aluminum Achor Base Pole-OLE	\$16.76
POLE-30-7	MW-POLE-30-7	\$6.62
POLE-35-5	MW-POLE-35-5	\$7.20
	MW-POLE-40-4	\$10.84
POLE-40-4		910.0 <del>1</del>

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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.

#### 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.

Special Provisions:

- 1. The customer shall execute a contract on the Company's standard filed contract form for service under this rate schedule.
- 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:
  - 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

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overhead/loadings, applicable property tax, applicable income tax, (N) depreciation and rate of return. (N)3. (N) 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 (N) replacement or to make payment to the customer for damage. (N) (N) 4. KWh consumption for Company-owned fixtures shall be estimated in lieu of installing meters. (N) Monthly kWh estimates will be made using the following formula: (N) kWh = Unit Wattage x (4160 hours per year / 12 months) / 1,000 For equipment not listed (N) above? (N) 5. kWh consumption for customer-owned fixtures shall be metered. Installation of customer-(N) owned lighting facilities shall be provided for by the customer. (N) (N) 6. No Pole Charge shall be applicable for a fixture installed on a company-owned pole which is (N) utilized for other general electrical distribution purposes. (N) 7. The Company will repair or replace malfunctioning lighting fixtures maintained by the (N) Company. (N) (N) 8. For a fixture type restricted to existing installations and requiring major renovation or (N) replacement, the fixture shall be replaced by an available similar non-restricted LED fixture of (N) the customer's choosing and the customer shall commence being billed at its appropriate rate. (N) (N) 9. The customer will be responsible for trimming trees and other vegetation that obstruct the light (N) output from fixture(s) or maintenance access to the facilities. (N) 10. All new leased LED lighting shall be installed on poles owned by the Company. (N) (N) 11. Alterations to leased LED lighting facilities requested by the customer after date of installation (N) (i.e. redirect, install shields, etc.), will be billed to the customer in accordance with the (N) Company's policy. (N) (N) 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 (N) for necessary additional facilities. (N)(N) 13. For available LEDs, the customer may opt to make an initial, one-time payment of 50% of the (N)installed cost of fixtures rated greater than 200 Watts and/or poles other than standard wood (N) poles, to reduce the Company's installed cost, therefore reducing their monthly rental rates for (N) such fixtures and poles. If a customer chooses this option, the monthly fixture and/or pole (N)charge shall be computed as the reduced installed cost times the corresponding monthly percentage in 2.1.(a) and/or 2.11 above. (N) SERVICE REGULATIONS (N)The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction (N) of the Kentucky Public Service Commission, and to the Company's Service Regulations currently in effect. (N) as filed with the Kentucky Public Service Commission, as provided by law, (N) (N)

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

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

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# RATE OL

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Duke Energy Kentucky, Inc.

4580 Olympic Blvd.

Erlanger, KY 41018

# OUTDOOR LIGHTING SERVICE

THIS SHEET IS CANCELLED AND WITHDRAWN

(T)

(T) (T)

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

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

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018 Schedule L-1 Page 65 of 148 Witness Responsible: Bruce Sailers KY.P.S.C. Electric No. 2 Eighth Revised Sheet No. 66 (T) Cancels and Supersedes Seventh Revised Sheet No. 66 (T) Page 1 of 3

# RATE NSU

# STREET LIGHTING SERVICE NON-STANDARD UNITS

#### APPLICABILITY

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

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

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

#### TYPE OF SERVICE

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

#### NET MONTHLY BILL

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

#### 1. Base Rate

#### A. Company owned

	Lamp <u>Watt</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	<u>Rate/Unit</u>	
<ol> <li>Boulevard units served underground         <ol> <li>2,500 lumen Incandescent – Series</li> <li>2,500 lumen Incandescent – Multiple</li> </ol> </li> </ol>	148 189	0.148 0.189	616 786	\$10.32 \$8.01	(I) (I)
<ol> <li>Holophane Decorative fixture on 17 foot fiberglass pole served underground with direct buried cable</li> </ol>					
a. 10,000 lumen Mercury Vapor	250	0.292	1,215	\$18.79	(I)
Issued by authority of an Order of the Kentucky Public Service Commission dated in Case No. 2017-00321.		(T)			
Issued: September 1, 2017 Effective: October 1, 2017 Issued by James P. Henning, President		(T) (T)			

	Schedule L-1 Page 66 of 148 Witness Responsible: Bruce Sailers	
	KY.P.S.C. Electric No. 2	
	Eighth Revised Sheet No. 66	(T)
Duke Energy Kentucky, Inc.	Cancels and Supersedes	
4580 Olympic Blvd.	Seventh Revised Sheet No. 66	(T)
Erlanger, KY 41018	Page 2 of 3	

#### **NET MONTHLY BILL (Contd.)**

The cable span charge of \$0.84 per each increment of 25 feet of secondary wiring shall be added to the (1) Rate/unit charge for each increment of secondary wiring beyond the first 25 feet from the pole base.

		Lamp <u>Watt</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	Rate/Unit	
	<ol> <li>Street light units served overhead distribution</li> <li>a. 2,500 lumen Incandescent</li> <li>b. 2,500 lumen Mercury Vapor</li> <li>c. 21,000 lumen Mercury Vapor</li> </ol>	189 100 400	0.189 0.109 0.460	786 453 1,914	\$7.94 \$7.52 \$11.93	(I) (I) (I)
в.	Customer owned					
		Lamp <u>Watt</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	<u>Rate/Unit</u>	
	<ol> <li>Steel boulevard units served underground with limited maintenance by Company         <ol> <li>2,500 lumen Incandescent – Series</li> <li>2,500 lumen Incandescent – Multiple</li> </ol> </li> </ol>	148 189	0.148 0.189	616 786	\$6.09 \$7.74	(I) (I)

# 2. Base Fuel Cost

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

3. Applicable Riders

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

# LATE PAYMENT CHARGE

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

# TERM OF SERVICE

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

#### **GENERAL CONDITIONS**

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

(T)

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

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

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	KY.P.S.C. Electric No. 2	
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# GENERAL CONDITIONS (Contd.)

(2) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by, and at the expense of, the Company.

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

- (3) When a Company owned street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.
- (4) When a customer owned lighting unit becomes inoperative, the cost of repair or replacement of the unit will be at the customer's expense. The replacement unit shall be an approved Company fixture.
- (5) Limited maintenance by the Company includes only fixture cleaning, relamping, and glassware and photo cell replacement.

# SERVICE REGULATIONS

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

(T)

 Issued by authority of an Order of the Kentucky Public Service

 Commission dated \_\_\_\_\_\_ in Case No. 2017-00321.

 Issued: September 1, 2017

Issued: September 1, 2017 Effective: October 1, 2017 Issued by James P. Henning, President Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018 Schedule L-1 Page 68 of 148 Witness Responsible: Bruce Sailers KY.P.S.C. Electric No. 2 Eighth Revised Sheet No. 67 Cancels and Supersedes Seventh Revised Sheet No. 67 Page 1 of 1

# RATE NSP

# PRIVATE OUTDOOR LIGHTING FOR NON-STANDARD UNITS

THIS SHEET IS CANCELLED AND WITHDRAWN

(T) (T) (T)

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

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

Schedule L-1 Page 69 of 148 Witness Responsible: Bruce Sailers KY.P.S.C. Electric No. 2 Eighth Revised Sheet No. 68 (T) Cancels and Supersedes Seventh Revised Sheet No. 68 (T) Page 1 of 4

# RATE SC

#### STREET LIGHTING SERVICE - CUSTOMER OWNED

#### APPLICABILITY

Duke Energy Kentucky, Inc.

4580 Olympic Blvd.

Erlanger, KY 41018

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:

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

Issued by authority of an Order of the Kentucky Public Commission dated in Case No. 2017-00321.	: Service (T)
Issued: September 1, 2017	(T)
Effective: October 1, 2017	(T)

Issued by James P. Henning, President

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	KY.P.S.C. Electric No. 2	
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# NET MONTHLY BILL (Contd.)

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

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

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

Issued by authority of an Order of the Kentucky Public Service Commission dated in Case No. 2017-00321.	(T)
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Schedule I 1

# NET MONTHLY BILL (Contd.)

Customer Owned and Maintained Units

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

# 2. Base Fuel Cost

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

# 3. Applicable Riders

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

# LATE PAYMENT CHARGE

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

# TERM OF SERVICE

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

# **GENERAL CONDITIONS**

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

# **GENERAL CONDITIONS (Contd.)**

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

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Issued by James P. Henning, President	

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	KY.P.S.C. Electric No. 2	
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Duke Energy Kentucky, Inc.	Cancels and Supersedes	
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shall not be responsible for failure to install these street light units for such reason.

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

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

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

# SERVICE REGULATIONS

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

(T) (T)

 Issued by authority of an Order of the Kentucky Public Service

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

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

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# RATE SE

#### STREET LIGHTING SERVICE - OVERHEAD EQUIVALENT

# APPLICABILITY

Duke Energy Kentucky, Inc.

4580 Olympic Blvd.

Erlanger, KY 41018

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 to this rate schedule terminates 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:

(T)

(T) (T)

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

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

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018 NET MONTHLY BILL (Contd.)		Page 7 Witne E C S	Y.P.S.C. Electric lighth Revise cancels and S	ed Sheet No. 69	(T) (T)
1. Base Rate					
Fixture Description Decorative Fixtures	Lamp <u>Watt</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	Rate/Unit	
Mercury Vapor		0.005	050	<b>A</b> 0.40	
7,000 lumen (Town & Country)	175	0.205	853	\$ 8.16	(I) (I)
7,000 lumen (Holophane)	175	0.210	874	\$ 8.19	(I) (D)
7,000 lumen (Gas Replica)	175 175	0.210	874 874	\$ 8.19 \$ 8.19	(I)
7,000 lumen (Aspen) Metal Halide	175	0.210	0/4	\$ 0.19	(I)
14,000 lumen (Traditionaire)	175	0.205	853	\$ 8.16	
14,000 lumen (Granville Acorn)	175	0.205	874	\$ 8.19	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 8.19	(I)
Sodium Vapor	175	0.210	0/4	φ 0.13	(I)
9,500 lumen (Town & Country)	100	0.117	487	\$ 8.89	(I)
9,500 lumen (Holophane)	100	0.1128	532	\$ 9.01	(I) (I)
9,500 lumen (Rectilinear)	100	0.120	487	\$ 8.89	(I) (I)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 9.00	(I) (I)
9,500 lumen (Aspen)	100	0.128	532	\$ 9.00	(I) (I)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 8.89	(I) (I)
9,500 lumen (Granville Acom)	100	0.128	532	\$ 9.00	(I) (I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$12.78	(I) (I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$16.91	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$16.91	(I)

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

2. Base Fuel Cost

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

3. Applicable Riders

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

# LATE PAYMENT CHARGE

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

# **TERM OF SERVICE**

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

Issued by authority of an Order of the Kentucky Public Service Commission dated, 2017 in Case No. 2017-00321.		
Issued: September 1, 2017	(T)	
Effective: October 1, 2017	(T)	
Issued by James P. Henning, President		

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	KY.P.S.C. Electric No. 2	(T)
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Duke Energy Kentucky, Inc.	Cancels and Supersedes	(T)
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# **GENERAL CONDITIONS**

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

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

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

#### SERVICE REGULATIONS

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

(T)

 Issued by authority of an Order of the Kentucky Public Service

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

 Issued: September 1, 2017

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

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

# RIDER PPS PREMIER POWER SERVICE

# AVAILABILITY

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

#### PROGRAM DESCRIPTION

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

# RATE

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

Monthly Service Payment = Estimated Levelized Capital Cost + Estimated Expenses

Where:

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

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

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

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(T)

(T)

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## RATE (CONT'D.)

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

# MONTHLY BILL

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

# CONTRACT

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

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

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# **RIDER TS**

# **TEMPORARY SERVICE**

# APPLICABILITY

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

# TYPE OF SERVICE

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

### CHARGES

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

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

#### **TERM OF SERVICE**

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

# SERVICE REGULATIONS

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

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00321.	(T)
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Issued by James P. Henning, President

(T)

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

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### **RIDER X**

# LINE EXTENSION POLICY

# APPLICABILITY

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

# EXTENSION PLAN

Extensions

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

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

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

### SERVICE REGULATIONS

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

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

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018 Schedule L-1 Page 80 of 148 Witness Responsible: Bruce Sailers KY.P.S.C. Electric No. 2 Second Revised Sheet No. 73 (T) Cancels and Supersedes First Revised Sheet No. 73 (T) 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 Monday; and from 9:00 p.m. of the day preceding a legal holiday to 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 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 (T) option. The winter season consists of all other days which have not been recognized in the summer (T) 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 (T) 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 2017-00321.	, 20 in Case No.	(T) (T)
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Issued: September 1, 2017

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(T) (T)

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

### TERMS AND CONDITIONS

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

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

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

2017-00321,	ommission dated, 20 in Case No.	(T) (T)
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# RIDER AMO

ADVANCED METER OPT-OUT (AMO) - RESIDENTIAL

### APPLICABILITY

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

### DEFINITION

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

### CHARGES

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

### TERMS AND CONDITIONS

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

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

# SERVICE REGULATIONS

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

Issued by authority of an Order by the Kentucky Public Service Commission dated \_\_\_\_\_ in Case No. 2017-00321. Issued: September 1, 2017 Effective: October 1, 2017 Issued by James P. Henning, President /s/ James P. Henning

(T) (T) (T)

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

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ENVIRONMENTAL SURCHARGE MECHANISM RIDER (N) (N) (N) APPLICABILITY (N) Applicable to all retail sales in the Company's electric service area beginning with the billing month June 2018. (N) (N) DEFINITIONS (N) The Monthly Environmental Surcharge Factor (MESF) shall provide for monthly adjustments based on a (N) (N) percent of base revenues based on the difference between the environmental compliance costs in the base (N) period and in the current period according to the following formula. (N) (N) MESF = Current Period Environmental Surcharge Factor (CESF) minus the Base Period Environmental (N) Surcharge Factor (BESF). (N) (N) Where: ĺN) (N) (1) CESF is the Current Period Environmental Revenue Requirement (E(m)) associated with the (N) Commission approved environmental compliance projects / Monthly KY Retail Revenues (R(m)), (N) where: (N) (N) E(m)The monthly amount of environmental compliance cost of Commission approved = (N) environmental compliance projects calculated as: (N) (N) E(m) RORB + OE - EAS + Prior Period Adjustment + (Over)Under Recovery = (N) (N) Where, (N) (N) RORB (RB/12)\*ROR = (N) (N) RB the Environmental Compliance Rate Base, defined as electric plant in service for (N) Ξ applicable environmental projects adjusted for accumulated depreciation, accumulated (N) (N) deferred taxes, accumulated investment tax credits, CWIP and emission allowance (N) inventory. (N) (N) ROR the Rate of Return on the Environmental Compliance Rate Base, designated as the = (N) cost of debt and pretax cost of equity for environmental compliance plan projects (N) approved by the Commission. (N) (N) OE the Operating Expenses, defined as the monthly depreciation expense, taxes other = (N) than income taxes, amortization expense, emission allowance expense and (N) environmental reagent expense. (N)

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Duke Energy Kentucky, Inc.

Erlanger, Kentucky 41018

4580 Olympic Blvd.

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EAS = proceeds from Emission Allowance Sales (N (N	
Prior Period Adjustment is the amount resulting from the amortization of amounts determined by the (N Commission during six-month and two-year reviews (N	N) N)
(Over) or Under Recovery is the one-month "true-up" adjustment.	N)
Monthly Kentucky Retail Revenue R(m) = the average monthly revenue, excluding all rider revenues, (N for the last 12 month period.	N) N)
The current expense month shall be the second month preceding the month in which the MESF is $egin{pmatrix} ({\sf N}\ $	N) N) N)
(N) (2) BESF is the Base Period Environmental Revenue Requirement associated with the Commission (N) approved environmental compliance projects. (N)	N) N)
INITIAL FACTOR VALUES	N)
MESF = 0.00000% (N BESF = 0.00000% (N (N	N) N)
SERVICE REGULATIONS, TERMS AND CONDITIONS The supplying and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Public Service Commission of Kentucky.	

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### RIDER BDP BACKUP DELIVERY POINT CAPACITY RIDER

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

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

#### NET MONTHLY BILL

1. Connection Fee

The Connection Fee applies only if an additional metering point is required and will be based on customer's most applicable rate schedule.

- 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:

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

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### SPECIAL TERMS AND CONDITIONS (Contd.)

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

### SERVICE REGULATIONS

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

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

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

### RIDER FAC FUEL ADJUSTMENT CLAUSE

#### APPLICABLE

In all territory service.

#### AVAILABILITY OF SERVICE

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

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

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

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

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

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

(T) (T)

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### AVAILABILTY OF SERVICE (Contd.)

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

Add:

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

### Subtract:

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

(T)

(e) total system losses

 Issued by authority of an Order of the Kentucky Public Service
 (T)

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

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 (T)

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

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### RIDER PSM PROFIT SHARING MECHANISM

#### APPLICABILITY

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

 PROFIT SHARING RIDER FACTORS
 (T)

 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 (T) in the formula below.
 (T)

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

where:

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

   NF =
   Net proceeds from non-fuel related Regional Transmission Organization (T) charges and credits not recovered via other mechanisms.
   (T)
- CAP= Net proceeds from: PJM charges and credits as provided for in the (T) Commission's Order in Case No. 2014-00201, dated December 4, 2014; capacity sales; capacity purchases; capacity performance credits; and (T) capacity performance assessments.
- REC= Net proceeds from the sales of renewable energy credits. (T)
- R = Reconciliation of prior period Rider PSM actual revenue to amount calculated for the period.
- S = Current period sales in kWh as used in the Rider FAC calculation.

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

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

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

### SERVICE REGULATIONS

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

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

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

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Duke Energy Kentucky, Inc.

# **RIDER BR**

# BROWNFIELD REDEVELOPMENT RIDER

# AVAILABILITY

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

### NET MONTHLY BILLING

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

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

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

### TERMS AND CONDITIONS

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

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

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

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

Issued by authority of an Order of the Kentucky Public Service Commission dated in Case No. 2017-		(T)		
00321.		(T)		
Issued:	September 1, 2017	Effective:	October 1, 2017	(T)

Issued by James P. Henning, President

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### **RIDER DIR**

#### DEVELOPMENT INCENTIVE RIDER

### GENERAL

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

#### PROGRAM DESCRIPTIONS

Duke Energy Kentucky, Inc.

Erlanger, Kentucky 41018

4580 Olympic Blvd.

#### 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:

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

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

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

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### PROGRAM DESCRIPTIONS (Contd.)

### Urban Redevelopment (UR) Program

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

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

### NET MONTHLY BILLING

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

### TERMS AND CONDITIONS

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

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

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

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

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### TERMS AND CONDITIONS (Contd.)

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

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

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

Issued: September 1, 2017

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

### **RIDER GP**

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

#### APPLICABILITY

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

### DEFINITION OF GREEN POWER AND CARBON OFFSETS

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

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

Carbon Offsets are financial instruments representing a reduction in greenhouse gas emissions. One Carbon Credit represents the reduction of one metric ton of carbon dioxide (CO<sub>2</sub>) or its equivalent in other greenhouse gases. Each Carbon Offset available under this tariff represents a 500 pound (lbs) block reduction of CO<sub>2</sub> (approximately  $\frac{1}{2}$  of a Carbon Credit).

### NET MONTHLY BILL

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

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

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

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

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

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

Issued: September 1, 2017

Effective: October 1, 2017

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### TERMS AND CONDITIONS

1. The customer shall enter into a service agreement with Company that shall specify the number of kWh blocks and/or Carbon Offsets to be purchased monthly and the corresponding rates(s) per unit. The Customer shall give Company thirty (30) days notice prior to cancellation of participation in this rider.

2. Funds collected from this tariff will be used to purchase Renewable Energy Certificates (RECs) and/or carbon credits from renewable and environmentally friendly sources as described in the DEFINITION OF GREEN POWER AND CARBON OFFSETS section and for customer education, marketing, and costs of the GoGreen Power Program.

3. Renewable Energy Certificate (REC) shall mean tradable units that represent the commodity formed by unbundling the environmental attributes of a unit of renewable or environmentally friendly energy from the underlying electricity. One REC would be equivalent to the environmental attributes of one MWH of electricity from a renewable or environmentally friendly generation source.

4. Carbon Credit shall mean tradable units that represent the reduction of the release of a greenhouse gas in the equivalent of one metric ton of  $CO_2$ . A Carbon Offset represents approximately  $\frac{1}{4}$  of a Carbon Credit.

5. Company reserves the right to terminate the Rider or revise the pricing or minimum purchase amount of the Rider after giving 60 days notice to the Kentucky Public Service Commission.

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

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

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

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

Issued: September 29, 2010

Effective: September 30, 2010

Issued by Julie Janson, President

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### RIDER NM

#### NET METERING RIDER

#### AVAILABILITY

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

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

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

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

### METERING

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

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

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

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Issued by James P. Henning, President

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METERING (Cont'd.)

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

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

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

### BILLING

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

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

Net metering credits are not transferable between customers or locations.

### APPLICATION AND APPROVAL PROCESS

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

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

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

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

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

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#### LEVEL 1

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

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

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

Effective: October 1, 2017

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

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### LEVEL 1 (Cont'd)

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

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

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

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

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

### LEVEL 2

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

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

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

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

Issued: September 1, 2017

Effective: October 1, 2017

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### LEVEL 2 (Cont'd.)

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

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

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

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

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

### APPLICATION, INSPECTION AND PROCESSING FEES

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

### TERMS AND CONDITIONS FOR INTERCONNECTION

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

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

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

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

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

Issued: September 1, 2017

Effective: October 1, 2017

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

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

- 7. After initial installation, Company shall have the right to inspect and/or witness commissioning tests, as specified in the Level 1 or Level 2 application and approval process. Following the initial testing and inspection of the generating facility and upon reasonable advance notice to Customer, Company shall have access at reasonable times to the generating facility to perform reasonable on-site inspections to verify that the installation, maintenance and operation of the generating facility comply with the requirements of this Tariff.
- 8. For inverter based systems that are certified by a nationally recognized testing laboratory to meet the requirements of UL 1741, the Company does not require a Customer owned external disconnect switch (EDS). For other generating facility types, an isolation device that satisfies the Company's technical interconnection requirements must be included. Where required by the Company, an eligible Customer shall furnish and install on Customer's side of the point of common coupling a safety disconnect switch which shall be capable of fully disconnecting the Customer's energy generating equipment from Company's electric service under the full rated conditions of the Customer's generating facility. The EDS shall be located adjacent to Company's meters or the location of the EDS shall be noted by placing a sticker on the meter, and shall be of the visible break type in a metal enclosure which can be secured by a padlock. If the EDS is not located directly adjacent to the meter, the Customer shall be responsible for ensuring the location of the EDS is properly and legibly identified for so long as the generating facility is operational. The disconnect switch shall be accessible to Company personnel at all times.
- 9. Company shall have the right and authority at Company's sole discretion to isolate the generating facility or require the Customer to discontinue operation of the generating facility if Company believes that: (a) continued interconnection and parallel operation of the generating facility with Company's electric system creates or contributes (or may create or contribute) to a system emergency on either Company's or Customer's electric system; (b) the generating facility is not in compliance with the requirements of this Tariff, and the non-compliance adversely affects the safety, reliability or power quality of Company's electric system; or (c) the generating facility interferes with the operation of Company's electric system. In non-emergency situations, Company shall give Customer notice of noncompliance including a description of the specific noncompliance condition and allow Customer a reasonable time to cure the noncompliance prior to isolating the Generating Facilities. In emergency situations, where the Company is unable to immediately isolate or cause the Customer to isolate only the generating facility, the Company may isolate the Customer's entire facility.
- 10. Customer shall agree that, without the prior written permission from Company, no changes shall be made to the generating facility as initially approved. Increases in generating facility capacity will require a new "Application for Interconnection and Net Metering" which will be evaluated on the same basis as any other new application. Repair and replacement of existing generating facility components with like components that meet UL 1741 certification requirements for Level 1 facilities and not resulting in increases in generating facility capacity is allowed without approval.

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

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

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

11. To the extent permitted by law, the Customer shall protect, indemnify and hold harmless the Company and its directors, officers, employees, agents, representatives and contractors against and from all loss, claims, actions or suits, including costs and attorneys fees, for or on account of any injury or death of persons or damage to property caused by the Customer or the Customer's employees, agents, representatives and contractors in tampering with, repairing, maintaining or operating the Customer's generating facility or any related equipment or any facilities owned by the Company except where such injury, death or damage was caused or contributed to by the fault or negligence of the Company or its employees, agents, representatives or contractors.

The liability of the Company to the Customer for injury to person and property shall be governed by the tariff(s) for the class of service under which the Customer is taking service.

- 12. The Customer shall maintain general liability insurance coverage (through a standard homeowner's, commercial or other policy) for both Level 1 and Level 2 generating facilities. Customer shall upon request provide Company with proof of such insurance at the time that application is made for net metering.
- 13. By entering into an Interconnection Agreement, or by inspection, if any, or by non-rejection, or by approval, or in any other way, Company does not give any warranty, express or implied, as to the adequacy, safety, compliance with applicable codes or requirements, or as to any other characteristics, of the generating facility equipment, controls, and protective relays and equipment.
- 14. A Customer's generating facility is transferable to other persons or service locations only after notification to the Company has been made and verification that the installation is in compliance with this tariff. Upon written notification that an approved generating facility is being transferred to another person, customer or location, the Company will verify that the installation is in compliance with this tariff and provide written notification to the customer(s) within 20 business days. If the installation is no longer in compliance with this tariff, the Company will notify the Customer in writing and list what must be done to place the facility in compliance.
- 15. The Customer shall retain any and all Renewable Energy Credits (RECs) that may be generated by their generating facility.

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# **BAD CHECK CHARGE**

# **APPLICABILITY**

Applicable to all customers in the Company's electric service area.

### CHARGE

The Company may charge and collect a fee of \$11.00 to cover the cost of handling an unsecured check, where a customer tenders in payment of an account a check which upon deposit by the Company is returned as unpaid by the bank for any reason.

### SERVICE REGULATIONS

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

lssued b	by authority of	an Order	of the Kentucky P	ublic Service	Commission	dated i	n Case	No. (T)
2017-003	321.							(T)
Issued <sup>.</sup>	September 1	2017			Effective:	October 1, 2017	7	(T)

Issued by James P. Henning, President

Issued: September 1, 2017

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### CHARGE FOR RECONNECTION OF SERVICE

### **APPLICABILITY**

Applicable to all customers in the Company's entire service area who are in violation of Section 1, Rule 3, Company's Right to Cancel Service Agreement or to Suspend Service, of the Company's Electric Service Regulations.

# CHARGE

The Company may charge and collect in advance the following:

- A. The reconnection charge for service which has been disconnected due to enforcement of Rule 3 shall be twenty-five dollars (\$25.00) for reconnections that can be accomplished remotely or seventy-five dollars (\$75.00) for reconnections that cannot be accomplished remotely.
- B. The reconnection charge for service which has been disconnected within the preceding twelve months at the request of the customer shall be twenty-five dollars (\$25.00) for reconnections that can be accomplished remotely or seventy-five dollars (\$75.00) for reconnections that cannot be accomplished remotely.
- C. If service is discontinued because of fraudulent use thereof, the Company may charge and collect in addition to the reconnection charge of twenty-five dollars (\$25.00) for reconnections that can be accomplished remotely or seventy-five dollars (\$75.00) for reconnections that cannot be (T)accomplished remotely, the expense incurred by the Company by reason of such fraudulent use, plus an estimated bill for electricity used, prior to the reconnection of service.
- D. If both the gas and electric services are reconnected at one time, the total charge shall not exceed eighty-eight dollars (\$88.00).
- E. Where electric service was disconnected at the pole because the Company was unable to gain access to the meter, the reconnection charge shall be one hundred twenty-five dollars (\$125.00). If the gas service is also reconnected the charge shall be one hundred fifty (\$150.00).
- F. If the Company receives notice after 2:30 p.m. of a customer's desire for same day reinstatement of service and if the reconnection cannot be performed during normal business hours, and the reconnection cannot be performed remotely, the after hour reconnection charge for connection shall be an additional twenty-five dollars (\$25.00). Customers will be notified of the additional \$25.00 charge for reconnection at the meter or at the pole at the time they request same day service.
- G. If a Company employee, whose original purpose was to disconnect the service, has provided the customer a means to avoid disconnection, service which otherwise would have been disconnected shall remain intact, and no reconnection charge shall be assessed. However, a collection charge of fifty dollars (\$50.00) may be assessed, but only if a Company employee actually makes a field visit to the customer's premises.

# 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 \_, 2017 in Case No. 2017-00321.

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Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018	KY.P.S.C. Electric No. 2 Second Revised Sheet No.92 Cancels and Supersedes First Revised Sheet No. 92 Page 1 of 6	(T) (T)
RATE DPA		(T)
DISTRIBUTION POLE ATTA	CHMENTS	(T)
APPLICABILITY Applicable to the attachment of cable television system distribution pole of the Company by a person (attachee) Company form with submission of information and application. Attachee must contract with Company. Atta excluded from this rate. This rate does not expand the r beyond rights established by law.	) who makes application on an appropriate documents specified herein and in the achees with active joint use agreements are	(T) (T) (T) (T) (T)
ATTACHMENT CHARGES The following annual rental rate per foot of pole shar Company's poles:	Il be charged for the use of each of the	(T)

\$6.35 per foot for a two-user pole. (I)

\$5.31 per foot for a three-user pole.

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 Kentuck No. 2017-00321.	y Public Service Commission dated, 20 in Case	(T) (T)
Issued: September 1, 2017	Effective: October 1, 2017	(T)
Issued by Jam	les P. Henning, President	(T)

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# TERMS AND CONDITIONS

- 1. Prior to the signing of the application, attachee shall send the Company all manufacturers' technical manuals and information, and construction standards and manuals regarding the equipment attachee proposes to use pursuant to the provisions contained herein and such other information as requested by the Company.
- 2. After the Company has received a signed application from attachee and before any attachment is made by attachee, it shall make a written request for permission to install attachments on any pole of the Company, specifying the location of each pole in question, the character of its proposed attachments and the amount and location of space desired. Within 30 days after receipt of such application, the Company shall notify attachee in writing whether or not it is willing to permit the attachments and, if so, under what conditions. If such permission is granted, attachee shall have the right to occupy the space allotted by the Company under the conditions specified in such permit and in accordance with the terms contained herein but Company shall not be required to set a pole for the sole use by attachee. Company will not deny attachee the right to attach to a pole, if space is or can be made available.
- 3. All attachments are to be placed on poles of the Company in a manner satisfactory to the Company and so as not to interfere with the present or any future use which the Company may desire to make of such poles, wires or other facilities. All attachments shall be installed and maintained by attachee so as to comply at least with the minimum requirements of the National Electrical Safety Code and any other applicable regulations or codes promulgated by federal, state, local or other governmental authority having jurisdiction. Attachee shall take any necessary precautions, by the installation of protective equipment or other means, to protect all persons and property of all kinds against injury or damage occurring by reason of attachee's attachments on the Company's poles. The Company shall be the sole judge as to the requirements for the present or future use of its poles and equipment and of any interference therewith.
- 4. In any case where it is necessary for the Company to replace a pole because of the necessity of providing adequate space or strength to accommodate the attachments of attachee thereon, either at the request of attachee or to comply with the above codes and regulations, the attachee shall pay the Company the total cost of this replacement. Such cost shall be the total estimated cost of the new pole including material, labor, and applicable overheads, plus the cost of transferring existing electric facilities to the new pole, plus the cost of removal of the existing pole and any other incremental cost required to provide for the attachments of the attachee, including any applicable taxes the Company may be required to pay because of this change in plant, minus salvage value of any poles removed.

Attachee shall also pay to the Company and other owners thereof the cost of removing all existing attachments from the existing pole and re-establishing the same or like attachments on the newly installed pole. The new pole shall be the property of the Company regardless of any payments by attachee towards its cost and attachee shall acquire no right, title or interest in such pole.

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_, 20\_\_ in Case No. 2017-00321.

Issued: September 1, 2017

Effective: October 1, 2017

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Issued by James P. Henning, President

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# TERMS AND CONDITIONS (Contd.)

- 5. If attachee's proposed attachments can be accommodated on existing poles of the Company by rearranging facilities of the Company and of other attachees or permitees thereon, such rearrangement shall be made by the Company and such other attachees or permitees, and attachee shall on demand reimburse the Company and such other attachees or permitees 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 permitees, or constitute a hazard to the service rendered by the Company or other attachees or permitees, 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.
- Attachee agrees to obtain and maintain at all times during the period attachee has attachments on Company's poles, policies of insurance or bonds in lieu thereof providing an equivalent protection as follows:
  - (a) Public liability and automobile liability insurance for itself in an amount not less than \$500,000.00 for bodily injury to or death of any one person, and, subject to the same limit for any one person, in an aggregate amount not less than \$1,000,000.00 for any one occurrence.

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# TERMS AND CONDITIONS (Contd.)

- (b) Property damage liability insurance for itself in an amount not less than \$500,000.00 for any one occurrence.
- (c) Contractual liability insurance in the amounts set forth in (a) and (b) above, to cover the liability assumed by the attachee under the agreements of indemnity set forth herein.
- 10. Prior to making attachments to the Company's poles, attachee shall furnish to the Company two copies of a certificate or bond, from an insurance carrier or bond company acceptable to the Company, stating the policies of insurance or bond have been issued by it to attachee providing for the insurance or indemnity listed above and that such policies or bonds are in force. Such certificate shall state that the insurance carrier or bond company will give the Company 30 days prior written notice of any cancellation of or material change in such policies or bonds. The certificate or bond shall also quote in full the agreements of indemnity set forth herein as evidence of the type of contractual liability coverage furnished. If such certificate or bond recites that it is subject to any exceptions or exclusions, such exceptions or exclusions shall be stated in full in such certificate or bond, and the Company may, at its discretion, require attachee, before starting work, to obtain policies of insurance or bonds which are not subject to any exceptions or exclusions because of bonds which are not subject to any exceptions 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, make such changes in, including removal or transfer of, its attachments as shall be required by such action of the Company. Attachee shall make such changes within 10 days after written notice when such movement is to the same or another pole of Company and within 30 days when Company plans to abandon a pole and no other pole is available or planned to be installed by Company. If attachee fails to make such changes within the required time period after written notice by the Company or in case of an emergency, the Company reserves the right to make such changes to the attachments of attachee at attachee's expense and without notice, and no liability therefor shall be incurred by the Company, unless Company is solely negligent, because of such action for any consequential damages, including but not limited to loss of service to customers of attachee. Company may not require that attachee remove attachments for the sole reason to make room for Company on an existing pole.
- 12. Attachee may at any time abandon the use of a jointly used pole hereunder by removing therefrom all of its attachments and by giving written notice thereof to the Company.
- 13. Attachee shall secure any right, license or permit from any governmental body, authority, or other person or persons which may be required for the construction or maintenance of attachments of attachee, at its expense. The Company does not guarantee any easements, rights-of-way or franchises for the construction and maintenance of such attachments.

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### TERMS AND CONDITIONS (Contd.)

Attachee hereby agrees to indemnify and save harmless the Company from any and all claims, including the expenses incurred by the Company to defend itself against such claims, resulting from or arising out of the failure of attachee to secure such right, license, permit or easement for the construction or maintenance of such attachments on the Company's poles.

- 14. Electric service for cable television power supplies and other attachments of attachee shall be (T) 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 shall be incurred by the Company because of such action except damages to facilities caused by the sole negligence of Company.
- 19. The area covered by the application will be set forth on a map, attached to, and made a part of the application. Such area may be extended or otherwise modified by a supplemental agreement mutually agreed upon and signed by the attachee and the Company with a new map attached thereto showing the changed area to be thereafter covered by the application. Such supplement shall be effective as of the date of final execution thereof and shall be attached to

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TERMS AND CONDITIONS (Contd.)

all executed copies of the application.

- 20. If attachee does not exercise the rights granted herein within six months from the date of the application, the application shall be void.
- 21. The provisions herein shall be binding upon and inure to the benefit of the parties thereto, their respective successors and/or assigns, but attachee shall not assign, transfer or sublet any of the rights hereby granted or obligations hereby assumed without the prior written consent of the Company.

# SERVICE REGULATIONS

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

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Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018 KY. P.S.C. Electric No. 2Third Revised Sheet No. 93Cancels and SupersedesSecond Revised Sheet No. 93T)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
- (2) Cogeneration Facility
- (3) Small Power Production Facility
- (4) Purchase
- (5) Sale
- (6) Avoided Cost

# OBLIGATIONS

(1) Purchases

The utility shall purchase from qualifying facilities in accordance with 807 KAR 5:054 - Sections 6 and 7.

(12) System

(7) Interconnection Cost

(9) Back-up Power

(10) Interruptible Power

(11) Maintenance Power

(8) Supplementary Power

(2) Sales

The utility shall sell to qualifying facilities in accordance with 807 KAR 5:054 - Section 6.

(3) Interconnections

The utility shall make interconnections with qualifying facilities as may be necessary to accomplish purchases or sales and the qualifying facility will pay for the interconnection costs in accordance with 807 KAR 5:054 - Section 6.

(4) System Emergencies

During system emergencies the utility may discontinue purchases and sales or the qualifying facilities may be required to provide energy or capacity in accordance with 807 KAR 5:054 - Section 6.

# STANDARDS FOR OPERATING RELIABILITY

The technical requirements necessary for operating reliability are set forth in the Company's procedure entitled "Guideline Technical Requirements for Parallel Operation of Customer Generation on the Transmission System."

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# RATE SCHEDULES

Rates for Purchases from qualifying facilities:

- Energy Purchase Rate The purchase rate shall be \$0.027645/kWh for all kilowatt-hours delivered.
- (2) Capacity Purchase Rate

(N) The purchase rate shall be \$3.90/kW-month for eligible capacity utilized by Company and (N) approved by PJM in Company's Fixed Resource Requirements (FRR) plan. Capacity purchases (N) are only applicable when Company requires additional capacity beyond Company owned (N) capacity. No capacity purchase will be made if QF cannot satisfy Company's capacity need or (N) Company does not have a capacity need. Capacity purchases are applicable to delivery years (N) in which capacity is utilized to meet capacity requirements in Company's FRR or successor plan. (N) QF must enter into a written contract with the Company to receive capacity payment. QF is (N) responsible for cost of all facilities on QF's site to meet and maintain eligibility as a PJM capacity (N) resource. QF is subject to all non-performance costs levied by PJM or successor, the Kentucky (N) Public Service Commission, or other applicable entity related to non-performance of QF's facility.

Rates for Sales to qualifying facilities will be accomplished through existing tariff schedules on file with the Ky. PSC.

### SERVICE REGULATIONS, TERMS AND CONDITIONS

The QF shall enter into a written contract with the Company. Such contract shall set forth any specific arrangements between the parties based on the individual circumstances so involved.

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

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### 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
- (2) Cogeneration Facility
- (3) Small Power Production Facility
- (4) Purchase
- (5) Sale
- (6) Avoided Cost

# OBLIGATIONS

(1) Purchases

The utility shall purchase from qualifying facilities in accordance with 807 KAR 5:054 - Sections 6 and 7.

(12) System

(7) Interconnection Cost

(9) Back-up Power

(10) Interruptible Power

(11) Maintenance Power

(8) Supplementary Power

(2) Sales

The utility shall sell to qualifying facilities in accordance with 807 KAR 5:054 - Section 6.

(3) Interconnections

The utility shall make interconnections with qualifying facilities as may be necessary to accomplish purchases or sales and the qualifying facility will pay for the interconnection costs in accordance with 807 KAR 5:054 - Section 6.

(4) System Emergencies

During system emergencies the utility may discontinue purchases and sales or the qualifying facilities may be required to provide energy or capacity in accordance with 807 KAR 5:054 - Section 6.

# STANDARDS FOR OPERATING RELIABILITY

The technical requirements necessary for operating reliability are set forth in the Company's procedure entitled "Guideline Technical Requirements for Parallel Operation of Customer Generation on the Transmission System."

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### RATE SCHEDULES

Rates for Purchases from qualifying facilities:

(1) Energy Purchase Rate

(T) The Purchase Rate for all kilowatt-hours delivered shall be the PJM Real-Time Locational (T) Marginal Price for power at the DEK Aggregate price node, inclusive of the energy, congestion (T) and losses charges, for each hour of the billing month. (T)

(2) Capacity Purchase Rate

(N) The purchase rate shall be \$3.90/kW-month for eligible capacity utilized by Company and (N) approved by PJM in Company's Fixed Resource Requirements (FRR) plan. Capacity purchases (N) are only applicable when Company requires additional capacity beyond Company owned (N) capacity. No capacity purchase will be made if QF cannot satisfy Company's capacity need or (N) Company does not have a capacity need. Capacity purchases are applicable to delivery years (N) in which capacity is utilized to meet capacity requirements in Company's FRR or successor plan. (N) QF must enter into a written contract with the Company to receive capacity payment. QF is (N) responsible for cost of all facilities on QF's site to meet and maintain eligibility as a PJM capacity (N) resource. QF is subject to all non-performance costs levied by PJM or successor, the Kentucky (N) Public Service Commission, or other applicable entity related to non-performance of QF's facility. (N)

Rates for Sales to qualifying facilities will be accomplished through existing tariff schedules on file with the Ky. PSC.

#### SERVICE REGULATIONS, TERMS AND CONDITIONS

The QF shall enter into a written contract with the Company. Such contract shall set forth any specific arrangements between the parties based on the individual circumstances so involved.

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

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# LOCAL FRANCHISE FEE

### APPLICABLE TO ALL RATE SCHEDULES

There shall be added to the customer's bill, listed as a separate item, an amount equal to the fee now or hereafter imposed by local legislative authorities, whether by ordinance, franchise or other means, which fee is based on the gross receipts collected by the Company from the sale of electricity to customers within the boundaries of the particular legislative authority. Such amount shall be added exclusively to bills of customers receiving service within the territorial limits of the authority imposing the fee.

Where more than one such fee is imposed, each of the charges applicable to each customer shall be added to the customer's bill and listed separately.

Where the local legislative authority imposes a flat, fixed amount on the Company, the fee applied to the bills of customers receiving service within the territorial boundaries of that authority, shall be in the form of a flat dollar amount.

The amount of such fee added to the customer's bill shall be determined in accordance with the terms of the ordinance, franchise or other directive agreed to by the Company.

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# RATE UDP-R

# UNDERGROUND RESIDENTIAL DISTRIBUTION POLICY

### APPLICABILITY

Applicable to the electric service of: 1. single family houses in increments of ten (10) or more contiguous lots with a maximum lot width of one hundred twenty (120) feet; or 2. multi-family dwellings in buildings containing five (5) or more individually metered family units. Rate UDP-R is available throughout the service area of the Company in those situations where the Company extends its distribution lines using pad-mounted transformers to serve new developments.

### CHARGES

The following charges will be assessed:

- 1. Single Family Houses.
  - A. \$2.15 per front foot for all primary extensions. Primary extension on private property will be charged \$2.15 per linear trench foot; and
  - B. An additional \$2.00 per linear trench foot shall be charged where extremely rocky conditions are encountered, such conditions being defined as limestone or other hard stratified material in a continuous volume of at least one cubic yard or more which cannot be removed using ordinary excavation equipment.
- 2. Multi-Family Units.

There shall be no charge <u>except</u> where extremely rocky conditions are encountered, then the \$2.00 per linear trench foot, as stated and defined above, shall be charged.

3. Targeted Underground for Service Improvement

Notwithstanding the above charges and upon Kentucky Public Service Commission approval, Company will waive above charges, maintain, and take ownership of customer service lines and equipment (curb, property line, or service lateral to the meter base) to and including the electric meter. This provision applies only to Company designated installations identified to improve the resiliency of service to the customer.

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### GENERAL CONDITIONS

- 1. Others shall, in accordance with the specification of the Company and local inspection authority, furnish, install, own and maintain the customer services excluding installations falling under Charges section Item 3 above. The Company shall connect the customer service cable to its distribution system and provide and install pull-boxes, if necessary.
- 2. The Developer shall furnish and install all conduit and crossovers required by the Company, including all areas where paving is installed prior to the installation of the Company's distribution facilities, and be responsible for installing and maintaining these crossovers in accordance with the Company's specifications and location plans until the underground electric line is completed. A Company inspector must approve all crossovers before the trenches are backfilled; and the Developer shall stake each end of every crossover with a stake marked "ELEC." The Company shall determine where conduit and crossovers are required.
- 3. The Developer shall complete and be responsible for maintaining final grade within the right-ofway and the street until the street has been dedicated and accepted by the local government.
- The Company shall determine the route of all Company-owned underground electric line extensions. Such facilities must be located so as to accessible at all times for switching and maintenance.
- 5. The point at which the underground distribution system begins shall be determined by the Company and the overhead primary extension to this point may be installed as open-wire conductors.
- 6. The Company shall determine equipment locations and such facilities must be accessible from adequate driveways, protected from mechanical hazards and placed so as to maintain proper clearance from building openings.
- 7. The Company shall determine the number of customers to be served from each transformer or pull-box, where meters shall be located and how they shall be grouped.
- 8. The Developer, at the Company's option, may be required to pay to the Company a deposit on the contracted charges when the agreement is executed. The Developer shall pay to the Company the balance due under said agreement at the Company's preconstruction meeting, at which time the work performed by the Company is scheduled.
- 9. The Developer shall furnish to the Company the required number of plat drawings approved by governmental authorities having jurisdiction, and any revisions of such plats, which shall indicate the location of all proposed driveways, parking areas, building openings and sewer, water, gas and telephone facilities.

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### GENERAL CONDITIONS (Contd.)

- 10. The Developer shall stake all required lot corners or control points along the cable route as specified by the Company.
- 11. The Developer shall complete final grade of distribution line route before construction work is started and be responsible for maintaining same during construction. The Company shall permit a maximum cut of six inches for sidewalk and driveways after their facilities have been installed. No fill will be permitted after the Company's facilities have been installed except by written permission from the Company. If it is necessary to change the grade of the Company's facilities due to changes by the Developer, all costs of the change shall be borne by the Developer.
- 12. The underground construction area shall be clear of all other construction forces and, after the underground construction has begun, it shall not be interrupted by other construction forces.
- 13. The Developer shall enter into a written agreement with the Company. This agreement and an attached plan shall constitute written notice when Developer has signed said agreement and the ENDORSEMENT attached to said plat, accepting the location of underground electric facilities as shown thereon. Any additional engineering required or extra construction costs required by the Company shall be borne by the Developer.
- 14. The Developer shall grant to the Company, on its applicable forms, all rights-of-way which in the opinion of the Company are necessary or desirable for such extensions.
- 15. Should the Developer request additional facilities, different routing or termination points, or changes in the facilities planned or installed, the Developer shall pay the total estimated cost to the Company for such additional facilities or changes.
- 16. The Developer shall also pay the cost of any repairs or replacement to the distribution system resulting from the negligent act of acts of the Developer, his agents, workmen, contractors or tenants.

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# RATE UDP-G

# GENERAL UNDERGROUND DISTRIBUTION POLICY

# APPLICABILITY

Applicable to electric service of: 1. single family houses or multi-family dwellings that do not qualify under the Applicability of the Underground Residential Distribution Policy; 2. commercial and industrial customers; or 3. special situations. Rate UDP-G is available throughout the service area of the Company in those situations where the Company extends its distribution lines to serve new developments and Company designated installations identified to improve the resiliency of service to customers not covered by the Underground Residential Distribution Policy.

# 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;
- Furnish, install (concrete, if required), own and maintain all primary and/or secondary conduit system (with spares, if required) on private property meeting applicable codes and Company's specifications; and
- c) Provide the transformer pad and secondary conductors.
- 3. Special Situations

In those situations where the Company considers the pad-mounted transformer installations unsuitable, the customer shall provide the vault designed to meet National Electric Code, other applicable codes, and Company specifications, the conduit to the vault area and the secondary cable to the transformer terminals. The Company shall provide the transformers, the primary vault wiring and make the secondary connection to the transformer terminals.

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### CHARGES (Cont'd.)

In large multiple cable installations, the customer shall provide the cable, provide and install the step bus mounted in the vault, and make necessary cable connections to the step bus to the Company's specifications. The Company shall provide and install connections from the transformer terminals to the step bus.

The customer shall extend the bus duct into the vault to the Company's specifications. The Company shall provide and install connections from the transformer terminals to the bus duct.

4. Targeted Underground for Service Improvement

Notwithstanding the above charges and upon Kentucky Public Service Commission approval, Company will waive above charges, maintain, and take ownership of customer service lines and equipment (curb, property line, or service lateral to the meter base) to and including the electric meter. This provision applies only to Company designated installations identified to improve the resiliency of service to the customer.

### GENERAL CONDITIONS

- 1. Other shall, in accordance with the specifications of the Company and local inspection authority, furnish, install, own and maintain the customer services excluding installations falling under Charges section Item 4 above. The Company shall connect the customer service to its distribution system and provide and install pull boxes, if necessary.
- 2. The customer shall furnish and install all conduit systems required by the Company, and be responsible for maintaining the conduit system in accordance with the Company's specifications and location plans until the underground electric line is completed. A Company inspector must approve all conduit systems before the trenches are backfilled; and the customer shall stake each end of every crossover with a stake marked "ELEC." The Company shall determine where conduit systems are required.
- 3. The customer shall complete and be responsible for maintaining final grade within the right-of-way and the street until the street has been dedicated and accepted by the local government.
- 4. The Company shall determine the route of all Company-owned underground electric line extensions. Such facilities must be located so as to be accessible at all times for switching and maintenance.
- 5. The point at which the underground distribution system begins shall be determined by the Company and the overhead primary extension to this point may be installed as open-wire conductors.
- 6. The Company shall determine equipment locations and such facilities must be accessible from

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### GENERAL CONDITIONS (Cont'd.)

adequate driveways, protected from mechanical hazards and placed so as to maintain proper clearance from building openings.

- 7. The Company shall determine the number of customer to be served from each transformer or pullboxes, where meters shall be located and how they shall be grouped.
- 8. The customer, at the Company's option, may be required to pay to the Company a deposit on the contracted charges when the agreement is executed. Upon completion of construction of the underground electric facilities, the customer shall pay to the Company the balance due under said agreement.
- 9. The customer shall furnish to the Company the required number of plat drawings approved by governmental authorities having jurisdiction, and any revisions of such plats, which shall indicate the location of all proposed driveways, parking areas, building openings and sewer, water, gas, telephone and CATV facilities.
- 10. The customer shall stake all required lot corners or control points along the cable route as specified by the Company.
- 11. The customer shall complete final grade of distribution line route before construction work is started and be responsible for maintaining same during construction. The Company shall permit a maximum cut of six inches for sidewalk and driveways after their facilities have been installed. No fill will be permitted after the Company's facilities have been installed except by written permission from the Company. If it is necessary to change the grade of the Company's facilities due to changes by the customer, all costs of the change shall be borne by the customer.
- 12. The underground construction area shall be clear of all other construction forces and, after the underground construction has begun, it shall not be interrupted by other construction forces.
- 13. The customer shall enter into a written agreement with the Company. This agreement and an attached plat shall constitute written notice when customer has signed said agreement and/or the ENDORSEMENT attached to said plat, accepting the location of underground electric facilities as shown thereon. Any additional engineering required or extra construction costs required of the Company shall be borne by the customer.
- 14. The customer shall grant to the Company, on its applicable forms, all rights-of-way which in the opinion of the Company are necessary or desirable for such extensions.
- 15. Should the customer request additional facilities, different routing or termination points, or changes in the facilities planned or installed, the customer shall pay the total estimated cost to the Company for such additional facilities or changes.

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### GENERAL CONDITIONS (Cont'd.)

- 16. The customer shall also pay the cost of any repairs or replacement to the distribution system resulting from the negligent act or acts of the customer, his agents, workmen, contractors or tenants.
- 17. The customer will not be required to pay the differential in cost between a pad-mounted and polemounted transformer.

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# ELECTRICITY EMERGENCY PROCEDURES

#### FOR

# LONG-TERM FUEL SHORTAGES

#### APPLICABILITY

In the event of an energy emergency which necessitates curtailment of electricity consumption, Duke Energy Kentucky, Inc. and consumers of electric energy supplied by the Company shall take actions set forth herein, except where the Kentucky Public Service Commission (Commission) or other authority having jurisdiction in the matter orders otherwise.

### PROCEDURES

Electricity emergency procedures may be necessary if there is a shortage in the electric energy supply to meet the requirements of consumers of electric energy in the service area of the Company. The procedures set forth the actions to be taken by the Company and consumers of electric energy in the event of a long-term fuel shortage for electric generation jeopardizing electric service to the Company's customers.

#### I. DEFINITIONS

For purposes of this procedure, the Company has adopted the following definitions:

- A. "electricity priority uses" shall mean the amount of electrical energy necessary for protection of the public's health and safety, and for the prevention of unnecessary or avoidable damage to property at:
- 1. Residences (homes, apartments, nursing homes, institutions, and facilities for permanent residents or transients);
- 2. Hospitals;
- 3. Medical and human life support systems and facilities;
- 4. Electric power generating facilities and central heating plants serving the public;
- 5. Telephone, radio, television, and newspaper facilities;

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### DEFINITIONS (Contd.)

- 6. Local and suburban transit systems and air terminal facilities:
- 7. Police and fire fighting facilities;
- 8. Water supply and pumping facilities;
- 9. Sanitary service facilities for collection, treatment, or disposal of community sewage;
- 10. Federal facilities essential to national defense or energy supply;
- 11. Production facilities for natural gas, artificial or synthetic gas, propane, and petroleum fuel, and for fuel refineries;
- 12. Pipeline transmission and distribution facilities for natural gas, artificial or synthetic gas, propane, and petroleum fuels;
- 13. Coal mines and related facilities;
- 14. Production, processing, distribution, and storage facilities for dairy products, meat, fish, poultry, eggs, produce, crackers, bread, and livestock and poultry feed;
- 15. Buildings and facilities limited to uses protecting the physical plant and structure, appurtenances, product inventories, raw materials, livestock, and other personal or real property; and
- 16. Such other similar uses as may be determined by the Kentucky Public Service Commission (hereinafter "Commission").
- B. "non-priority uses" shall mean all uses of electricity other than priority uses.
- C. "consumer" shall mean that person or entity who consumes electric energy from the Company.
- D. "normal burn days" shall mean the number of days of coal supply available for operation of the generating facilities of the Company.
- E. "normal usage" shall mean electric energy consumption by a consumer during the comparable

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#### DEFINITIONS (Contd.)

period during the previous year adjusted for weather or other major changes in usage.

The Company encourages consumers who have electric priority uses to implement the actions required herein to the extent reasonably possible. Consumers who have electric priority uses or have critical equipment or processes should consider the installation of emergency generation equipment if continuity of service is essential.

#### II. LONG-TERM FUEL SHORTAGE

- A. Upon the commencement of a coal miners' strike, officially declared or otherwise, or other happening which could cause a long-term fuel shortage, the Company shall curtail nonessential use of energy on premises controlled by the Company including parking and large area lighting and interior lighting except lighting required for security and safety, and other uses of energy both during and outside normal business hours.
- B. Voluntary Curtailment:
  - 1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to forty (40) days, the Company shall request voluntary conservation by all consumers of at least 25% of all non-priority use of electric.
  - 2. The Company shall implement a public appeals campaign through the news media to its consumers making appropriate suggestions for achieving usage reductions. These reductions should include but not be limited to the following:
    - (a) Reduce outdoor lighting;
    - (b) Reduce general interior lighting levels to minimum levels to the extent this contributes to decreased electricity usage;
    - (c) Reduce show window and display lighting to minimum levels to protect property;
    - (d) Reduce the number of elevators operating in office buildings during non-peak hours;
    - (e) Reduce electric water heating temperature to minimum level.
    - (f) Minimize work schedules for building cleaning and maintenance, restocking, etc., in order to eliminate the necessity for office or commercial and industrial facilities to be open beyond normal working hours;

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### II. LONG-TERM FUEL SHORTAGE (Contd.)

- (g) Minimize electricity use by maintaining a building temperature of no less than 78 degrees Fahrenheit by operation of cooling equipment and no more than 68 degrees Fahrenheit by operation of heating equipment;
- (h) Encourage, to the extent possible, daytime scheduling of entertainment and recreational facilities.
- 3. The Company, through the issuing of periodic bulletins to the news media, shall inform the general public of:
  - (a) The coal supply level of its supplier, at least weekly;
  - (b) The actions which will be required of consumers if it becomes necessary to initiate mandatory curtailment of electric energy and the procedures to be followed prior to and during the period electric usage is restricted.
- C. Mandatory Curtailment Stage One:
  - 1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to thirty (30) days, consumers shall curtail the use of electricity as follows:
    - (a) All previous measures shall be continued except as amended below;
    - (b) All non-priority outdoor lighting is prohibited;
    - (c) All public, commercial, and industrial buildings shall minimize electricity use by maintaining a building temperature of no less than 85 degrees Fahrenheit by the operation of cooling equipment and no more than 60 degrees Fahrenheit by the operation of heating equipment, except where health requirements or equipment protection deem such measures to be inappropriate;
    - (d) All public, commercial, and industrial buildings shall reduce interior lighting to the minimum levels essential for continued work and operations to the extent this contributes to decreased use of electric energy.
- D. Mandatory Curtailment Stage Two:
  - 1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to twenty-five (25) days, consumers shall curtail the use of electricity as follows:

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### II. LONG-TERM FUEL SHORTAGE (Contd.)

- (a) All previous measures shall be continued except as amended below;
- (b) All consumers shall discontinue non-priority use of electricity on two days of each week. Consumers may, in the alternative, elect to reduce total electricity consumption by 25% below normal usage. Consumers choosing the second option must keep records sufficient to document the reduction. The Company shall inform consumers of the days that non-priority use shall be discontinued. Consumers shall not increase non-priority uses above mandatory stage one levels during other days of the week.
- E. Mandatory Curtailment Stage Three:
  - 1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to twenty (20) days, consumers shall curtail the use of electricity as follows:
    - (a) All previous measures shall be continued except as amended below;
    - (b) All consumers shall discontinue non-priority use of electricity on three days of each week. Consumers may, in the alternative, elect to reduce total electricity consumption by 50% below normal usage. Consumers choosing the second option must keep records sufficient to document the reduction. The Company shall inform consumers of the days that non-priority use shall be discontinued. Consumers shall not increase non-priority uses above mandatory stage two levels during other days of the week.
- F. Mandatory Curtailment Stage Four:
  - 1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to fifteen (15) days, all consumers shall discontinue all non-priority use of electricity on all days of each week.
- **III.** The Company shall take such measures in connection with its facilities as are necessary and reasonable for the implementation of these procedures.

Where the integrity of the Company's electric system is in jeopardy, the Company may take additional measures it deems appropriate, such as voltage reduction up to 5% and interruption of selected distribution circuits on a rational basis.

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_, 2017 in Case 2017-00321.

Issued: September 1, 2017

Effective: October 1, 2017

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### **IV. PENALTIES**

Failure of a consumer to comply with the Company's mandatory curtailment stages may subject that consumer's electric service to disconnection by the Company. Where the Company discovers that a consumer has exceeded its directed usage limitation by more than 15% in a thirty (30) day period, the Company shall notify the Commission that, on the third working day after said discovery, it shall disconnect electric service to such consumer until the fuel supply emergency is relieved.

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_, 2017 in Case 2017-00321.

Issued: September 1, 2017

Effective: October 1, 2017

Schedule L-1

### RATE RTP REAL TIME PRICING PROGRAM

### APPLICABILITY

Applicable to Customers served under Rate DS, Rate DT, Rate DP or Rate TT. Service under the RTP Program will be offered on an experimental basis. The incremental cost of any special metering required for service under this Program beyond that normally provided under the applicable Standard Tariff shall be borne by the Customer. Customers must enter into a written service agreement with a minimum term of one year.

#### PROGRAM DESCRIPTION

The RTP Program is voluntary and offers Customers the opportunity to manage their electric costs by either shifting load from higher cost to lower cost pricing periods and adding new load during lower cost pricing periods or to learn about market pricing. Binding Price Quotes will be sent to each Customer on a day-ahead basis. The program is intended to be bill neutral to each Customer with respect to their historical usage through the use of a Customer Baseline Load (CBL) and the Company's Standard Offer Rates.

#### CUSTOMER BASELINE LOAD

The CBL is one complete year of Customer hourly load data that represents the electricity consumption pattern and level of the Customer's operation under the Standard Rate Schedule. The CBL is the basis for achieving bill neutrality for Customers billed under this Rate RTP, and must be mutually agreeable to both the Customer and the Company as representing the Customer's usage pattern under the Standard Rate Schedule (non-RTP). In the event that the Customer's electricity consumption pattern differs significantly from the established CBL, the Company may renegotiate the CBL with the Customer. Agreement on the CBL is a requirement for participation in the RTP Program.

#### **RTP BILLING**

Customers participating in the RTP Program will be billed monthly based on the following calculation:

$$RTP Bill = BC + PC + \sum \{ (CC_t + ED_t) \times (AL_t - CBL_t) \}$$

$$\underline{t=1}$$

Where:

BC	= Baseline	Charge
	-	

PC = Program Charg	je
--------------------	----

CCt	= Commodity Charge for hour t	
-----	-------------------------------	--

- ED<sub>t</sub> = Energy Delivery Charge for hour t
- AL = Customer Actual Load for hour t
- CBLt = Customer Baseline Load in hour t
- n = total number of hours in the billing period
- t = an hour in the billing period

#### BASELINE CHARGE

The Baseline Charge is independent of Customer's currently monthly usage, and is designed to achieve bill neutrality with the Customer's standard offer tariff if no change in electricity usage pattern occurs (less applicable program charges). The Baseline Charge is calculated at the end of the billing period and changes each billing period to maintain bill neutrality for a Customer's CBL.

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**BASELINE CHARGE (Contd.)** The Baseline Charge will be calculated as follows:

BC = (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.

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Charge (Credit) For Each kW Per Hour From The CBL:

For kWh<sub>t</sub> above the CBL<sub>t</sub>,  $CC_t = MVG_t \times LAF$ For kWh<sub>t</sub> below the CBL<sub>t</sub>,  $CC_t = MVG_t \times 80\% \times LAF$ 

Where:

LAF

loss adjustment factor Ξ

- 1.0530 for Rate TT =
- = 1.0800 for Rate DP and Rate DT
- = 1.1100 for Rate DS

MVG<sub>t</sub> = Market Value Of Generation As Determined By Company for hour t

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#### COMMODITY CHARGE (Contd.)

The MVG<sub>t</sub> will be based on the expected market price of capacity and energy for the next day. The expected market price shall be the PJM Day-Ahead Total Locational Marginal Price for power at the DEK Aggregate price node, inclusive of the energy, congestion and losses charges, for each hour,

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	(I)
Primary Service	(I)
Transmission Service	(I)

The kW per hour incremental or decremental usage from the CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

The kW per hour incremental or decremental usage from the CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

#### APPLICABLE RIDERS

The following riders are applicable pursuant to the specific terms contained within each rider:	
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider	(N)
Sheet No. 78, Rider DSMR, Demand Side Management Rider	
Sheet No. 82, Rider PSM, Profit Sharing Mechanism	
Sheet No. 125, Rider DCI, Distribution Capital Investment Rider	(N)
Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider	(N)
	(11)

#### PROGRAM CHARGE

Company will be provide Internet based communication software to be used to provide Customer with the Price Quotes. Customer will be responsible for providing its own Internet access. A charge of \$183,00 per billing period per site shall be added to Customer's bill to cover the additional billing, administrative, and cost of communicating the hourly Price Quotes associated with the RTP Program.

Customer may purchase from either Company or any other third-party suppliers any other necessary equipment or software packages to facilitate participation in this program. While Customers are encouraged to use such equipment or software packages to maximize benefits under this Program, it is not a requirement for program participation. It is Customer's responsibility to ensure the compatibility of third-party equipment or software packages with any Company owned equipment or software packages.

#### SPECIAL TERM AND CONDITIONS

Except as provided in this Rate RTP, all terms, conditions, rates, and charges outlined in the Standard Rate Schedule will apply. Participation in the RTP Program will not affect Customer's obligations for electric service under the Standard Rate Schedule.

Customers who terminate their service agreement under this Rider RTP after the initial one (1) year term shall be ineligible to return to the program for twelve (12) months from the termination date.

The primary term of service is one (1) year consisting of a consecutive twelve month period.

Customers returning to the standard tariff shall have any historical demands in excess of the CBL, waived for Issued by authority of an Order of the Kentucky Public Service Commission dated in Case No.2017-(T) (T) 00321. (T)

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purposes of calculating applicable billing demands.

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

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#### EMERGENCY ELECTRIC PROCEDURES

### APPLICABILITY

In the event of an energy emergency which necessitates curtailment of electric service, Duke Energy Kentucky, Inc. may curtail electrical service to its customers in the manner set forth herein, either at its sole discretion, or under applicable policies, guidelines, directives or procedures issued by the ReliabilityFirst, National Electric Reliability Council (NERC), PJM Interconnection LLC (PJM), or their successor organizations, or when required by the Kentucky Public Service Commission (Commission).

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#### PROCEDURES

#### I. General Rules Applicable to Energy Emergency

Emergency electrical procedures may be necessary in the event of electric supply shortages, transmission constraints, or other emergency conditions in the assigned service area of Duke Energy Kentucky, Inc. and/or outside the assigned service area of Duke Energy Kentucky, Inc.

An emergency means an anticipated or existing shortage in the supply of or constraint in the transmission or distribution of electrical energy, which cannot be avoided by market purchases of energy or transmission capacity and which has or may adversely affect the operation or reliability of generating or transmission and distribution facilities.

In the event of an emergency, Duke Energy Kentucky, Inc. may take any remedial measure that it deems reasonably necessary to alleviate the emergency condition or that may be required either by the Commission or under applicable policies, guidelines, directives or procedures issued by Reliability First, NERC, PJM, or their successor organizations, or Duke Energy Kentucky, Inc.'s emergency plan. During an emergency, Duke Energy Kentucky, Inc. will follow the procedures set forth herein with regard to essential customers as defined in section II, below. Duke Energy Kentucky, Inc. will take the remedial measures to alleviate the emergency conditions as set forth in section II, 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;
- (F) water pumping plants essential to the supply of potable water to a community;
- (G) sewage plants essential to the collection, treatment or disposal of a community's sewage;

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# II. Essential Customers (Contd.)

- (H) emergency management and response facilities and the county-wide "911" system;
- (I) nursing homes;
- (J) central office telephone switching stations; and
- (K) blood banks.

Duke Energy Kentucky, Inc. does not guarantee a continuous and uninterrupted flow of power to any customer. Power interruptions may occur due to many causes other than the emergency procedures set forth herein. Further, essential customers should expect that their power may be interrupted in the event of an emergency due to the nature of the emergency and the normal configuration of electric supply systems.

Essential customers are responsible for anticipating the possibility that power may be interrupted and for developing contingency plans if continuity of service is essential. Such contingency plans may include installing on-site backup generation, uninterruptible power supplies, other alternative power sources or evacuation to another location.

Duke Energy Kentucky, Inc. will make reasonable efforts to maintain service to essential customers during an emergency and will attempt to minimize the time period of any interruption, when practical. Duke Energy Kentucky, Inc. may, however, curtail power to essential customers during an emergency. Duke Energy Kentucky, Inc. will attempt to identify essential customers and maintain a list of these customers for its load curtailment plans. Duke Energy Kentucky, Inc. will verify and update this list annually and review its curtailment rotation schedules in an attempt to minimize the number of essential customers affected by curtailment.

Residential customers may request to participate in Duke Energy Kentucky, Inc's program for critical customers. Residential customers requesting to participate in this program must initially obtain a Medical Certificate from a licensed physician as to the need for and use of life support equipment in their household and must submit the certificate to Duke Energy Kentucky, Inc. along with their request to enroll in the program.

Upon enrollment in the program, Duke Energy Kentucky, Inc. will notify the customer in writing of the customer's options and responsibilities during an interruption, such as the need for backup generation, uninterruptible power supplies, other alternative power sources or evacuation to another location. Duke Energy Kentucky, Inc. will also notify these customers that it cannot guarantee a continuous and uninterrupted flow of power. Duke Energy Kentucky, Inc. will annually verify the customers' eligibility to continue to participate in the program.

Any non-residential customer may apply to be considered an essential customer, provided they must notify Duke Energy Kentucky, Inc. in writing of this request and provide the specific reasons why they should be considered an essential customer. Duke Energy Kentucky, Inc. will respond in writing within ten days of receipt of the request informing the customer whether, in Duke Energy Kentucky, Inc.'s sole discretion, they will be classified as a non-residential essential customer. Non-residential essential customers are also encouraged to develop contingency plans for use during an emergency, such as the need for backup generation, uninterruptible power supplies, other alternative power sources or evacuation to another location.

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#### II. Essential Customers (Contd.)

Essential customers should prepare to implement their contingency plans any time that Duke Energy Kentucky makes a public appeal for voluntary conservation, due to the possibility that Duke Energy Kentucky, Inc. may experience an emergency during such time that Duke Energy Kentucky, Inc. makes public appeals for voluntary conservation.

If Duke Energy Kentucky, Inc. has adequate advance notice that an emergency may occur, then Duke Energy Kentucky, Inc. will attempt to call critical customers to alert them of the possibility of a power interruption. Due to the frequently sudden onset of an emergency and the time necessary to contact all critical customers, Duke Energy Kentucky, Inc. may not be able to contact critical customers in advance of an emergency.

#### III. Remedial Measures in the Event of Emergency

In case of an emergency, Duke Energy Kentucky, Inc. will exercise the following series of load reduction measures to match the load with available generation. These measures are arranged in order of severity of the measures necessary to alleviate the emergency conditions presented. In the case of a sudden or unanticipated emergency, the urgency of the situation may require Duke Energy Kentucky, Inc. to immediately implement the more severe measures.

#### Pricing Signals and Special Contracts

Duke Energy Kentucky, Inc. offers a variety of pricing signals using approved tariffs and special contracts to encourage customers to reduce their load when generation is in short supply. Participating customers may elect to voluntarily reduce their demand based on the terms of these tariffs and contracts.

#### Internal Conservation

Duke Energy Kentucky, Inc. will reduce its own energy consumption by instructing its employees to adjust thermostats, turn off lights and reduce other non-essential loads at Duke Energy Kentucky, Inc.'s facilities.

### **Voltage Reduction**

Duke Energy Kentucky, Inc. may reduce voltages. However, Duke Energy Kentucky, Inc. will not reduce voltage more than 5% below normal allowable ranges.

#### Public and Targeted Appeals for Voluntary Conservation

Duke Energy Kentucky, Inc. will issue news releases to request customers to voluntarily conserve electricity, with suggestions on how to conserve. Duke Energy Kentucky, Inc. will also contact large commercial and industrial customers (1000 kW or more) requesting them to conserve energy.

Depending on the nature of the emergency, Duke Energy Kentucky, Inc. will issue additional news releases advising customers of a more critical need for voluntary conservation and also notifying customers that Duke Energy Kentucky, Inc. may implement rotating blackouts if the emergency conditions are not alleviated. Duke Energy Kentucky, Inc. will contact large commercial and industrial customers (1000 kW or more) requesting them to curtail all non-essential load.

Automatic Reserve Sharing

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### III. Remedial Measures in the Event of Emergency (Contd.)

Automatic Reserve Sharing is a standard method for utilities to aid an adjoining, interconnected utility whose power reserves are low by transmitting power through the interconnection points to raise the reserves of the affected utility. In time of emergency, Duke Energy Kentucky, Inc. may utilize Automatic Reserve Sharing.

### Manual, Involuntary Load Curtailment

Duke Energy Kentucky, Inc. may implement manual load curtailment, which is a controlled process of rotating customer outages during extreme emergencies. NERC policies may require manual curtailment when Duke Energy Kentucky, Inc. experiences an emergency. NERC policies may also require manual curtailment when the reliability of the Eastern Interconnect is threatened by supply or transmission problems unrelated to conditions within Duke Energy Kentucky, Inc.'s transmission system.

### Automatic Load Curtailment

Duke Energy Kentucky, Inc. may implement automatic load curtailment, which is a process where under-frequency relays are used to shed load as soon as the relays detect problems based upon the system frequency. NERC policies may require automatic curtailment when Duke Energy Kentucky, Inc. experiences an emergency or when the Eastern Interconnect is threatened by transmission system reliability problems unrelated to conditions affecting Duke Energy Kentucky's transmission system.

#### **IV. Curtailment Procedures**

Involuntary load curtailment is generally accomplished via remote control of circuits that feed large individual customers and/or general distribution loads. Most general distribution circuits supply many customers including one or more essential customers. Duke Energy Kentucky, Inc. will analyze circuits for curtailment eligibility based upon the ability to perform curtailment via remote control and upon the type of load the circuits serve. Duke Energy Kentucky, Inc. will attempt to limit the number of circuits within Duke Energy Kentucky, Inc.'s system and the number of customers served by Duke Energy Kentucky, Inc., it is likely that Duke Energy Kentucky, Inc. will interrupt power to some essential customers if involuntary load curtailment procedures become necessary to alleviate emergency conditions. Duke Energy Kentucky, Inc. will adjust manual involuntary curtailment schedules and attempt to provide advance notification to essential customers if involuntary load curtailment of customers if involuntary load curtailment procedures become necessary to alleviate emergency conditions.

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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/ReliabilityFirst 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.

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- (C) Duke Energy Kentucky, Inc. may use any or all of the remedial measures in section III, above.
- (D) If the transmission system frequency is above 59.8 Hz and Duke Energy Kentucky, Inc. cannot reasonably balance resources to load, then Duke Energy Kentucky, Inc. may curtail firm load to balance resources to load.
- (E) If the transmission system frequency is at or below 59.8 Hz, then Duke Energy Kentucky, Inc. may curtail firm load to balance resources to load.
- (F) If the transmission system frequency is at or below 59.7 Hz, then Duke Energy Kentucky, Inc. may curtail firm load to assist in maintaining regional system integrity.

Automatic under-frequency load shedding may occur in the event of a sudden decline of the frequency on the ReliabilityFirst System or a sudden breakup that isolates all or parts of the Kentucky transmission system from other interconnected transmission systems. The under-frequency load shed may occur according to the following schedule, with each step shedding approximately an additional five percent of load as compared to the system load:

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<u>Step</u>	Freg-Hz	Approximate % Load Shed
1	59.5	5.0
2	59.3	5.0
3	59.1	5.0
4	58.9	5.0
5	58.7	5.0

Under these circumstances, Duke Energy Kentucky, Inc. will interrupt power of selected distribution circuits and lines serving customers throughout its assigned service area at Duke Energy Kentucky, Inc.'s sole discretion.

If automatic load shedding has occurred and frequency is still declining, Duke Energy Kentucky, Inc. may take any additional actions that it deems reasonably necessary to arrest the decline. This may include additional load shedding and coordinated network separations.

If necessary to resynchronize the isolated area or to curtail the decline in frequency, Duke Energy Kentucky, Inc. may take the following steps in the sequence set forth below:

- (A) Duke Energy Kentucky, Inc. may, at its discretion, interrupt power to controlled service loads and to loads rendered service under interruptible tariffs.
- (B) Duke Energy Kentucky, Inc. may reduce voltage up to five percent when deemed appropriate.
- (C) Duke Energy Kentucky, Inc. may manually shed load.

Duke Energy Kentucky, Inc. shall not be liable for power interruptions attributable to:

(A) the availability of or malfunctions in generation or transmission facilities;

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- (B) malfunctions in the local distribution system due to conditions beyond Duke Energy Kentucky. Inc.'s control, such as storms, floods, vandalism, strikes, fires, or accidents caused by third parties:
- (C) Duke Energy Kentucky, Inc. following any applicable orders, policies, guidelines, directives or procedures issued by the Commission, governmental authorities, ReliabilityFirst, National (T) Electric Reliability Council (NERC), PJM, or their successor organizations; provided that (T) 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.

The provisions of these Emergency Electrical Procedures are subject to the provisions of Duke Energy Kentucky, Inc.'s Retail Electric Tariff, as then in effect and approved by the Commission, including but not limited to the provisions of Duke Energy Kentucky, Inc.'s General Terms And Conditions For Electric Service.

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### SERVICE REGULATIONS

Duke Energy Kentucky, Inc.

Erlanger, Kentucky 41018

4580 Olympic Blvd.

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

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### RIDER DCI DISTRIBUTION CAPITAL INVESTMENT RIDER

### APPLICABILITY

Applicable to all retail sales in the Company's electric service area beginning with the billing month April 2019. This rider does not apply to customers taking service under Rate TT, Time of Day Rate for Service at Transmission Voltage.

# CALCULATION OF RIDER DCI REVENUE REQUIREMENT

The Rider DCI revenue requirement includes the following:

- a. DCI-related Plant In-Service not included in base electric rates minus the associated DCIrelated accumulated depreciation and accumulated deferred income taxes;
- b. Retirement and removal of plant related to DCI-related construction;
- c. The rate of return on the net rate base is calculated using the cost of debt and pretax cost of equity from the most recent electric base rate case;
- Depreciation expense on the DCI-related Plant In-Service less retirements and removals; and
- e. Property taxes related to DCI-related Plant.

#### DEFINITIONS

DCI-related plant includes those facilities and equipment constructed pursuant to Commissionapproved programs and projects to improve distribution reliability.

### CHARGES

The applicable energy or demand charge for electric service shall be increased or decreased to the nearest \$0.000001 per kWh or \$0.01 per kW to recover the revenue requirement associated with incremental distribution capital costs incurred by the Company. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

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Rate Group	Rate	
	(\$ / kWh)	(N)
Rate RS, Residential Service	0.00000	(N)
Rate EH, Optional Rate for Electric Space Heating	0.000000	(N)
Rate GS-FL, Optional General Service Rate for Small Fixed Loads	0.00000	(N)
Rate SP, Seasonal Sports Service	0.000000	(N)
Rate SL, Street Lighting Service	0.00000	(N)
Rate TL, Traffic Lighting Service	0.00000	(N)
Rate UOLS, Unmetered Outdoor Lighting	0.00000	(N)
Rate NSU, Street Lighting Service for Non-Standard Units	0.00000	(N)
Rate SC, Street Lighting Service – Customer Owned	0.000000	(N)
Rate SE, Street Lighting Service – Overhead Equivalent	0.00000	(N)
Rate LED, LED Outdoor Lighting Electric Service	0.00000	(N)
	(A. ( ) ) A.	(N) (N)
	(\$/kW)	(N)
Rate DS, Service at Secondary Distribution Voltage	0.00	(N)
Rate DP, Service at Primary Distribution Voltage	0.00	(N)
Rate DT, Time-of-Day Rate for Service at Distribution Voltage – Primary	0.00	(N)
Rate DT, Time-of-Day Rate for Service at Distribution Voltage – Secondary	0.00	(N)
		(N)
SERVICE REGULATIONS, TERMS AND CONDITIONS		(N) (N)
The supplying and billing for service and all conditions applying thereto, are of the Kentucky Public Service Commission, and to Company's Service effect, as filed with the Public Service Commission of Kentucky.		(N) (N) (N)

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

Issued: September 1, 2017

Effective: October 1, 2017

(N)

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Duke Energy Kentucky, Inc.	KY. P.S.C. Electric No. 2
4580 Olympic Blvd.	Original Sheet No. 126
Erlanger, Kentucky 41018	Page 1 of 2

### FERC TRANSMISSION COST RECONCILIATION RIDER

#### APPLICABILITY

Applicable to all retail sales in the Company's electric service area beginning with the billing month April 2018.

#### DEFINITIONS

The applicable energy charge for electric service shall be increased or decreased to the nearest \$0.000001 per kWh to reflect the recovery of Incremental Transmission Expense (ITE) equal to the difference between the actual transmission costs invoiced by a Regional Transmission Organization (RTO) pursuant to its FERCapproved tariffs and the amount of such costs included in base rates according to the following formula.

Rider FTR Factor = (ITE + R) / S

(1) Quarterly ITE is the incremental transmission costs over the amount included in base rates and (N) equals:

Where,

- a. CPTE = Quarterly transmission expense.
- b. BTRE = One fourth of the transmission expense included in base rates for Kentucky (N) retail customers. (The annual amount of \$18,963,763 ÷ 4 = \$4,740,941) (N) (N)
- (2) Current Period Transmission Expense, CPTE

Where,

				(N)
	NITS	н	Network Integration Transmission Service Charges and Credits (Attachment H-22A)	(N) (N) (N)
	PTP	=	Point to Point (PTP) Transmission Service (Schedule 7 and 8)	(N) (N)
	ΤΟΑ	=	Transmission owner scheduling, system control and dispatch service (Schedule 1A)	(N) (N) (N) (N)
	ADM	=	RTO Administrative Charges (Schedule 9 and 10)	(N) (N) (N)
Issued by a	uthority of an O	rder	of the Kentucky Public Service Commission dated in Case No. 2017-00321.	(N) (N)
Issued: Se	eptember 1, 201	17	Effective: October 1, 2017	(N) (N) (N)

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018	KY. P.S.C. Electric No. 2 Original Sheet No. 126 Page 2 of 2
TEC = Transmission Enhancement Charges (S	Schedule 12)
O = Other RTO Transmission Costs	
(3) R = Reconciliation of prior period Rider FTR actual period.	
(4) S = Current quarter sales in kWh used in the current qu	
RIDER FTR FACTORS	
Rate Group	Rate
	(\$ / kWh)
Rate RS, Residential Service	0.000000
Rate DS, Service at Secondary Distribution Voltage	0.000000
Rate DP, Service at Primary Distribution Voltage	0.000000
Rate DT, Time-of-Day Rate for Service at Distribution Voltage	0.00000
Rate EH, Optional Rate for Electric Space Heating	0.00000
Rate GS-FL, General Service Rate for Small Fixed Loads	0.00000
Rate SP, Seasonal Sports Service	0.000000
Rate SL, Street Lighting Service	0.000000
-	0.000000
Rate TL, Traffic Lighting Service	0.000000
Rate UOLS, Unmetered Outdoor Lighting	0.000000
Rate NSU, Street Lighting Service for Non-Standard Units	0.000000
Rate SC, Street Lighting Service – Customer Owned	0.000000
Rate SE, Street Lighting Service – Overhead Equivalent	0.00000
Rate LED, LED Street Lighting Service	0.00000
Rate TT, Time-of-Day Rate for Service at Transmission Voltage	0.000000
Other	0.000000
SERVICE REGULATIONS, TERMS AND CONDITIONS	
The supplying and billing for service and all conditions applying th	ereto, are subject to the jurisdiction of the
Kentucky Public Service Commission, and to Company's Service F	Pequiptions our onthe in offert, on filed with
the Public Service Commission of Kentucky.	-
ssued by authority of an Order of the Kentucky Public Service Commission	
Issued: September 1, 2017	Effective: October 1, 2017
	ident
Issued by James P. Henning, Pres	ident

Issued by James P. Henning, President

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Schedule L-1 Page 146 of 148 Witness Responsible: Bruce Sailers



	Account Number 1212-1212-12-4	80	21	Due DateAmount Duemmm dd, yyyy\$ 78.79
-				SS WinterCare Contribution Amount Enclosed (for Customer Assistance)
_	Current Customer 12345 Your Street Your City ST 12345-1234			PO Box 9001076 Louisville KY 40290-1076

# 200 00000078794 12121212124 mmmddyyyy2 00000080867

			Page 1 of 2
Name/Service Address	For Inquiries Call		Account Number
Current Customer 12345 Your Street Your City ST 12345-1234	Duke Energy	1-800-123-4567	1212-1212-12-4
Mail Payments To	Account Info	rmation	
PO Box 9001076 Louisville KY 40290-1076	Payments after mmm dd not included Last payment received mmm dd		n mmm dd, yyyy Iding mmm dd, yyyy

Urgent Messages are printed in this section of the bill with a box around the message text.

		Readin		~	Meter R		
Meter	Number	From	То	Days	Previous	Present	Usage
Gas	111111111	mmm dd	mmm dd	30	1975	1993	18
Elec	222222222	mmm dd	mmm dd	30	<b>2</b> 1202	21789	587

Gas – Residentiat	•
Usage - 18 CCF	
Duke Energy - Rate RS	\$ 33.20
Current Gas Charges	\$ 33.20
Gas Cost Recovery Chrg: x.xxxx	xxxx/CCF
Electric - Residential	
Usage - 587 kWh	
Duke Energy - Rate RS	\$ 41.34
Current Electric Charges	<u>s 41,34</u>
Taxes	
Taxes	\$ 4.25

Current Billing	
Amt Due - Previous Bill	\$ 100.87
Payment(s) Received	100.87 cr
Balance Forward	0.00
Current Gas Charges	\$ 33.20
Current Electric Charges	41.34
Taxes	4.25
Current Amount Due	\$ 78.79

Printed on recycled paper and is recyclable.

Non-Urgent Bill Messages appear in this section of the bill

Duc Date	Amount Due	After mmm dd yyyy	
mmm dd, yyyy	\$ 78.79	\$ 80.86	



Name	Service Addre	SS	Account Number	
Current Customer	12345 Your S	12345 Your St Your City ST 12345-1234		
	Explanation of Curren	t Charges	·	
Gas	Duke Energy			
Meter # 111111111	Rate RS - Residential Service			
CCF Usage - 18				
	Customer Charge	S xx.xx		
	Gas Delivery Charge			
mmm dd - mmm dd	18 CCF @ \$ x.xxxxxxx	XX.XX		
30 Days	Gas DSM Rider			
	18 CCF @ \$ x.xxxxxxx	x.xx		
	Rider MSR-G			
	18 CCF @ S x.xxxxxxx	<b>x.</b> XX		
	Gas Cost Recovery		\$ xx.xx	
	18 CCF @ \$ x.xxxxxx	xx.xx		
		Total Current Gas Charges	\$ xx.xx	
Electric	Duke Energy			
Meter # 222222222	Rate RS – Residential Srvs-xxxxxx	4		
kWh Usage 587				
	Customer Charge	S x.xx		
mmm dd - mmm <b>dd</b>	Energy Charge			
30 Days	587 kWh @ S x.xxxxxx	x.xx		
	Elec DSM Rider			
	587 kWh @ \$ x.xxxxxx	x.xx		
	Elec ESM Rider			
	587 kWh @ \$ x.xxxxxx	x.xx	1	
	Elec FTR Rider			
	587 kWh @ Sx.xxxxxxx	x.xx		
	Elec DCI Rider			
	587 kWh @ \$x.xxxxxxx	x.xx		
	Rider PSM			
	587 kWh @ \$x.xxxxxxxcr	x.xxci	-	
	Elec Fuel Adjustment			
	587 kWh @ \$x.xxxxxxcr	x.xxci	S xx.xx	
	lõta	I Current Electric Charges	\$ xx.xx	

	Explanation of Tax	es	
Taxes			
	Rate Incr for School Tax	S x.xx	<b>5</b>
	Kentucky State Tax	XX.XX	S x x.xx
		Total Taxes	S x x.xx

Charts and Graphs inserted here

	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
Gas	143	87	58	24	38	7	27	17	29	142	238	191	18
Electric	1025	1209	1211	1478	1855	1689	1698	1528	1035	1376	1575	1352	587

Appendix A

#### **Bill Payment Made Easy**

Paperless Billing - View and pay your bill for free by registering at www.duke-energy.com Payment Advantage - Free Service, payment automatically drafts from your bank account. Enroll at www.duke-energy.com/paymybill or call 1-800-544-6900. Speedpay\*- Pay by phone 1-800-544-6900 with credit card or check. A convenience fee will be charged.

#### EXPLANATION OF ESTIMATED CHARGES

Meters are scheduled to be read monthly. Regular meter reedings are essential for accurate billing. When we are unable to read a meter, the usage is estimated based on previous bills. An estimated read will be considered the same as an actual read.

#### PAYMENT OF BILLS

In order to avoid paying a late charge, please mail your payment to Duke Energy several days before the due date. Or, if you prefer, you may pay by phone through Speedpay, pay online with Paperless-Billing, or pay automatically through Payment Advantage. Payments can also be made at a Pay Agent location. For more information about our bill payment options, please visit us at www.duke-energy.com or call 1-800-544-6900. When you pay by check, you authorize us to convert your check into a one-time electronic check payment to process the payment as a regular check transaction.

Disconnection of your utility service(s) will not result from failure to pay any non-tariffed or non-regulated products or services.

#### LATE PAYMENT CHARGE INFORMATION

A penalty may be assessed if a customer fails to pay a bill for services by the due date shown on the customer's bill. The penalty may be assessed only once on any bill for rendered services

#### EXPLANATION OF BILL LANGUAGE (The following terms will not appear on every bill)

BBP Cycle	Period of time used to calculate the current Budget Billing monthly installment amount.	Eiec. Rate	Code that identifies the rate used to determine the Electric Usage Charge.
CCF	Gas usage, measured in hundreds of cubic feet.	EST or E	Estimated Meter Read.
CR	Credited amount.	Gas Rate	Code that identifies the rate used to determine the Gas Usage Charge.
Current Gas Charges	Total of all charges based on gas usage during the current billing period.	kWh	Electric usage measured in kilowatt-hours.
Customer Charge	Charge for administrative costs, including meter reading, billing, and collecting. The Customer	Late Payment	Additional charge added to the bill if the Amount To Pay is not received in full by the due date.
	Charge for each service includes 10 cents for an energy assistance program approved by the Public Service Commission.	Meter Multiplier	Constant number that the meter reading usage is multiplied by to obtain the energy usage.
		Usage	Amount of energy used during the billing period.

#### GAS COST INFORMATION

The GAS COST ADJUSTMENT (GCA) rate is the cost (per 100 cubic feet) of gas we purchase from our suppliers. This rate varies periodically as gas prices to us increase or decrease, Duke Energy makes no profit on this charge since it is based on the actual cost we pay our suppliers for the gas we purchase and resell. The GCA amount is included in your total bill as an addition to the Gas Usage Charge, which covers our normal operating expenses for delivering gas to you.

#### ELECTRIC COST INFORMATION

The ELECTRIC FUEL ADJUSTMENT (EFA) rata is the increase or decrease (since determination of the Base Period Fuel Cost) in the cost of fuel purchased from our supplier and used to generate electricity. The EFA rate is computed monthly eccording to a formula established by the Kentucky Public Service Commission. Duke Energy makes no profit on the EFA since it is based on the actual cost of fuel used to generate electricity. The amount of the EFA is included in your total bill.

#### BILLING OR SERVICE INQUIRIES

If you have a question about your bill or service, call us et 1-800-544-8900. You may also write to our Customer Services Depertment at P.O. Box 960, Mail Drop 309C, Cincinnati, OH 45201, contact us by fax at 1-800-366-4704, or e-mail us at www.duke-energy.com. Rate schedules and service regulations are available upon request.

#### SECURITY DEPOSIT INFORMATION

If the utility will or may retain either an equal or calculated deposit for more than eighteen (18) months, at the customer's request, the deposit wi calculated every eighteen (18) months based on actual usage of the customer. If the deposit on account differs by more than ten (10) dollars for residential customers, from the deposit calculated on actual usage, then the utility shall refund any over-collection and may collect any overpeyment.

#### BUSINESS HOURS

OFFICE HOURS: Cincinnati - 8:00 a.m. - 5:00p.m. Monday - Friday Erlanger- 8:00 a.m. - 5:00 p.m. Monday - Friday

Payments and Customer Sarvice are not offered at either location

For Correspondence; PO Box 1326 Charlotte, NC 28201

# SERVICE EMERGENCY NUMBERS

Gas Trouble - 1-800-634-4300 Electric Trouble - 1-800-543-5599 Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018

Schedule L-2.1 Page 1 of 138 Witness Responsible: Bruce Sailers KY. P.S.C. Electric No. 2 Original Sheet No. 01 Page 1 of 1

# TABLE OF CONTENTS

Tariff Sheet No. Series	Description	Summary of Applicability*
- 01	Title Page 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 a public or private nature.
70	Optional Riders	Riders necessary to determine total amount of monthly bill to customers under special circumstances.
80	Fuel Riders	Riders necessary to determine total amount of monthly bill to all customers receiving electric service.
90	Miscellaneous	Miscellaneous periodic charges not reflected in standard service tariffs.

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

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

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Issued by Julie Janson, President

Schedule L-2.1 Page 2 of 138 Witness Responsible: Bruce Sailers

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018 KY. P.S.C. Electric No. 2Second Revised Sheet No. 20Cancels and SupersedesFirst Revised Sheet No. 20Page 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 <u>December 21, 2006</u> in Case No. <u>2006-00172</u>.

Issued: September 29, 2010

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#### Schedule L-2.1 Page 3 of 138 Witness Responsible: Bruce Sailers

	KY. P.S.C. Electric No. 2
	<u>Second</u> Revised Sheet No. 20
Duke Energy Kentucky, Inc.	Cancels and Supersedes
4580 Olympic Blvd.	First Revised Sheet No. 20
Erlanger, KY 41018	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.

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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 <u>December 21, 2006</u> in Case No. <u>2006-00172</u>.

Issued: September 29, 2010

Schedule L-2.1 Page 4 of 138 Witness Responsible: Bruce Sailers

	KY.P.S.C. Electric No. 2	
	First Revised Sheet No. 21	(T)
Duke Energy Kentucky, Inc.	Cancelling and Superseding	
4580 Olympic Blvd.	<u>Original</u> Sheet No. 21	(T)
Erlanger, Kentucky 41018	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.

Not withstanding 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 December 21, 2006 in Case	(T)
No. <u>2006-00172</u> ,	(T)

Issued: September 29, 2010

Effective: September 30, 2010

Schedule L-2.1 Page 5 of 138 Witness Responsible: Bruce Sailers

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018 KY.P.S.C. Electric No. 2 <u>First</u> Revised Sheet No. 21 Cancelling and Superseding <u>Original</u> 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 <u>December 21, 2006</u> in Case No. <u>2006-00172</u>.

Issued: September 29, 2010

Effective: September 30, 2010

Issued by Julie Janson, President

Schedule L-2.1 Page 6 of 138 Witness Responsible: Bruce Sailers

KY.P.S.C. Electric No. 2Duke Energy Kentucky, Inc.First Revised Sheet No. 21Duke Energy Kentucky, Inc.Cancelling and Superseding4580 Olympic Blvd.Original Sheet No. 21Erlanger, Kentucky 41018Page 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 <u>December 21, 2006</u> in Case No. <u>2006-00172</u>.

Issued: September 29, 2010

Effective: September 30, 2010

Schedule L-2.1 Page 7 of 138 Witness Responsible: Bruce Sailers

	KY.P.S.C. Electric No. 2	
	First Revised Sheet No. 22	(T)
Duke Energy Kentucky, Inc.	Cancelling and Superseding	
4580 Olympic Blvd.	Original Sheet No. 22	(T)
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# SECTION III - CUSTOMER'S INSTALLATIONS

## 1. Nature and Use of Installation.

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

## 2. Low Power Factor Equipment Installation.

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

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

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

# 3. Special Power Apparatus.

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

# 4. Changes in Installations.

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

Issued by authority of an Order of the Kentucky Public Service Commission dated <u>December 21, 2006</u> in Case No. <u>2006-00172</u>.

Effective: September 30, 2010

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## SECTION IV - COMPANY'S INSTALLATION

# 1. Installation and Maintenance.

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

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

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

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

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

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

## 3. Relocation of Facilities

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

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

Issued by	authority	of an	Order of	the	Kentucky	Public	Service	Commission	dated	December 21	<u>, 2006</u>
in Case N	o. <u>2006-00</u>	<u>)172</u> .									

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# SECTION V - METERING

### 1. Installation of Meters.

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

## 2. Meter Tests.

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

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

## 3. Monitoring of Customer Usage.

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

- The customer's monthly usage is monitored through a "hi-lo" review process. <u>An estimating factor</u> is utilized to provide an expected level of usage. The estimating factor considers the customer's past usage and current variables, such as weather.
- The actual usage is compared to an estimate based on the previous month's usage, an estimate based on the usage from the same month, one year previous, and an estimate based on the usage from the same month, two years previous.
- 3. If there is a substantial difference between the actual and estimated usages, the account will be reviewed manually to determine the appropriate usage level.
- 4. Where the difference is not otherwise explained, the Company may obtain a special meter read to verify the accuracy of the previous usage.
- 5. Where the difference is still unexplainable after taking the special meter read, the Company may test the customer's meter to determine its accuracy.
- 6. The Company will notify the customer of the investigation, its findings, and any refund or back billing to be made, in accordance with 807 KAR 5:006, Section 10 (4) and (5).

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

Issued by authority of an Order of the Kentucky Public Service Commission dated <u>December 21, 2006</u> in Case No. <u>2006-00172</u>.

Issued: September 29, 2010

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### SECTION VI - BILLING AND PAYMENT

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

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

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

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

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

#### 2. Information on Customer Bills.

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

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

Issued by authority of an Entry of the Kentucky Public Service Commission dated <u>January 24, 2013</u> in Filing No. <u>TFS2012-01178</u>.

Issued: December 21, 2012

Effective: January 21, 2013

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Issued by Jim Henning, President

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

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

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

#### 4. Temporary Discontinuance of Service.

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

#### 5. Selection of Rate Schedule.

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

## 6. Change to Optional Rate Schedule.

A customer being billed under one of two or more optional Rate Schedules applicable to his class of service may elect to be billed on any other applicable Rate Schedule by notifying Company in writing, and Company will bill customer under such elected Schedule from and after the date of the next meter reading. However, a customer having made such a change of Rate Schedule may not make another such change within the next twelve months.

## 7. Availability of Budget Billing.

Company has available to its customers a "Budget Billing Plan" which <u>minimizes</u> billing amount fluctuations over a twelve month period. The Company may exercise discretion as to the availability of such <u>a plan</u> 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.

 Issued by authority of an Entry of the Kentucky Public Service Commission dated January 24, 2013 in Filing No.
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Issued: December 21, 2012

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

If the customer fails to pay bills as rendered under the Budget Payment Plan<u>, the Company reserves the (T)</u> 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.

## 8. Partial payment Plans.

Issued: December 21, 2012

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

## 9. Bill Format

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

Issued by authority of an Entry of the Kentucky Public Service Commission dated January 24, 2013 in Filing No. TFS2012-01178.

Effective: January 21, 2013

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## SECTION VII - DEPOSITS

#### 1. Deposits.

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

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

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

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

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

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

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# SECTION VII - DEPOSITS (Contd.)

## 2. All Calculated Deposits.

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

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## SECTION VIII - APPLICATION

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

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

## 2. Agents Cannot Modify Agreement.

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

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Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018 Schedule L-2.1 Page 16 of 138 Witness Responsible: Bruce Sailers KY.P.S.C. Electric No. 2 <u>Seventh</u> Revised Sheet No. 30 (T) Cancels and Supersedes <u>Sixth</u> Revised Sheet No. 30 (T) 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>\$4.50</u>	per month	(I)
	(b) Energy Charge			
	All kilowatt hours	<u>\$0.07545</u>	<u>6</u> per kWh	(I)
:	2. Applicable Riders			
	The following riders are applicable pursuant to the specific t	erms contained	d within each rider:	(N)
	Sheet No. 78, Rider DSMR, Demand Side Management Rid	der		(11)
	Sheet No. 80, Rider FAC, Fuel Adjustment Clause			
	Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider -	Electric		(D)
	Sheet No. 82, Rider PSM, Profit Sharing Mechanism			
				(N)

(T)

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

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Issued by James P. Henning, President	(1)

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### LATE PAYMENT CHARGE

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

## TERMS AND CONDITIONS

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

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

Issued by authority of an Order of the Kentucky Public Service	
Commission dated July 31, 2017 in Case No. 2017-00005.	(T)
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## RATE DS

## SERVICE AT SECONDARY DISTRIBUTION VOLTAGE

#### APPLICABILITY

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

## TYPE OF SERVICE

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

### NET MONTHLY BILL

Computed in accordance with the following charges provided, however, that the maximum monthly rate, excluding the customer charge, and all applicable riders, shall not exceed <u>\$0.241184</u> 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 Three Phase Service	<u>\$ 7.50</u> <u>\$ 15.00</u>	per month per month	(I) (I)
(b)	Demand Charge	<b>*</b> • • • •		
	First 15 kilowatts Additional kilowatts	\$ 0.00 <u>\$ 7.75</u>	per kW per kW	(I)
(C)	Energy Charge			(
	First 6,000 kWh	\$0.081645		(I) (I)
	Next 300 kWh/kW	\$0.050119 \$0.041042		(I)
	Additional kWh	<u>\$0.041043</u>	<u>p</u> er kvvn	
2. Ap	plicable Riders			
	The following riders are applicable pursuant to the specific terms cor	itained with	in each rider:	(N)
	Sheet No. 78, Rider DSMR, Demand Side Management Rider			()
	Sheet No. 80, Rider FAC, Fuel Adjustment Clause			
	Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric			(D)

The minimum charge shall be the Customer Charge shown above.

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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 <u>\$0.148065</u> per kilowatt-hour (I) plus all applicable riders.

(N)

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### NET MONTHLY BILL (Cont'd)

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

#### METERING

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

### DEMAND

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

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

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

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

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

#### POWER FACTOR ADJUSTMENT

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

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

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

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### POWER FACTOR ADJUSTMENT (Cont'd)

b. Testing

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

#### LATE PAYMENT CHARGE

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

#### TERMS AND CONDITIONS

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

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

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

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

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

Issued by authority of an Order of the Kentucky Public Service Commission dated July 31, 2017 in Case No. 2017-00005.	
Issued: August 18, 2017	(T) (T)

Effective: <u>August 30, 2017</u> Issued by James P. Henning, President

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## RATE DT

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

### APPLICABILITY

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

#### TYPE OF SERVICE

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

## NET MONTHLY BILL

1.

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

Base	Rate		
(a)	Customer Charge Single Phase Three Phase Primary Voltage Service	<u>\$ 7.50</u> per month <u>\$ 15.00</u> per month <u>\$100.00</u> per month	(I) (I) (I)
(b)	Demand Charge		
	Summer		
	On Peak kW	<u>\$ 12.75</u> per kW	(I)
	Off Peak kW	<u>\$ 1.15</u> per kW	(I)
	Winter		
	On Peak kW	<u>\$ 12.07</u> per kW	(I)
	Off Peak kW	<u>\$ 1.15</u> per kW	(I)
(c)	Energy Charge		
	Summer On Peak kWh	<u>\$0.044195</u> per kWh	(I)
	Winter On Peak kWh	\$0.042195 per kWh	(I)
	Off Peak kWh	\$0.036195 per kWh	(I)

(T)

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Issued by James P. Henning, President	(1)

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

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### Low Load Factor Optional Rate - Pilot Program

Customers with annual load factors of 45% or lower are eligible to receive service at the following rates. Annual load factor is defined as the sum of the kWh during the prior year divided by the sum of the kW during the prior year divided by 730. This pilot program low load factor optional rate will remain in effect through December 31, 2007. The Company may apply to continue this pilot program beyond December 31, 2007, subject to Commission approval.

### Base Rate

(a) Customer Charge	
Single Phase	\$ 7.50 per month
Three Phase	\$ 15.00 per month
Primary Voltage Service	\$100.00 per month
(b) Demand Charge Summer	
	£ 11.00 mon 1/1/1
On Peak kW	<u>\$ 11.90 per kW</u>
Off Peak kW	<u>\$ 1.15 per kW</u>
Winter On Peak kW	\$ 10.54 per kW
Off Peak kW	\$ 1.15 per kW
(c) Energy Charge	
Summer On Peak kWh	\$0.046857 per kWh
Winter On Peak kWh	\$0.044857 per kWh
Off Peak kWh	\$0.038857 per kWh

#### 2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:	(N)
Sheet No. 78, Rider DSMR, Demand Side Management Rider	(2))
Sheet No. 80, Rider FAC, Fuel Adjustment Clause	
<u>Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric</u>	(D)
Sheet No. 82, Rider PSM, Profit Sharing Mechanism	(N)
	(11)

(T)

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.

Issued by authority of an Order of the Kentucky Public Service Commission dated July 31, 2017 in Case No. 2017-00005.

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		(T)
Effective: August 30, 2017	•	(T)
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### RATING PERIODS

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

a) On Peak Period

Summer - 11 a.m. to 8 p.m. Monday through Friday, excluding holidays. Winter - 9 a.m. to 2 p.m. and 5 p.m. to 9 p.m., Monday through Friday, excluding holidays.

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

#### METERING

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

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

First 1,000 kW of On Peak billing demand at <u>\$0.65</u> per kW. Additional kW of On Peak billing demand at <u>\$0.50</u> per kW.

#### DEMAND

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

### 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.

(T)

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### TERMS AND CONDITIONS

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

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

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

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

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

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

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Schedule L-2.1

### RATE EH

## OPTIONAL RATE FOR ELECTRIC SPACE HEATING

## APPLICABILITY

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

#### TYPE OF SERVICE

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

(T)

#### NET MONTHLY BILL

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

A. Winter Period

1. Base Rate

(a) Customer Charge Single Phase Service Three Phase Service Primary Voltage Service	\$ 7.50 per month         (I)           \$ 15.00 per month         (I)           \$ 100.00 per month         (I)
(b) Energy Charge	
All kWh	<u>\$0.061524</u> per kWh (I)
<ol> <li>Applicable Riders         The following riders are applicable pursuant to the specific terms contained within each rider: Sheet No. 78, Rider DSMR, Demand Side Management Rider     </li> <li>Sheet No. 80, Rider FAC, Fuel Adjustment Clause</li> </ol>	
Sheet No. 81, Rider MSR-E, Merger Savings Cred Sheet No. 82, Rider PSM, Profit Sharing Mechani	
The minimum charge shall be the Customer Charge sta	ated above. (N)

B. Summer Billing Period

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

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## **NET MONTHLY BILL (Contd.)**

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

#### DEMAND

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

### LATE PAYMENT CHARGE

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

### TERMS AND CONDITIONS

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

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

Issued by authority of an Order of the Kentucky Public Service Commission dated <u>July 31, 2017</u> in Case No<u>. 2017-00005</u>. (T)

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#### RATE SP

### SEASONAL SPORTS SERVICE

### APPLICABILITY

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

### TYPE OF SERVICE

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

### NET MONTHLY BILL

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

<ol> <li>Base Rate         <ul> <li>(a) Customer Charge</li> </ul> </li> </ol>	\$7.50 per month	(I)
(b) Energy Charge	<u>\$0.100598</u> per kWh	(I)
2. Applicable Riders		

The following riders are applicable pursuant to the specific terms contained within each rider:	(N)
Sheet No. 78, Rider DSMR, Demand Side Management Rider	
Sheet No. 80, Rider FAC, Fuel Adjustment Clause	
Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric	(D)
Sheet No. 82, Rider PSM, Profit Sharing Mechanism	(31)
	(N)

(T)

(N)

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

## **RECONNECTION CHARGE**

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

#### LATE PAYMENT CHARGE

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

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## 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	
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RATE GS-FL

## OPTIONAL UNMETERED GENERAL SERVICE RATE FOR SMALL FIXED LOADS

# APPLICABILITY

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

## TYPE OF SERVICE

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

# NET MONTHLY BILL

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

1.	Base Rate (a) For loads based on a range of 540 to 720 hours use per month of the rated capacity of the connected equipment	<u>\$0.080723</u> per kWh	(I)
	(b) For loads of less than 540 hours use per month of the rated capacity of the connected equipment	<u>\$0.092947</u> per kWh	(I)
2.	Applicable Riders The following riders are applicable pursuant to the specific terms	s contained within each rider:	
	Sheet No. 78, Rider DSMR, Demand Side Management Rider Sheet No. 80, Rider FAC, Fuel Adjustment Clause		(N)
	Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Ele Sheet No. 82, Rider PSM, Profit Sharing Mechanism	ectric	(D)
	Minimum: <u>\$3.00</u> per Fixed Load Location per month.		(N) (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 July 31, 2017 in Case No. 2017-00005. (T)

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## SERVICE PROVISIONS

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

# TERM OF SERVICE

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

## SERVICE REGULATIONS

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

Issued by authority of an Order of the Kentucky Public Service Commission dated <u>July 31, 2017</u> in Case No. <u>2017-00005</u>.

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Schedule L-2.1

### RATE DP

## SERVICE AT PRIMARY DISTRIBUTION VOLTAGE

### APPLICABILITY

Duke Energy Kentucky, Inc.

4580 Olympic Blvd. Erlanger, KY 41018

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 <u>\$0.241184</u> per kilowatt-hour (Kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

1. Base Rate

(a)	Customer Charge Primary Voltage Service (12.5 or 34.5 kV)	<u>\$ 100.00</u>	per month	(I)
(b)	Demand Charge All kilowatts	<u>\$7.08</u>	per kW	(I)
(c)	Energy Charge First 300 kWh/kW Additional kWh	<u>\$0.051068</u> pe <u>\$0.043198</u> pe		(I) (I)
	able Riders The following riders are applicable pursuant to the specific terms Sheet No. 78, Rider DSMR, Demand Side Management Rider	s contained with	in each rider:	(N)
	Sheet No. 80, Rider FAC, Fuel Adjustment Clause <u>Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Ele</u> Sheet No. 82, Rider PSM, Profit Sharing Mechanism	ectric		(D)
The m	inimum charge shall be the Customer Charge shown above.			(N)
Issued by	authority of an Order of the Kentucky Public Service	,		

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## PRIMARY VOLTAGE METERING DISCOUNT

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

#### DEMAND

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

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

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

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

## POWER FACTOR ADJUSTMENT

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

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

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

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#### LATE PAYMENT CHARGE

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

#### TERMS AND CONDITIONS

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

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

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

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

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

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

Commission dated <u>July 31, 2017</u> in Case No. <u>2017-00005</u> .	
Issued: <u>August 18, 2017</u> Effective <u>: August 30, 2017</u> Issued by James P. Henning, President	(T) (T)

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## RATE TT

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

## APPLICABILITY

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

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

#### TYPE OF SERVICE

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

## NET MONTHLY BILL

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

1. Base Rate	<b>•</b> 500.00
(a) Customer Charge	\$ 500.00 per month
(b) Demand Charge Summer	
On Peak kW	<u>\$ 7.60</u> per kW (I)
Off Peak kW	<u>\$ 1.15</u> per kW (I)
Winter	
On Peak kW	<u>\$ 6.24</u> per kW (I)
Off Peak kW	<u>\$_1.15</u> per kW (1)
(c) Energy Charge	
All kWh	\$0.042648 per kWh (D)
	(N)
2. Applicable Riders	
The following riders are applicable pursuant to the spec	1 - · · ·
Sheet No. 78, Rider DSMR, Demand Side Manageme Sheet No. 80, Rider FAC, Fuel Adjustment Clause	
Sheet No. 80, Rider MSR-E, Merger Savings Credit R	ider – Electric (D)
Sheet No. 82, Rider PSM, Profit Sharing Mechanism	
choice to, or, their child for charing modulation	(N)
The minimum charge shall be not less than fifty percer established during the preceding eleven (11) months.	

Issued by authority of an Order of the Kentucky Public Service Commission dated July 31, 2017 in Case No. 2017-00005. **(T)** Issued: August 18, 2017 (T) Effective: August 30, 2017 (T)Issued by James P. Henning, President

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## NET MONTHLY BILL (Contd.)

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

## **RATING PERIODS**

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

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

#### METERING

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

#### DEMAND

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

### POWER FACTOR ADJUSTMENT

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

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

### LATE PAYMENT CHARGE

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

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Issued by authority of an Order of the Kentucky Public ServiceCommission dated July 31, 2017 in Case No. 2017-00005.(T)

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### TERMS AND CONDITIONS

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

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

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

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

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

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Issued by authority of an Order of the Kentucky Public Service Commission dated <u>July 31, 2017</u> in Case No. <u>2017-00005</u>.

Issued: <u>August 18, 2017</u> Effective: <u>August 30, 2017</u> Issued by James P. Henning, President

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#### RIDER GSS GENERATION SUPPORT SERVICE

#### APPLICABILITY

Duke Energy Kentucky, Inc.

Erlanger, Kentucky 41018

4580 Olympic Blvd.

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 tariff schedules.

#### NET MONTHLY BILL

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

#### 1. Administrative Charge

The Administrative Charge shall be \$50 plus the appropriate Customer Charge.

2.	Monthly Distribution Reservation Charge a. Rate DS - Secondary Distribution Service b. Rate DT – Distribution Service c. Rate DP – Primary Distribution Service d. Rate TT – Transmission Service	<u>\$2.6853</u> per kW <u>\$2.4735</u> per kW <u>\$2.7781</u> per kW \$ <u>0.0000 per kVA</u>	(T) (I) (I) (I) (I)
3.	Monthly Transmission Reservation Charge         a.       Rate DS - Secondary Distribution Service         b.       Rate DT - Distribution Service         c.       Rate DP - Primary Distribution Service         d.       Rate TT - Transmission Service	\$1.3094 per kW \$1.3047 per kW \$1.8493 per kW \$1.2861 per kVA	(D) (D) (D) (D) (D)
4.	Monthly Ancillary Services Reservation Charge         a.       Rate DS, - Secondary Distribution Service         b.       Rate DT – Distribution Service         c.       Rate DP – Primary Distribution Service         d.       Rate TT – Transmission Service	<u>\$0.5240 per kW</u> <u>\$0.5240 per kW</u> <u>\$0.5240 per kW</u> <u>\$0.4550 per kVA</u>	(D) (D) (D) (D) (D)

#### 5. Supplemental Power Service

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

Issued by authority of an Order of in Case No.2006-00172.	the Kentucky Public Service Con	nmission dated December 21, 2006	(T) (T)
Issued: September 29, 2010		Effective: September 30, 2010	(T)
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Issued by Julie Janson, President

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#### NET MONTHLY BILL (Contd.)

#### 6. Maintenance Power Service

#### Requirements -

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

#### Billing -

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

#### 7. Backup Power Service

#### Requirements –

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

#### Billing -

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

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006	(T)
in Case No. <u>2006-00172</u> .	(T)

Issued: September 29, 2010

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Issued by Julie Janson, President

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#### NET MONTHLY BILL (Contd.)

#### 8. Monthly Reservation Charges

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

#### METERING

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

#### DEFINITIONS

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

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

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

#### TERMS AND CONDITIONS

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

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

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

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

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

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

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

issued by	authority	of an	Order	of the	Kentucky	Public	Service	Commission	dated	December 21	<u>, 2006</u>	(T)
in Case No	. <u>2006-00</u>	<u>172</u> .									÷	(T)

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

APPLICABILITY	(D)
	(D) (D)
Applicable to all new Customers as of January 1, 2002 having estimated service requirements of	(D)
5,000 kilowatts or more and to existing Customers whose service requirements increase by 5,000	(D)
kilowatts or more. Where an existing Customer's requirements increase by 5,000 kilowatts or more,	(D)
that Customer's incremental load will be subject to the provisions of this rate schedule.	(D)
	(D)
PROGRAM DESCRIPTION	(D)
Under the RTP-M program, binding Price Quotes will be sent to each Customer on a day-ahead	(D)
basis. Customers have the opportunity to manage their electric costs by either shifting load from	(D)
higher cost to lower cost pricing periods or adding new load during lower cost pricing periods.	(D)
	(D) (D)
CUSTOMER CHARGE	(D) (D)
The following Customer Charges will be assessed:	(D) (D)
Secondary Service	(D)
Primary Service	(D)
Transmission Service	(D)
	(D)
PRICE QUOTES	(D)
The Company will send to Customer, within two hours after the wholesale prices are published by	(D)
PJM each day, Price Quotes to be charged the next day. Such Price Quotes shall include the	(D)
applicable Commodity Charge, the Energy Delivery Charge and the Ancillary Services Charge.	(D)
applicable Commonly Charge, the Energy Dervery Charge and the Anchargy Cervices Charge.	(D)
The Company may send more than one day ahead Price Quotes for weekends and holidays identified	(D)
in the Company's tariffs. The Company may revise these prices the day before they become	(D)
effective.	(D) (D)
enective.	(D) (D)
The Operative and expensions for failure of Quetamore to experime and extreme the Drive Quetae. It	(D)
The Company is not responsible for failure of Customer to receive and act upon the Price Quotes. It	(D)
is the Customer's responsibility to inform the Company of any failure to receive the Price Quotes the	(D)
day before they become effective.	(D)
	(D)
COMMODITY CHARGE	(D)
The Commodity Charge is a charge for generation. The applicable hourly Commodity Charge shall be	(D)
applied on an hour by hour basis to Customer's usage.	(D)
	(D)
<u>Charge For Each kW Per Hour:</u>	(D)
	(D) (D)
$\underline{CC_t} = MVG_t \times LAF$	(D)
	(D)
March	(D)
Where:	(D)
LAF = loss adjustment factor	(D)
= 1.0530 for Transmission Service	(D)
= 1.0800 for Primary Service	(D)
= 1.1100 for Distribution Service	(D)
MVGt = Market Value Of Generation As Determined By Company for hour t	(D)

Issued by authority of an Order of the Kentucky Public Service Commission dated June 1, 2012 in Case (T) No. 2012-00276. (T) (T) Effective: June 1, 2012 Issued: April 23, 2012

Issued by Julie Janson, President

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COMMODITY CHARGE (Contd.)
The MVG will be based on the expected market price

The MVG<sub>t</sub> will be based on the expected market price of capacity and energy for the next day. The expected market price shall be the PJM Real-Time Total Locational Marginal Price for power at the DEK Aggregate price node, inclusive of the energy, congestion and losses charges, for each hour.

Customers will have the option to enter into a price management agreement whereby the Commodity Charge (CC) for a specified time period (Contract Period) will be fixed at as specified level (Contract Price). Company will have the final determination to enter into a Price Management Contract and the term and structure of the pricing arrangement.

The kW Per Hour usage shall be adjusted to reflect applicable Metering Adjustments as shown below.

# 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 shall be applied on an hour by hour basis to Customer's usage.

Charge For Each kW Per Hour:

Secondary Service	.\$0.006053 per kW Per Hour
Primary Service	\$0.005540 per kW Per Hour
Transmission Service	\$0.002008 per kW Per Hour

The kW Per Hour usage shall be adjusted to reflect applicable Metering Adjustments as shown below.

## ANCILLARY SERVICES CHARGE

The hourly Ancillary Services Charge is a charge for:

- Scheduling, System Control & Dispatch
- Reactive and Voltage Control
- Regulation and Frequency Response
- Spinning Reserve

Supplemental Reserve

The applicable hourly Ancillary Services Charge shall be applied on an hour by hour basis.

## Charge For Each kW Per Hour:

Secondary Delivery	\$0.000760 per kW Per Hour
Primary Delivery	\$0.000740 per kW Per Hour

The kW Per Hour usage shall be adjusted to reflect applicable Metering Adjustments as shown below.

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 No. 2012-00276.
 (T)

Issued: April 23, 2012

Effective: June 1, 2012

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### METERING ADJUSTMENTS

The Company may meter at secondary or primary voltage as circumstances warrant. In the case of Primary and Secondary Customers, if the Company elects to meter at primary voltage, the kilowatthours registered on the Company's meter will be reduced by one and one-half percent (1.5%). In the case of Transmission Customers, if the Company elects to meter at secondary voltage, the kilowatthours registered on the Company's meter will be increased by one and one-half percent (1.5%).

APPLICABLE RIDERS

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

- Sheet No. 78, Rider DSMR, Demand Side Management Rider Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider Electric
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism

#### PROGRAM CHARGE

- Company will provide Internet based communication software to be used to provide Customer with the Price Quotes. Customer will be responsible for providing its own Internet access. A charge of \$183.00 per billing period per site shall be added to Customer's bill to cover the additional billing, administrative, and cost of communicating the hourly Price Quotes associated with the RTP Program.
  - Customer may purchase from either Company or any other third-party suppliers any other necessary equipment or software packages to facilitate participation in this program. While Customers are encouraged to use such equipment or software packages to maximize benefits under this Program, it is not a requirement for program participation. It is Customer's responsibility to ensure the compatibility of third-party equipment or software packages with any Company owned equipment or software packages.

#### TERM AND CONDITIONS

The initial term of contract shall be for a minimum period of three (3) years terminable thereafter by either the Customer or the Company within thirty (30) days after receipt of written notice.

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 facilities, is established at twenty percent (20%) of actual cost. The annual facilities charge shall be billed in twelve monthly installments to be added to the Customer Charge.

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

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#### 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:

(T)

(T)

(T)

Issued by authority of an Order of the Kentucky Public Service Commission dated July 31, 2017 in Case No. 2017-00005.

Schedule L-2.1 Page 44 of 138 Witness Responsible: Bruce Sailers

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# NET MONTHLY BILL (Contd.)

1. Base Rate

OVERHEAD DISTRIBUTION AREA Fixture Description Standard Fixture (Cobra Head) Mercury Vapor	Lamp <u>Watt</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	<u>Rate/Unit</u>	
7,000 lumen	175	0.193	803	\$ 7.11	(I)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 5.94	(1)
10,000 lumen	250	0.275	1,144	\$ 8.21	(1)
21,000 lumen	400	0.430	1,789	\$10.99	(İ)
Metal Halide			·		~ /
14,000 lumen	175	0.193	803	\$ 7.11	(I)
20,500 lumen	250	0.275	1, <b>14</b> 4	\$ 8.21	(I)
36,000 lumen	400	0.430	1,789	\$10.99	(I)
Sodium Vapor					
9,500 lumen	100	0.117	487	<u>\$ 7.87</u>	(I)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 5.91	(I)
16,000 iumen	150	0.171	711	\$ 8.58	(I)
22,000 lumen	200	0.228	948	\$11.13	(I)
27,500 lumen	250	0.275	948	\$11.13	(I)
50,000 lumen	400	0.471	1,959	\$14.95	(I)
Decorative Fixtures Sodium Vapor					.,
9,500 lumen (Rectilinear)	100	0.117	487	\$ 9.78	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$12.09	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$16.00	(Ĭ)
50,000 lumen (Setback)	400	0.471	1,959	\$23.79	(I)

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

Spans of Secondary Wiring:

For each increment of 50 feet of secondary wiring beyond the first 150 feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$0.52.

(I)

Issued by authority of an Order of the Kentucky Public Service Commission dated July 31, 2017 in Case No. 2017-00005.	(T)
Issued: <u>August 18, 2017</u>	(T)
Effective: <u>August 30, 2017</u>	(T)

Issued by James P. Henning, President

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	KY.P.S.C. Electric No. 2
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# NET MONTHLY BILL (Contd.)

IONTHLY BILL (Contd.)				
UNDERGROUND DISTRIBUTION AREA	Lamp <u>Watt</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	Rate/Unit
Fixture Description				
Standard Fixture (Cobra Head)				
Mercury Vapor		/ -	<b></b>	• • • • • •
7,000 lumen	175	0.210	874	<u>\$ 7.24</u> (I)
7,000 lumen (Open Refractor)	175	0.205	853	<u>\$ 5.94</u> (I)
10,000 lumen	250	0.292	1,215	<u>\$ 8.36</u> (I)
21,000 lumen	400	0.460	1,914	<b>\$11.25</b> (I)
Metal Halide				
14,000 lumen	175	0.210	874	<u>\$ 7.24</u> (I)
20,500 lumen	250	0.292	1,215	\$ 8.36 (I)
36,000 lumen	400	0.460	1,914	\$11.25 (I)
Sodium Vapor				
9,500 lumen	100	0.117	487	<u>\$ 7.87</u> (I)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 5.99 (I)
16,000 lumen	150	0.171	711	\$ 8.55 (I)
22,000 lumen	200	0.228	948	<u>\$11.13</u> (I)
50,000 lumen	400	0.471	1,959	\$14.95 (I)
Decorative Fixtures				
Mercury Vapor				
7,000 lumen (Town & Country)	175	0.205	853	<u>\$ 7.48</u> (I)
7,000 lumen (Holophane)	175	0.210	874	<u>\$ 9.40</u> (l)
7,000 lumen (Gas Replica)	175	0.210	874	<u>\$21.48</u> (I)
7,000 lumen (Granville)	175	0.205	853	<u>\$ 7.56</u> (I)
7,000 lumen (Aspen)	175	0.210	874	<u>\$13.61</u> (I)
Metal Halide				
14,000 lumen (Traditionaire)	175	0.205	853	<u>\$ 7.48</u> (I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$1 <u>3.61</u> (J)
14,000 lumen (Gas Repica)	175	0.210	874	<u>\$21.57</u> (I)
Sodium Vapor				
9,500 lumen (Town & Country)	100	0.117	487	<u>\$10.93</u> (l)
9,500 lumen (Holophane)	100	0.128	532	<u>\$11.84</u> (I)
9,500 lumen (Rectilinear)	100	0.117	487	<u>\$ 8.83</u> (I)
9,500 lumen (Gas Replica)	100	0.128	532	\$22.26 (I)
9,500 lumen (Aspen)	100	0.128	532	<u>\$13.79</u> (I)
9,500 lumen (Traditionaire)	100	0.117	487	<u>\$10.93</u> (I)
9,500 lumen (Granville Acorn)	100	0.128	532	<u>\$13.79</u> (I)
22,000 lumen (Rectilinear)	200	0.246	1,023	<u>\$12.15</u> (I)
50,000 lumen (Rectilinear)	400	0.471	1,959	<u>\$16.06</u> (I)
50,000 lumen (Setback)	400	0.471	1,959	<u>\$23.79</u> (I)

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Issued by authority of an Order of the Kentucky Public Service	
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NET MONTHLY BILL (Contd.)		Pole Type	Rate/Pole
POLE CHARG	ES	1.010 1.120	
Pole Descri			
Wood			
	(Wood Laminated) (a)	W17	<u>\$ 4.40</u> (I)
	30 foot	W30	<u>\$ 4.34</u> (I)
	35 foot	W35	\$ 4.40 (I)
	40 foot	W40	<u>\$ 5.27</u> (I)
Alumin			
	12 foot (decorative)	A12	<u>\$11.97</u> <u>(I)</u>
	28 foot	A28	<u>\$ 6.94</u> (I)
	28 foot (heavy duty)	A28H	\$ 7.01 (I)
	30 foot (anchor base)	A30	\$13.86 (I)
Fibergl	ass		
Ŭ	17 foot	F17	<u>\$ 4.40</u> (I)
	12 foot (decorative)	F12	\$12.87 (I)
	30 foot (bronze)	F30	<u>\$ 8.38</u> (I)
	35 foot (bronze)	F35	<u>\$ 8.60</u> (I)
Steel	. ,		
	27 foot (11 gauge)	S27	<u>\$11.31</u> <u>(I)</u>
	27 foot (3 gauge)	S27H	<u>\$17.05</u> (I)

Spans of Secondary Wiring:

For each increment of 25 feet of secondary wiring beyond the first 25 feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$0.75.

(I)

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

- (a) Note: New or replacement poles no longer available.
- 2. Base Fuel Cost

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

3. Applicable Riders

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

 Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 (N)

 Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
 (D)

 Sheet No. 82, Rider PSM, Profit Sharing Mechanism
 (N)

(T)

(N)

Issued by authority of an Order of the Kentucky Public Service	
Commission dated July 31, 2017 in Case No. 2017-00005.	(Ť)
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KY P S C Electric No. 2

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# LATE PAYMENT CHARGE

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

#### TERM OF SERVICE

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

#### GENERAL CONDITIONS

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

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

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

(T)

 Issued by authority of an Order of the Kentucky Public Service

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 Issued: August 18, 2017

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4580 Olympic Blvd.	Sixth Revised Sheet No. 60
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## SERVICE REGULATIONS

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

Issued by authority of an Order of the Kentucky Public Service Commission dated July 31, 2017 in Case No. 2017-00005.	
Issued: August 18, 2017	(T)

(T)

Effective: <u>August 30, 2017</u> Issued by James P. Henning, President

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 Witness Responsible: Bruce Sailers

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

 Seventh Revised Sheet No. 61

 Cancels and Supersedes

 Sixth Revised Sheet No. 61

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## RATE TL

# TRAFFIC LIGHTING SERVICE

## APPLICABILITY

Duke Energy Kentucky, Inc.

4580 Olympic Blvd.

Erlanger, KY 41018

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 \$ <u>0.038066</u> 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 \$ <u>0.021078</u> per kilowatt-hour.	(I)
	(C)	Where the Company supplies energy and has agreed to provide limited maintenance for traffic signal equipment, all kilowatt-hours shall be billed at \$0.059145 per kilowatt-hour.	(I)
2	. Ar	oplicable Riders	
		e following riders are applicable pursuant to the specific terms contained within each rider: eet No. 80, Rider FAC, Fuel Adjustment Clause	(N)
	<u>St</u>	eet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric	(D)
	Sł	eet No. 82, Rider PSM, Profit Sharing Mechanism	(=)
			(N) (N)
Pa	ivmen	t of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from	

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 <u>July 31, 2017</u> in Case No <u>. 2017-00005.</u>	(T)
	(1)
Issued: <u>August 18, 2017</u>	(T)
Effective: August 30, 2017	(T)
Issued by James P. Henning, President	( )

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### GENERAL CONDITIONS

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

#### LIMITED MAINTENANCE

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

#### SERVICE REGULATIONS

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

Issued by authority of an Order of the Kentucky Public Service Commission dated <u>July 31, 2017</u> in Case No<u>. 2017-00005.</u>

Issued: <u>August 18, 2017</u> Effective: <u>August 30, 2017</u> Issued by James P. Henning, President (T)

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# RATE UOLS UNMETERED OUTDOOR LIGHTING ELECTRIC SERVICE

### APPLICABILITY

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

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

# CONTRACT FOR SERVICE

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

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

## LIGHTING HOURS

The unmetered lighting System will be operated automatically by either individual photoelectric controllers or System controller(s) set to operate on either dusk-to-dawn lighting levels or on preset 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>\$0.037481</u> per kWh	(I)
2.	Applicable Riders The following riders are applicable pursuant	to the specific terms contained within each	
	rider: Sheet No. 80, Rider FAC, Fuel Adjustment (	Clause	(N)
	Sheet No. 81, Rider MSR-E, Merger Saving Sheet No. 82, Rider PSM, Profit Sharing Me	<u>s Credit Rider – Electric</u>	(D)
			(N)
	nority of an Order of the Kentucky Public nission dated <u>July 31, 2017</u> in Case No.	(T)	
leened: Anone	et 18 2017	(T)	

Issued: August 18, 2017	$(\mathbf{I})$
Effective: August 30, 2017	(T)
Issued by James P. Henning, President	

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#### LATE PAYMENT CHARGE

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

#### **OWNERSHIP OF SERVICE LINES**

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

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

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

## SERVICE REGULATIONS

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

Issued by authority of an Order of the Kentucky Public Service Commission dated <u>July 31, 2017</u> in Case No. <u>2017-00005</u> .	(T)
Issued: <u>August 18, 2017</u>	(T)
Effective: <u>August 30, 2017</u>	(T)

Issued by James P. Henning, President

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Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018 Ky.P.S.C. Electric No. 2First Revised Sheet no. 63Cancels and SupersedesOriginal Sheet No. 63Page 1 of 3

# 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 <u>December 21, 2006</u> in Case No. 2006-00172.

Issued: September 29, 2010

Effective: September 30, 2010

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# LEVELIZED FIXED CHARGE CALCULATION

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

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

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

Issued by authority of an Order of the Kentucky Public Service Commission dated <u>December 21, 2006</u> in Case No. 2006-00172.

Issued: September 29, 2010

Effective: September 30, 2010

Issued by Julie Janson, President

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Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018 Ky.P.S.C. Electric No. 2 <u>First</u> Revised Sheet no. 63 Cancels and Supersedes <u>Original</u> Sheet No. 63 Page 3 of 3

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 <u>December 21, 2006</u> in Case No. 2006-00172.

Issued: September 29, 2010

Effective: September 30, 2010

Issued by Julie Janson, President

	Schedule L-2.1 Page 56 of 138 Witness Responsible: Bruce Sailers	
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#### RATE OL

# OUTDOOR LIGHTING SERVICE

# APPLICABILITY

Applicable for outdoor lighting services on private property with Company owned fixtures in the Company's entire service area where secondary distribution lines are adjacent to the premises to be served. Not applicable for lighting public roadways which are dedicated, or anticipated to be dedicated, except to meet the occasional singular need of a customer who has obtained written approval from the proper governmental authority.	(D) (D) (D) (D) (D) (D)
Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.	(D) (D) (D)
This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2016. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.	(D) (D) (D) (D) (D) (D)
TYPE OF SERVICE         All equipment will be installed, owned and maintained by the Company on rights-of-ways provided by the customer. The Company will perform maintenance only during regularly scheduled working hours and will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for damage, loss or injury resulting from any interruption in such lighting due to any cause. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum.	(T) (D) (D) (D) (D) (D) (D)
NET MONTHLY BILL	(D)
1. Base Rate	(D)
A. Private outdoor lighting units:	(D)
The following monthly charge for each fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, with a maximum mast arm of 10 feet for overhead units will be assessed:	(D) (D) (D)

(T)

Issued by authority of an Order of the Kentucky Public Service Commission dated <u>July 31, 2017</u> in Case No. <u>2017-00005</u>.

uke Energy Kentucky, Inc. 580 Olympic Blvd. rlanger, KY 41018		Schedule I Page 57 of Witness R KY.P.S.C. <u>Seventh</u> R Cancels ar <u>Sixth</u> Revis Page 2 of 4	f 138 esponsible Electric N evised Sh nd Supers sed Sheet	eet No. 65 edes	-5	
ET MONTHLY BILL (Contd.)	Lamp	kW/				<u>ر ا</u>
	Watts	Luminaire	<u>Annual</u> _ <u>kWh</u>	Rate/Unit		1) 1) 1)
Standard Fixtures (Cobra Head)						(I
Mercury Vapor						([
7,000 lumen (Open Refractor)	<u>175</u>	<u>0.205</u>	<u>    853  </u>	<u>\$ 8.73</u>	<u>(R)</u>	([
<u>7,000 lumen</u>	<u>175</u>	<u>0.210</u>	874	\$11.17	<u>(R)</u>	(I (T
<u>10,000 lumen</u>	<u>250</u>	0.292	<u>1,215</u>	<u>\$13.04</u>	$\frac{(R)}{(R)}$	[]) ([
21.000 lumen	<u>400</u>	<u>0.460</u>	<u>1,914</u>	<u>\$16.75</u>	<u>(R)</u>	(I (I
<u>Metal Halide</u> <u>14,000 lumen</u>	<u>175</u>	0.210	<u>874</u>	\$11.17	<u>(R)</u>	(I
20,500 lumen	<u>175</u> 250	0.307	<u>1,215</u>	\$13.06	$\frac{(R)}{(R)}$	Ì
36,000 lumen	<u>400</u>	0.460	1,914	\$16.75	$\frac{(R)}{(R)}$	(I
Sodium Vapor	400	0.100	1,071		<u>1117</u>	(I
9,500 lumen (Open Refractor)	<u>100</u>	<u>0.117</u>	_487	\$ 7.68	<u>(R)</u>	([
9,500 lumen	100	0.117	487	\$ 9.99	<u>(R)</u>	([
16,000 lumen	150	0.171	711	\$11.27	$\overline{(R)}$	([
22,000 lumen	200	0.228	948	\$12.47	<u>(R)</u>	]) [)
27,500 lumen	250	0.228	948	\$12.47	<u>(R)</u>	(1 (1
<u>50,000 lumen</u>	400	0.471	1,959	\$14.53	<u>(R)</u>	(I (I
Decorative Fixtures (a)						(I
Mercury Vapor						) (I
7,000 lumen (Town & Country)	<u>175</u>	<u>0.205</u>	<u>853</u>	<u>\$13.38 \$</u>	<u>(R)</u>	Ì)
<u>7,000 lumen (Holophane)</u>	<u>175</u>	<u>0.210</u>	<u>874</u>	\$17.24	<u>(R)</u>	(I
7,000 lumen (Gas Replica)	<u>175</u>	<u>0.210</u>	<u>874</u>	<u>\$41.66</u>	<u>(R)</u>	(I
7,000 lumen (Aspen)	<u>175</u>	<u>0.210</u>	<u>874</u>	\$25.77	<u>(R)</u>	(I
Sodium Vapor	400	0.447	407	004 40		(I (I
9,500 lumen (Town & Country)	<u>100</u>	<u>0.117</u>	487	<u>\$21.10</u>	$\frac{(R)}{(R)}$	(I
<u>9,500 lumen (Holophane)</u> 9,500 lumen (Rectilinear)	<u>100</u>	<u>0.128</u>	532	\$22.86	$\frac{(R)}{(R)}$	1) 1)
9,500 lumen (Gas Replica)	<u>100</u> 100	<u>0.117</u> 0.128	<u>487</u> 532	<u>\$18.79</u> \$43.94	$\frac{(R)}{(R)}$	(I (I
9,500 lumen (Aspen)	<u>100</u>	0.128	532	<u></u>	$\frac{(R)}{(R)}$	(I (I
9,500 lumen (Traditionaire)	<u>100</u> 100	<u>0.128</u> 0.117	<u>_552</u> _487	<u>\$20.05</u> \$21.10	$\frac{(R)}{(R)}$	(E
9,500 lumen (Granville Acorn)	<u>100</u>	0.128	532	<u>\$26.63</u>	$\frac{(R)}{(R)}$	(Ĺ
22,000 lumen (Rectilinear)	<u>100</u> 200	0.246	1,023	\$22.37	$\frac{(R)}{(R)}$	(L
50,000 lumen (Rectilinear)	400	0.471	1,959	<u>\$28.38</u>	<u>(R)</u>	([
50,000 lumen (Setback)	400	0.471	1,959	\$44.15	$\overline{(R)}$	([
						(E (E

<u>contribution to obtain the monthly rate per unit charge for the same size standard (cobra head)</u> <u>outdoor lighting fixture.</u>

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Issued by authority of an Order of the Kentucky Public Service Commission dated <u>July 31, 2017</u> in Case No. <u>2017-00005</u>.

	Schedule L-2.1 Page 58 of 138 Witness Responsible: Bruce Sailers	
	KY.P.S.C. Electric No. 2	
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# NET MONTHLY BILL (Contd.)

B. Flood lighting units served in overhead distribution areas (FL):

The following monthly charge for each fixtur	<u>e, which i</u>	ncludes lamp	and lumina	ire, controlled	
automatically, mounted on a utility pole, as spec	ified by the	Company, will	be assessed	<u>d:</u>	
	<u>Lamp</u> <u>Watts</u>	<u>kW/</u> Luminaire	<u>Annual</u> <u>kWh</u>	Rate/Unit	
<u>Mercury Vapor</u> 21,000 lumen Metal Halide	<u>400</u>	<u>0.460</u>	<u>1,914</u>	<u>\$16.76</u>	<u>(R)</u>
20,500 lumen 36,000 lumen	<u>250</u> 400	<u>0.307</u> 0.460	<u>1.215</u> <u>1.914</u>	<u>\$13.04</u> <u>\$16.76</u>	<u>(R)</u> (R)
<u>Sodium Vapor</u> 22,000 lumen 30,000 lumen 50,000 lumen	<u>200</u> 250 400	<u>0.246</u> <u>0.312</u> <u>0.480</u>	<u>1,023</u> <u>1,023</u> <u>1,997</u>	<u>\$12.38</u> <u>\$12.38</u> <u>\$15.35</u>	( <u>R)</u> ( <u>R)</u> ( <u>R)</u>

Additional facilities, if needed will be billed at the time of installation.

2. Base Fuel Cost

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

Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider: Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider - Electric

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

# LATE PAYMENT CHARGE

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

# **GENERAL CONDITIONS**

- In cases of repeated vandalism, the Company at its option will repair or remove its damaged equipment and the customer shall pay for repairs on a time and material basis, plus overhead charges. If the equipment is removed the customer will be billed for the unexpired term of the contract.
- 2. If the customer requires the extension, relocation or rearrangement of the Company's system, the customer will pay, in addition to the monthly charge, the Company on a time and materials basis, plus overhead charges, for such extension, relocation or rearrangement unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for customer approval before work is carried out.

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Issued by authority of an Order of the Kentucky Public Service Commission dated <u>July 31, 2017</u> in Case No. <u>2017-00005</u>.

Issued: <u>August 18, 2017</u> Effective: <u>August 31, 2017</u> Issued by James P. Henning, President (D) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D)( D) (D) 
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# **GENERAL CONDITIONS (Contd.)**

- 3. If any Company owned lighting unit is required to be relocated, removed or replaced with another unit of the same or lower lamp wattage, the customer ordering this shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charges should be made. An estimate of the cost will be submitted for customer approval before work is carried out.
- 4. Installation of lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.
- 5. The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these light units for such reason.
- 6. When a lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

## TERM OF SERVICE

Three (3) years for a new and/or succeeding customer until the initial period is fulfilled. The service is terminable thereafter on ten (10) days written notice by the customer or the Company.

At the Company's option, a longer contract may be required for large installations.

## SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations, currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

Issued by authority of an Order of the Kentucky Public Service Commission dated <u>July 31, 2017</u> in Case No. <u>2017-00005</u>.

Issued: <u>August 18, 2017</u> Effective: <u>August 31, 2017</u> Issued by James P. Henning, President (T) (T) (T) Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018

# RATE NSU

# STREET LIGHTING SERVICE NON-STANDARD UNITS

# APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof, hereinafter referred to as customer for the lighting of public streets and roads with existing Company and Customer owned lighting fixtures. This service is not available for units installed after January 1, 1985.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

## TYPE OF SERVICE

All equipment owned by the Company will be maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps maintained by the Company within 48 hours after notification by the customer. The Company does not guarantee continuous lighting or electric service and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

## NET MONTHLY BILL

The following monthly charge for each unit with lamp and luminaire, controlled automatically, will be assessed.

## 1. Base Rate

#### A. Company owned

	Lamp <u>Watt</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	Rate/Unit	
<ol> <li>Boulevard units served underground         <ol> <li>2,500 lumen Incandescent – Series</li> <li>2,500 lumen Incandescent – Multiple</li> </ol> </li> </ol>	148 189	0.148 0.189	616 786	<u>\$ 9.22</u> <u>\$ 7.16</u>	(I) (I)
<ol> <li>Holophane Decorative fixture on 17 foot fiberglass pole served underground with direct buried cable</li> </ol>					
a. 10,000 lumen Mercury Vapor	250	0.292	1,215	<u>16.79</u>	(I)
Issued by authority of an Order of the Kentucky Public Servic Commission dated July 31, 2017 in Case No. 2017-00005.	;e 	(T)			
Issued: <u>August 18, 2017</u> Effective: August 30, 2017		(T)			
Issued by James P. Henning, President		(T)			

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## **NET MONTHLY BILL (Contd.)**

The cable span charge of <u>\$0.75</u> per each increment of 25 feet of secondary wiring shall be added to the Rate/unit charge for each increment of secondary wiring beyond the first 25 feet from the pole base.

(I)

		Lamp <u>Watt</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	Rate/Unit	
	<ol> <li>Street light units served overhead distribution         <ol> <li>2,500 lumen Incandescent</li> <li>2,500 lumen Mercury Vapor</li> <li>21,000 lumen Mercury Vapor</li> </ol> </li> </ol>	189 100 400	0.189 0.109 0.460	786 453 1,914	<u>\$_7.10</u> <u>\$_6.72</u> \$10.66	(I) (I) (I)
В.	Customer owned					
		Lamp <u>Watt</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	Rate/Unit	
	<ol> <li>Steel boulevard units served underground with limited maintenance by Company</li> <li>a. 2,500 lumen Incandescent – Series</li> <li>b. 2,500 lumen Incandescent – Multiple</li> </ol>	148 189	0.148 0.189	616 786	<u>+ + + + + + + + + + + + + + + + + + + </u>	(I) (I)

# 2. Base Fuel Cost

The rates per unit shown above include \$0.023837 per kilowatt-hour reflecting the base cost of fuel.

3. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:	(N)
Sheet No. 80, Rider FAC, Fuel Adjustment Clause	
<u>Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric</u>	(D)
Sheet No. 82, Rider PSM, Profit Sharing Mechanism	
	(N)
	(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

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Issued: <u>August 18, 2017</u>	(T)
Effective: August 30, 2017	Ť
Issued by James P. Henning, President	

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by, and at the expense of, the Company.

## **GENERAL CONDITIONS (Contd.)**

In case of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

6.1.J.I.T.A.1

- (3) When a Company owned street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.
- (4) When a customer owned lighting unit becomes inoperative, the cost of repair or replacement of the unit will be at the customer's expense. The replacement unit shall be an approved Company fixture.
- (5) Limited maintenance by the Company includes only fixture cleaning, relamping, and glassware and photo cell replacement.

# SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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Issued by authority of an Order of the Kentucky Public Service	
Commission dated July 31, 2017 in Case No. 2017-00005.	( <b>T</b> )

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# RATE NSP

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# PRIVATE OUTDOOR LIGHTING FOR NON-STANDARD UNITS

APPLICABILITY Applicable to service for outdoor lighting on					(D) (D)
Company's entire territory where secondary of					(D)
applicable to service for lighting of dedicated	or undedic	cated public	thoroughfa	ares.	(D)
					(D)
Mercury Vapor lighting fixtures will not be					(D)
installed Mercury Vapor fixtures are retired a		aced, they r	nay be re	placed with either Metal Halide	(D)
or Sodium Vapor fixtures as the customer cho	ooses.				(D)
	<b>_</b>				(D) (D)
This rate schedule is no longer available after					(D) (D)
lighting system installed and maintained b					(D)
agreement (OLE). Potential customers sh					(D)
information concerning OLE options. This currently being provided service under this					(D)
rate schedule for the remaining useful life					(D)
occurs first.			113_1416_31	chedule terminates, whichever	(D)
					(D)
TYPE OF SERVICE					(Т)
All equipment will be installed, owned and i	maintaineo	by the Co	mpany on	rights-of-way provided by the	(D)
customer. The Company will perform mainte					(D)
endeavor to replace burned-out lamps withi					(D)
does not guarantee continuous lighting and					(D)
loss or injury resulting from any interruption in		iting due to	any cause	e. All lamps will burn from dusk	(D)
to dawn, approximately 4,160 hours per annu	<u>m.</u>				(D) (D)
NET MONTHLY BILL					(D) (D)
1. Base Rate					(D)
A. Private outdoor lighting units:					(D)
					(D)
The following monthly charge will be ass	essed for	existing faci	ilities, but	this unit will not be available to	(D)
any new customers after May 15, 1973;					(D)
	Lamp		Annual		(D)
	<u>Watt</u>	<u>kW/Unit</u>	<u>kWh</u>	<u>Rate/Unit</u>	(D)
2,500 lumen Mercury, Open	100	0.115	478	\$ 7.79	(D)
Refractor	100	<u>0.110</u>	4/0	<u>\$ 1.13</u>	(D)
2,500 lumen Mercury, Enclosed	100	0.115	478	\$10.66	(D) (D)
Refractor			کرنے۔	<u></u>	(U)

Issued by authority of an Order of the Kentucky Public Service Commission dated <u>July 31, 2017</u> in Case No. <u>2017-00005</u>.

Commission dated <u>July 31, 2017</u> in Case No. <u>2017-00000</u> . (	(1)
Issued: <u>August 18, 2017</u> ( Effective: <u>August 30, 2017</u> ( Issued by James P. Henning, President	(T) (T)

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 NET MONTHLY BILL (Contd.)

 B. Outdoor lighting units served in underground residential distribution areas:

(D) (D)

D. Outdoor lighting drits served in the ground residential distribution areas.	(D)			
The following mentally shares will be appreced for evisions fixtures which include large and luminoire	(D)			
The following monthly charge will be assessed for existing fixtures which include lamp and luminaire,	(D)			
controlled automatically, with an underground service wire not to exceed 35 feet from the service point,	(D)			
but these units will not be available to new customers after May 5, 1992: Lamp Annual	(D)			
	(D)			
<u>Watt kW/Unit kWh Rate/Unit</u> 7,000 lumens <u>Mercury, Mounted on a</u>	(D)			
	(D)			
7,000 lumen Mercury, Mounted on a	(D)			
<u>17-foot Wood Laminated Pole (a)</u>	(D)			
7,000 lumen Mercury, Mounted on a	(D)			
<u>30-foot Wood Pole</u>	(D)			
9,500 lumen Sodium Vapor, TC 100 R 100 0.117 487 \$11.22	(D)			
	(D)			
(a) Note: New or replacement poles are not available.	(D)			
	(D)			
C. Flood lighting units served in overhead distribution areas:	(D)			
	(D)			
The following monthly charge will be assessed for each existing fixture, which includes lamp and	(D)			
luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, with a span	(D)			
of wire not to exceed 120 feet, but these units will not be available after May 5, 1992:	(D)			
	(D)			
Lamp <u>kW/Fixture Annual Rate/Unit</u>	(D)			
<u>Watt</u> <u>kWh</u>	(D)			
	(D)			
<u>52,000 lumen Mercury (35-foot Wood Pole)</u> <u>1,000</u> <u>1.102</u> <u>4,584</u> <u>\$28,55</u>	(D)			
52,000 lumen Mercury (50-foot Wood Pole) 1,000 1.102 4,584 \$32,16	(D)			
<u>50,000 lumen Sodium Vapor </u>	(D)			
2. Base Fuel Cost	(D)			
The rates per unit shown above include \$0.023837 per kilowatt-hour reflecting the base cost of fuel.	(D)			
The rates per unit shown above include \$0.025057 per kilowate not reflecting the base cost of det	(D)			
3. Applicable Riders	(D)			
The following riders are applicable to the specific terms contained within each rider:	(D)			
Sheet No. 80, Rider FAC, Fuel Adjustment Clause	(D)			
Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric	(D) (D)			
Sheet No. 82, Rider PSM, Profit Sharing Mechanism				
	(D)			
	(D)			
LATE PAYMENT CHARGE	(D)			
Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from	(D)			
the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net	(D)			
Monthly Bill plus 5%, is due and payable.	(D)			
	(D)			
TERM OF SERVICE	(D)			
Three (3) years, terminable thereafter on ten (10) days written notice by either customer or Company.	(D)			
	(D)			
GENERAL CONDITIONS				
1. In cases of repeated vandalism, the Company at its option will repair or remove its damaged equipment				
Issued by authority of an Order of the Kentucky Public Service				
Commission dated July 31, 2017 in Case No. 2017-00005.				
Commission dated <u>July 31, 2017</u> In Case No. <u>2017-00005</u> . (T)				
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Issued: <u>August 18, 2017</u>	(T)
Effective: August 30, 2017	U U
Issued by James P. Henning, President	(.)

	Schedule L-2.1 Page 65 of 138	
	Witness Responsible: Bruce Sailers	
	KY.P.S.C. Electric No. 2	
	Seventh Revised Sheet No. 67	(T)
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4580 Olympic Blvd.	Sixth Revised Sheet No. 67	(T)
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and the customer shall pay for repairs on a time an equipment is removed the customer will be billed for the customer will be billed for the customer will be billed for the customer of the same or lower lamp wattage, the customer ordering the unit, plus labor and overhead charges, unless in the made. An estimate of the cost will be submitted for customer customer of the customer	e unexpired term of the contract. elocated, removed or replaced with another unit of g this shall pay the Company the sacrifice value of e judgment of the Company no charges should be	(D) (D) (D) (D) (D) (D) (D)
		(D)
3. When a lighting unit reaches end of life or becomes o		(D)
the Company can remove the unit at no expense to		(D)
customer shall be given the opportunity to arrange	e for another type lighting unit provided by the	(D)
<u>Company.</u>		(D)
		(D)

# SERVICE REGULATIONS

> (D) 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. (D) (D) (D)

> > (T)

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Issued by authority of an Order of the Kentucky Public Service Commission dated July 31, 2017 in Case No. 2017-00005.

Issued: <u>August 18, 2017</u>	(T)
Effective: August 30, 2017	
Issued by James P. Henning, President	(1)

#### Schedule L-2.1 Page 66 of 138 Witness Responsible: Bruce Sailers

	KY.P.S.C. Electric No. 2	
	Seventh Revised Sheet No. 68	(T)
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Erlanger, KY 41018	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 contact as the 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:

		Lamp		Annual		
<ol> <li>Base Rate</li> </ol>		Watts	<u>kW/Unit</u>	<u>kWh</u>	Rate/Unit	
Fixture Description						
Standard Fixture	(Cobra					
Head)						
Mercury Vapor						
7,000 lumen		175	0.193	803	<u>\$ 4.19</u>	(I)
10,000 lumen		250	0.275	1,144	\$ 5.33	(I)
21,000 lumen		400	0.430	1,789	\$ 7.40	(I)
Metal Halide						
14,000 lumen		175	0.193	803	<u>\$ 4.19</u>	(I)
20,500 lumen		250	0.275	1,144	\$ 5.33	(I)
36,000 lumen		400	0.430	1,789	\$ 7.40	(I)

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Issued by authority of an Order of the Kentucky Public Service Commission dated July 31, 2017 in Case No. 2017-00005.

Issued: August 18, 2017	(T)
Effective: August 30, 2017	(T)
Issued by James P. Henning, President	

#### Schedule L-2.1 Page 67 of 138 Witness Responsible: Bruce Sailers

Duke Energy Kentucky, inc. 4580 Olympic Blvd. Erlanger, KY 41018 KY.P.S.C. Electric No. 2 Seventh Revised Sheet No. 68 Cancels and Supersedes Sixth Revised Sheet No. 68 Page 2 of 4

# NET MONTHLY BILL (Contd.)

NET MONTHLY BILL (CONTO.)					
	Lamp		Annual		
	<u>Watt</u>	<u>kW/Unit</u>	<u>kWh</u>	<u>Rate/Unit</u>	
Sodium Vapor					
9,500 lumen	100	0.117	487	<u> \$5.04</u>	(I)
16,000 lumen	150	0.171	711	<u>\$ 5.62</u>	(1)
22,000 lumen	200	0.228	948	<u>\$ 6.17</u>	(I)
27,500 lumen	250	0.228	948	<u>\$ 6.17</u>	(1)
50,000 lumen	400	0.471	1,959	<u>\$ 8.36</u>	(1)
Decorative Fixture					
Mercury Vapor					
7,000 lumen (Holophane)	175	0.210	874	<u>\$ 5.32</u>	(I)
7,000 lumen (Town & Country)	175	0.205	853	\$ 5.27	(1)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 5.32	(1)
7,000 lumen (Aspen)	175	0.210	874	\$ 5.32	(1)
Metal Halide					
14,000 lumen (Traditionaire)	175	0.205	853	<u>\$ 5.27</u>	(1)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ <u>5.32</u>	(I)
14,000 lumen (Gas Replica)	175	0.210	874	<u>\$ 5.32</u>	(I)
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	<u>\$ 4.96</u>	(I)
9,500 lumen (Traditionaire)	100	0.117	487	<u>\$ 4.96</u>	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	<u>\$ 5.18</u>	(1)
9,500 lumen (Rectilinear)	100	0.117	487	<u>\$ 4.96</u>	(I)
9,500 lumen (Aspen)	100	0.128	532	<u>\$ 5.18</u>	(I)
9,500 lumen (Holophane)	100	0.128	532	<u>\$ 5.18</u>	(I)
9,500 lumen (Gas Replica)	100	0.128	532	<u>\$_5.18</u>	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	<u>\$ 6.54</u>	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	<u>\$ 8.65</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.

Pole Description	Pole Type	Rate/Pole	
Wood			
30 foot	W30	<u>\$4.34</u>	Formatted: Font: 10 pt
35 foot	W35	<u>\$4.40</u>	(1)
40 foot	W40	<u>\$ 5.27</u>	Formatted: Font: 10 pt

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Issued by authority of an Order of the Kentucky Public Service Commission dated July 31, 2017 in Case No. 2017-00005.

Issued: August 18, 2017	(T)
Effective: August 30, 2017	(T)
Issued by James P. Henning, President	

#### Schedule L-2.1 Page 68 of 138 Witness Responsible: Bruce Sailers

	KY.P.S.C. Electric No. 2
	Seventh Revised Sheet No. 68
Duke Energy Kentucky, Inc.	Cancels and Supersedes
4580 Olympic Blvd.	Sixth Revised Sheet No. 68
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#### NET MONTHLY BILL (Contd.)

Customer Owned and Maintained Units

The rate for energy used for this type street lighting will be <u>\$0.037481</u> per kilowatt-hour which includes the (1) 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.

<ol> <li>Applicable Riders</li> <li>The following riders are applicable to the specific terms contained within each rider:</li></ol>	(N)
Sheet No. 80, Rider FAC, Fuel Adjustment Clause <li><u>Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric</u></li> <li>Sheet No. 82, Rider PSM, Profit Sharing Mechanism</li>	(D)
LATE PAYMENT CHARGE	(N)
Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days	(N)

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

#### TERM OF SERVICE

1

The street lighting units are installed for the life of the unit, terminable on one hundred twenty (120) days written notice by either customer or Company subject to Paragraph 4 or 6 under General Conditions.

#### GENERAL CONDITIONS

- (1) If the customer requires the installation of a unit at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (2) Installation of street lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or other consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the street lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.

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Issued by authority of an Order of the Kentucky Public Service Commission dated July 31, 2017 in Case No. 2017-00005.

#### Schedule L-2.1 Page 69 of 138 Witness Responsible: Bruce Sailers

	KY.P.S.C. Electric No. 2
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4580 Olympic Blvd.	Sixth Revised Sheet No. 68
Erlanger, KY 41018	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 July 31, 2017 in Case No. 2017-00005.

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	Witness Responsible: Bruce Sailers	
	KY.P.S.C. Electric No. 2	
	Seventh Revised Sheet No. 69	
Duke Energy Kentucky, Inc.	Cancels and Supersedes	(T)
4580 Olympic Blvd.	Sixth Revised Sheet No. 69	
Erlanger, KY 41018	Page 1 of 3	(T)
Erlanger, KY 41018	Page 1 of 3	-

Schedule L-2.1

# RATE SE

# STREET LIGHTING SERVICE - OVERHEAD EQUIVALENT

## APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof and incorporated homeowners associations for the lighting of public streets and roads with Company lighting fixtures in underground distribution areas, where the customer elects to make a contribution for the installation of the fixture, mounting, pole and secondary wiring to obtain the rate/unit for the same size standard fixture (cobra head) in an overhead distribution area.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

#### TYPE OF SERVICE

All equipment will be installed, owned and maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

#### NET MONTHLY BILL

The following monthly charge for each lamp with luminaire, controlled automatically, will be assessed:

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Issued by authority of an Order of the Kentucky Public Service	
Commission dated July 31, 2017 in Case No. 2017-00005.	

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018		Page 7 Witne K S C S	Y.P.S.C. Elec <u>eventh</u> Revi ancels and S	sed Sheet No. 69	
NET MONTHLY BILL (Contd.)					
1. Base Rate Fixture Description Decorative Fixtures	Lamp <u>Watt</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	Rate/Unit	
<u>Mercury Vapor</u> 7,000 lumen (Town & Country) 7,000 lumen (Holophane) 7,000 lumen (Gas Replica) 7,000 lumen (Aspen) <u>Metal Halide</u>	175 175 175 175	0.205 0.210 0.210 0.210	853 874 874 874	\$ 7.29 \$ 7.32 \$ 7.32 \$ 7.32 \$ 7.32	(I) (I) (I) (I)
14,000 lumen (Traditionaire) 14,000 lumen (Granville Acom) 14,000 lumen (Gas Replica) Sodium Vapor	175 175 175	0.205 0.210 0.210	853 874 874	\$ 7.29 \$ 7.32 \$ 7.32	(I) (I) (I)
9,500 lumen (Town & Country) 9,500 lumen (Holophane) 9,500 lumen (Rectilinear) 9,500 lumen (Gas Replica) 9,500 lumen (Aspen) 9,500 lumen (Traditionaire) 9,500 lumen (Granville Acorn) 22,000 lumen (Rectilinear) 50,000 lumen (Rectilinear) 50,000 lumen (Setback)	100 100 100 100 100 100 200 400 400	0.117 0.128 0.117 0.128 0.128 0.117 0.128 0.246 0.246 0.471 0.471	487 532 487 532 532 487 532 1,023 1,959 1,959	\$ 7.95 \$ 8.05 \$ 7.95 \$ 8.04 \$ 8.04 \$ 7.95 \$ 8.04 \$11.42 \$15.11 \$15.11	(I) (I) (I) (I) (I) (I) (I) (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

I

The following riders are applicable pursuant to the specific terms contained within each rider:	(N)
Sheet No. 80, Rider FAC, Fuel Adjustment Clause	(11)
<u>Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric</u>	(D)
Sheet No. 82, Rider PSM, Profit Sharing Mechanism	, - <i>r</i>
	(N)

(N)

# LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

## TERM OF SERVICE

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.

Issued by authority of an Order of the Kentucky Public Service Commission dated July 31, 2017 in Case No. 2017-00005.	
lssued: <u>August 18, 2017</u> Effective <u>: August 30, 2017</u> Issued by James P. Henning, President	(T) (T)

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Witness Responsible: Bruce Sailers	
KY.P.S.C. Electric No. 2	
Seventh Revised Sheet No. 69	(T)
Cancels and Supersedes	
Sixth Revised Sheet No. 69	(T)
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	Page 72 of 138 Witness Responsible: Bruce Sailers KY.P.S.C. Electric No. 2 <u>Seventh</u> Revised Sheet No. 69 Cancels and Supersedes <u>Sixth</u> Revised Sheet No. 69

Schedule L-2.1

# **GENERAL CONDITIONS**

- If the customer requires the installation of a unit at a location which requires the extension, (1) 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.
- Installation of street lighting units will be predicated on the ability of the Company to obtain, without (2) 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.
- If an installed street lighting unit is required to be relocated, removed, or replaced with another unit of (4) 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.
- Lamps and refractors which are maintained by the Company shall be kept in good operating condition (5) 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.
- The contribution only provides for replacement of these facilities due to occasional damage or (7) premature malfunction. It does not cover replacement at end of life.

## SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

Issued by authority of an Order of the Kentucky Public Service Commission dated July 31, 2017 in Case No. 2017-00005. (T) Issued: August 18, 2017 (T) (T)

Effective: August 30, 2017 Issued by James P. Henning, President

Schedule L-2.1 Page 73 of 138 Witness Responsible: Bruce Sailers

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018 KY.P.S.C. Electric No. 2 Original Sheet No. 70 Page 1 of 2

# RIDER PPS PREMIER POWER SERVICE

#### AVAILABILITY

Applicable to qualifying non-residential Customers, on a voluntary basis, served under Rates DS, DP, DT or Special Contracts. Customers must enter into a service agreement with Company under this rider.

#### PROGRAM DESCRIPTION

Under the terms of this program, the Company will own, install, operate and maintain on-site equipment such as on-site generators, fly-wheel, and Uninterruptible Power Supply (UPS) systems designed to provide a supply of electricity to the Customer's facility in the event that the primary supply of electricity is interrupted. The minimum size of on-site generators provided under this program will have a nameplate rating of 50 kW. The generator and associated business continuity support equipment will be located on the Customer's premises at a mutually agreed upon location. The generator and associated business continuity support equipment will be connected on the Company's (line) side of Company's billing meter. Customer will be billed for all usage registered on the Company's billing meter under the applicable rate schedule.

#### RATE

Each qualifying customer's individual monthly rate calculated for each customer for this service will be determined as follows:

Monthly Service Payment = Estimated Levelized Capital Cost + Estimated Expenses

Where:

Levelized Capital Cost is equal to the present value of all estimated capital related cash flows for a period corresponding to the time of engineering, design and installation of equipment through the term of the contract, adjusted to a pre-tax amount and converted to a uniform monthly payment for the term of the contract. The estimated capital cash flows shall include estimated installed cost of equipment, contingency allowances, salvage value, adjustment to reflect additional supporting investment of general plant nature, and income tax impacts.

Expenses shall equal the present value of estimated expenses associated with the support and maintenance of the generation and support equipment, adjusted to a pre-tax amount and converted to a uniform monthly payment for the term of the contract. The estimated expenses shall include administrative and general expenses, expenses for labor and materials related to operations and maintenance, third party expenses for operations and maintenance, warranties, insurance, annual costs associated with working capital, fuel inventory, depreciation, property tax, other costs related to the operation and support of the generator system installation, and income tax impacts.

The after tax cost of capital from the Company's most recent general rate case will be used to convert present values to uniform monthly payments.

Issued by authority of an Order by the Kentucky Public Service Commission dated <u>March 7, 2016</u> in Case No. <u>2015-00347</u>.

Issued: <u>March 8, 2016</u> Effective: <u>March 7, 2016</u> Issued by James P. Henning, President /s/ James P. Henning (T)

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Schedule L-2.1 Page 74 of 138 Witness Responsible: Bruce Sailers

Duke Energy Kentucky, Inc.	KY.P.S.C. Electric No. 2
4580 Olympic Blvd.	Original Sheet No. 70
Erlanger, Kentucky 41018	Page 2 of 2

## MONTHLY BILL

Customer's monthly bill for all services under this rider will appear on their regular monthly electric bill as a line item.

# CONTRACT

As provided in the Premier Power Service Agreement (Agreement), customer shall enter into a contract for Premier Power Service from the Company for an initial term of ten (10) years, or other term at the Company's option, and thereafter from year to year upon the condition that either party may terminate the contract by giving a minimum of ninety (90) days notice of such termination in writing. In the event of early termination of the Agreement under this program, the Customer may be required to pay the Company a termination fee as set forth in the Agreement.

Issued by authority of an Order by the Kentucky Public Service Commission dated March 7, 2016 in Case No. 2015-00347.

Issued: <u>March 8, 2016</u> Effective: <u>March 7, 2016</u> Issued by James P. Henning, President /s/ James P. Henning

Schedule L-2.1 Page 75 of 138 Witness Responsible: Bruce Sailers

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018 KY.P.S.C. Electric No. 2First Revised Sheet No. 71(T)KY. P.S.C. Electric No. 2Original Sheet No. 71(T)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 <u>December 21, 2006 in Case</u> <u>No. 2006-00172.</u>			
Issued: September 29, 2010	Effective: September 30, 2010	(T)	
issued by Julie	Janson, President (	(T)	

Schedule L-2.1 Page 76 of 138 Witness Responsible: Bruce Sailers

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018 KY.P.S.C. Electric No. 2First Revised Sheet No. 72(T)Cancels and Supersedes(T)Original Sheet No. 72(T)Page 1 of 1(T)

# 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 th No. 2006-00172.	e Kentucky Public Service Commissio	n dated <u>December 21, 2006</u> in Case	(T) (T)
Issued: September 29, 2010	Issued by <u>Julie Janson,</u> President	Effective: September 30, 2010	(T)

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018

## Schedule L-2.1 Page 77 of 138 Witness Responsible: Bruce Sailers KY.P.S.C. Electric No. 2 <u>First</u> Revised Sheet No. 73 (T) Cancels and Supersedes <u>Original</u> Sheet No. 73 (T) 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 Monday; and from 9:00 p.m. of the day preceding a legal holiday to 9:00 p.m. to 9:00 a.m. of the following Monday; and from 9:00 p.m. of the day preceding a legal holiday to 9:00 a.m. of the day following that holiday. The following are recognized legal holidays as far as load conditions of the Company's system are concerned: New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, Christmas Day. If the foregoing holidays occur on a Sunday, the following Monday is considered a holiday.

The "on peak period" is defined as all hours exclusive of the "off peak period" hours set forth in the preceding paragraph.

- I. For customers with an average monthly demand in excess of fifteen (15) kilowatts and not to exceed five hundred (500) kilowatts where electric service is furnished under the provisions of the Company's existing <u>Rate DS, Service at Secondary Distribution Voltage</u> or Rate DP, Service at Primary Distribution Voltage.
  - A.
     For purposes of administration of this rider, the summer season, as stated above, is the period
     (T)

     beginning June 1 and ending September 30.
     The winter season consists of all other days which have
     (T)

     not been recognized in the summer season.
     (T)
    - B.
       This provision is only available as Company demand meters with a programmable time-of-use register are installed on the customer's premise. Due to the limited availability of such metering (D) equipment and Company personnel, a demand meter will be installed as metering equipment and (D) Company personnel are available.
       (D)
    - C. The customer will be required to pay the current installed cost of the time-of-use metering equipment in excess of the current installed cost of the standard demand register equipment, normally installed by the Company, which is required under the provision of Rate DS. All metering equipment shall remain the property of the Company which shall be responsible for its installation, operation, maintenance, testing, replacement or removal.

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 in Case No.	(T)
<u>2006-00172</u> .	(T)

Issued: September 29, 2010

Effective: September 30, 2010

Issued by Julie Janson, President

(T)

(T)

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	Witness Responsible: Bruce Sailers	
	KY.P.S.C. Electric No. 2	
	First Revised Sheet No. 73	(T)
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## OFF PEAK PROVISION (Contd.)

- D. When a customer elects the OFF PEAK PROVISION, the monthly customer charge of the applicable Rate DS will be increased by an additional monthly charge of five dollars (\$5.00) for each installed time-of-use meter. In addition, the DEMAND provision of Rate DS shall be modified to the extent that (T) the billing demand shall be based upon the "on peak period," as defined above. (T)
- II.
   For customers who meet the Company's criteria for the installation of a magnetic tape recording device for
   (D)

   billing, and where electric service is furnished under the provisions of either Rate DS, Service at
   (D)

   Secondary Distribution Voltage, or Rate DP, Service at Primary Distribution Voltage.
   (D)
- A. For purposes of administration of this rider, the summer season, as stated above, is the period beginning with the meter reading date in the month of May and ending with the meter reading date in the month of September or the period beginning June 1 and ending September 30, at the Company's option. The winter season consists of all other days which have not been recognized in the summer season.
- B. The "off peak period" billing demand will be taken at fifty (50) percent of the highest fifteen minute demand established during the "off peak period," as defined above.
  - C. When a customer elects this OFF PEAK PROVISION, the applicable monthly customer charge of Rate DS or Rate DP will be increased by an additional monthly charge of one hundred dollars (\$100.00).
- The DEMAND provision of the applicable Rate DS or Rate DP shall be modified to the extent that the
   (D)

   billing demand shall be based upon the "on peak period," as defined above. However, in no case
   (D)

   shall the billing demand be less than the "off peak period" billing demand or the billing demand as
   (D)

   determined in accordance with the DEMAND provision of the applicable Rate DS or Rate DP, as
   (D)

   modified.
   (D)

# TERMS AND CONDITIONS

1

The term of contract for the Off Peak Provision shall be a minimum period of one (1) year.

The Company shall not be required to increase the capacity of any service facilities in order to furnish off peak demands. The Company reserves the right, upon 30 days notice to customers affected, to change the time or times during which on peak demands may be established.

The supply and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission.

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 in Case No.	(T)
<u>2006-00172</u> ,	(T)
	• •

Issued: September 29, 2010

Effective: September 30, 2010

Issued by Julie Janson, President

(T)

(D)

(D)

(D)

(D)

(D)

(D) (D)

(D)

(D) (D)

(D)

(D)

(D) (D)

## RIDER AMO

#### ADVANCED METER OPT-OUT (AMO) - RESIDENTIAL

## APPLICABILITY

Applicable to residential customers served under Rate RS who request an electric meter that does not utilize radio frequency communications to transmit data provided that such a meter is available for use by the Company. At the Company's option, meters to be read manually may be either an advanced meter with the radio frequency communication capability disabled or other non-communicating meter. The meter manufacturer and model chosen to service the customer's premise are at the discretion of the Company and are subject to change at the Company's option, at any time. Rider AMO is optional and is available subject to the Terms and Conditions below.

#### DEFINITION

"Advanced meter" means any electric meter that meets the pertinent engineering standards using digital technology and is capable of providing two-way communications with the electric utility to provide usage and/or other technical data.

#### CHARGES

Residential customers who elect, at any time, to opt-out of the Company's advanced metering infrastructure (AMI) system shall pay a one-time fee of \$100.00 and a recurring monthly fee of \$25.00. During the Metering Upgrade project deployment phase, if prior to an advanced meter being installed at a customer premise, any existing residential electric customer that elects to participate in this opt-out program, Duke Energy Kentucky will not charge the one-time set-up fee, providing the residential electric customer notifies the Company of such election in advance of the advanced meter being installed. Those residential customers electing to participate in this residential opt-out program will be subject to the ongoing \$25.00 per month ongoing charge. Following deployment completion, any residential customer who later elects to participate in the Opt-Out Program will be assessed the \$100 set-up fee in addition to the ongoing monthly charge.

#### TERMS AND CONDITIONS

The Company shall have the right to refuse to provide advanced meter opt-out service in either of the following circumstances:

- (a) If the customer has a history of meter tampering or unauthorized use of electricity at the current or any prior location.
- (b) If such a service creates a safety hazard to consumers or their premises, the public, or the electric utility's personnel or facilities.
- (c) If a customer does not allow the electric utility's employees or agents access to the meter at the customer's premises for either maintenance, connection/disconnection, or meter-reading.

#### SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

Issued by authority of an Order by the Kentucky Public Service Commission dated <u>May 25, 2017 in Case No. 2016-00152.</u>

Issued: June 5, 2017 Effective: August 1, 2017 Issued by James P. Henning, President /s/ James P. Henning (T) (T)

# Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018

# 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.

- 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:

- Company reserves the right to refuse backup delivery capacity to any Customer where such backup delivery service is reasonably estimated by Company to impede or impair current or future electric transmission or distribution service.
- 2. The amount of backup delivery point capacity shall be mutually agreed to by the Company and the Customer because the availability of specific electric system facilities to meet a Customer's request is unique to each service location.
- 3. System electrical configurations based on Customer's initial delivery point will determine whether distribution and/or transmission charges apply to Customer's backup delivery point.
- 4. In the event that directly assigned facilities are necessary to attach Customer's backup delivery point to the joint transmission or distribution systems, Company shall install such facilities and bill Customer the Company's full costs for such facilities and installations.

Issued pursuant to an Order of the Kentucky Public Service Commission dated <u>December 21, 2006</u> in Case No. <u>2006-00172</u>.

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(T)

Issued: September 29, 2010

Effective: September 30, 2010

	Schedule L-2.1
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	Witness Responsible: Bruce Sailers
	KY.P.S.C. Electric No. 2
	First Revised Sheet No. 79
Duke Energy Kentucky, Inc.	Cancels and Supersedes
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#### SPECIAL TERMS AND CONDITIONS (Contd.)

- 5. Energy supplies via any backup delivery point established under this Rider BDP will be supplied under the applicable rate tariff and/or special contract.
- 6. Company and the Customer shall enter into a service agreement with a minimum term of five years. This service agreement shall contain the specific terms and conditions under which Customer shall take service under this Rider BDP.
- 7. Company does not guarantee uninterrupted service under this rider.

## SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission.

Issued pursuant to an Order of the Kentucky Public Service Commission dated <u>December 21, 2006</u> in Case No. <u>2006-00172</u>.

Issued: September 29, 2010

Effective: September 30, 2010

Schedule L-2.1 Page 82 of 138 Witness Responsible: Bruce Sailers KY. P.S.C. Electric No. 2 Seventh Revised Sheet No. 80 Cancels and Supersedes Sixth Revised Sheet No. 80 Page 1 of 2

# RIDER FAC FUEL ADJUSTMENT CLAUSE

#### APPLICABLE

In all territory service.

Duke Energy Kentucky 4580 Olympic Blvd.

Erlanger, Kentucky 41018

#### 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:

Fuel Cost Adjustment = 
$$\frac{F(m)}{S(m)}$$
 - \$0.023837 per kWh (R)

Where F is the expense of fuel in the second preceding month and S is the sales in the second preceding month, as defined below:

- (2) Fuel costs (F) shall be the cost of:
  - (a) Fossil fuel consumed in the Company's plants plus the cost of fuel which would have been used in plants suffering forced generation or transmission outages, but less the cost of fuel related to substitute generation, plus
  - (b) The actual identifiable fossil and nuclear fuel costs associated with energy purchased for reasons other than identified in paragraph (c) of this subsection, but excluding the cost of fuel related to purchases to substitute for the forced outages; plus
  - (c) The net energy cost of energy purchases, exclusive of capacity or demand charges (irrespective of the designation assigned to such transaction) when such energy is purchased on an economic dispatch basis. Included therein are such costs as the charges for economy energy purchases and the charges as a result of scheduled outage, all such kinds of energy being purchased by the Company to substitute for its own higher cost energy, and less
  - (d) The cost of fossil fuel recovered through inter-system sales including the fuel costs related to economy energy sales and other energy sold on an economic dispatch basis.
  - (e) All fuel costs shall be based on a weighted-average inventory costing. The cost of fossil fuel shall include no items other than the invoice price of fuel less any cash or other discounts. The invoice price of fuel includes the cost of fuel itself and necessary charges for transportation of fuel from the point of acquisition to the unloading point, as listed in Account 151 of the FERC Uniform System of Accounts for Public Utilities and Licensees.

Issued by authority of an Order of the Kentucky Public Service Commission dated July 31, 2017 in Case No. 2017-00005. (T)

Issued: August 18, 2017(T)Effective: August 30, 2017(T)Issued by James P. Henning, President(T)

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	Witness Responsible: Bruce Sailers
	KY. P.S.C. Electric No. 2
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Duke Energy Kentucky	Cancels and Supersedes
4580 Olympic Blvd.	Sixth Revised Sheet No. 80
Erlanger, Kentucky 41018	Page 2 of 2

## AVAILABILTY OF SERVICE (Contd.)

- (f) As used herein, the term "forced outages" means all non-scheduled losses of generation or transmission which require substitute power for a continuous period in excess of six (6) hours. Where forced outages are not as a result of faulty equipment, faulty manufacture, faulty design, faulty installations, faulty operation, or faulty maintenance, but are Acts of God, riot, insurrection, or acts of the public enemy, then the Company may, upon proper showing, with the approval of the Commission, include the fuel cost of substitute energy in the adjustment.
- (3) Sales (S) shall be determined in kilowatt-hours as follows:

Add:

- (a) net generation
- (b) purchases
- (c) interchange in

## Subtract:

(d) inter-system sales including economy energy and other energy sold on an economic dispatch basis.

(T)

.

(e) total system losses

Effective: August 30, 2017	Commission dated July 31, 2017 in Case No. 2017-00005.	(T)
Issued by James P. Henning President		(T) (T)

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Schedule L-2.1 Page 84 of 138 Witness Responsible: Bruce Sailers

		KY.P.S.C. Electric No. 2	(77)
		<u>Forty-Sixth</u> Revised Sheet No 82	(T)
-	Duke Energy Kentucky, Inc.	Cancels and Supersedes	
	4580 Olympic Blvd	Forty-Fifth Revised Sheet No 82	(T)
	Erlanger, KY 41018	Page 1 of 3	

#### RIDER PSM OFF-SYSTEM POWER SALES AND EMISSION ALLOWANCE SALES **PROFIT SHARING MECHANISM**

# APPLICABILITY

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]	sales, beç	ginnir	ng wi	tail sales in the Company's electric service area, excluding interdepartmental ith the billing month September 2017. DER FACTORS	(T)
	nearest \$ ancillary s	0.00 servic	0001 :es,	lergy charges for electric service shall be increased or decreased to the per kWh to reflect the sharing of profits on off-system power sales and the net profits on sales of emission allowances and net margins on capacity d to the acquisition of 100% of East Bend Unit 2.	(T) (T) (T) (D)
	<u>on emiss</u>	sion	allov	compute its profits on off-system power sales and ancillary services, profits vance sales, and net margins on capacity transactions related to the off East Bend Unit 2 in the following manner:	(D) (D) (D)
ĺ		<u>Ri</u>	der f	PSM Factor = ((P + A) + E + C + R)/S	(T)
	where:	<u>P</u>	=	Eligible profits from off-system power sales for applicable month subject to sharing provisions established by the Commission in its Order in Case No. 2003-00252, dated December 5, 2003.	(D (D (D
		<u>A</u>	=	All net profits related to its provision of ancillary services in markets administered by PJM per the Commission's Order in Case No. 2008- 00489, dated January 30, 2009.	(T) (D) (D)
				The first \$1 million in annual profits from off-system sales and ancillary services will be allocated to ratepayers, with any profits in excess of \$1 million split 75:25, with ratepayers receiving 75 percent and shareholders receiving 25 percent per the Commission Order in Case No. 2010-00203, dated December 22, 2010. After December 31 <sup>st</sup> of each year, the sharing mechanism will be reset for off-system power sales. Each month the sharing mechanism will be reset for the ancillary service profits.	(D) (D) (D) (D) (D) (D)
		<u>E</u>	=	All net profits on sales of emission allowances are credited to customers per the Commission's Order in Case No. 2006-00172, dated December 21, 2006.	(T) (D) (D)
		<u>c</u>	=	Capacity revenue received from PJM associated with DP&L's share of East Bend capacity that DP&L has committed in PJM's base residual auction ("BRA") through May 31, 2018, less the cost incurred by Duke Energy Kentucky to procure sufficient capacity to meet its obligations as a Fixed Resource Requirement entity under the Reliability Assurance Agreement	(T) (T) (D) (D)
	Issued by authority of an Order of the Kentucky Public Service Commission dated <u>December 4, 2014</u> in Case No. <u>2014-00201</u>				(T)
	Issued: <u>July 3</u> Effective: <u>Aug</u> Issued by: Ja	ust 3	0, 20	017 enning, President /s/ James P. Henning	(T) (T)

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	KY.P.S.C. Electric No. 2	
	Forty-Sixth Revised Sheet No 82	(T)
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	with PJM per the Commission's Order in Case No. 2014-00201, dated December 4, 2014.	(D) (D)
	The net of capacity revenue received from PJM and the capacity cost incurred by Duke Energy Kentucky will be allocated to ratepayers, with ratepayers receiving 75 percent and shareholders receiving 25 percent.	(T) (D) (D)
R =	Reconciliation of prior period Rider PSM actual revenue to amount calculated for the period.	
S =	Current <u>month</u> sales in <u>kWh u</u> sed in the <u>current month</u> Rider FAC calculation.	(T)

Issued by authority of an Order of the Kentucky Public Service Commission dated <u>December 4, 2014</u> in Case No. <u>2014-00201</u>

(T) (T)

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Rate Group	Rate	
	(\$/ kWh)	
Rate RS, Residential Service	0.000456	
Rate DS, Service at Secondary Distribution Voltage	0.000456	
Rate DP, Service at Primary Distribution Voltage	0.000456	
Rate DT, Time-of-Day Rate for Service at Distribution Voltage	0.000456	
Rate EH, Optional Rate for Electric Space Heating	0.000456	
Rate GS-FL, General Service Rate for Small Fixed Loads	0.000456	
Rate SP, Seasonal Sports Service	0.000456	
Rate SL, Street Lighting Service	0.000456	
Rate TL, Traffic Lighting Service	0.000456	
Rate UOLS, Unmetered Outdoor Lighting	0.000456	
Rate OL, Outdoor Lighting Service	<u>0.000456</u>	(D)
Rate NSU, Street Lighting Service for Non-Standard Units	0.000456	(2)
Rate NSP, Private Outdoor Lighting Service for Non-Standard Units	<u>0.000456</u>	(D)
Rate SC, Street Lighting Service – Customer Owned	0.000456	
Rate SE, Street Lighting Service – Overhead Equivalent	0.000456	
Rate TT, Time-of-Day Rate for Service at Transmission Voltage	0.000456	(N)
Other	0.000456	

Rider PSM credits, reductions to bills, are shown as positive numbers without parentheses. Rider PSM charges, increases to bills, are shown in parentheses.

#### SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission as provided by law.

Issued by authority of an Order of the Kentucky Public Service Commission dated <u>December 4, 2014</u> in Case No. <u>2014-00201</u>

Issued: July 31, 2017 Effective: <u>August 30, 2017</u> Issued by: James P. Henning, President /s/ James P. Henning (T)

(T) (T)

Schedule L-2.1 Page 87 of 138 Witness Responsible: Bruce Sailers

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018 KY.P.S.C. Electric No. 2First Revised Sheet No. 85Cancels and SupersedesOriginal Sheet No. 85Page 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 Comr Case No. <u>2006-00172</u> .	mission dated <u>December 21, 2006</u> in (T)	
Issued: September 29, 2010	Effective: September 30, 2010 (T)	

Issued by Julie Janson, President

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018 Schedule L-2.1 Page 88 of 138 Witness Responsible: Bruce Sailers KY.P.S.C. Electric No. 2 <u>First</u> Revised Sheet No. 86 Cancels and Supersedes <u>Original</u> Sheet No. 86 Page 1 of 3

(T)

(T)

#### 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:

- the Company would expect the customer employ an additional workforce in the Company's service area of a minimum of twenty-five (25) full-time equivalent (FTE) employees per 1,000 kW of new load. Employment additions must occur following the Company's approval for service under this Rider, and;
- 2) the Company would expect that the customer's new load would result in capital investment of one million dollars (\$1,000,000) per 1,000 kW of new load, provided that such investment is accompanied by a net increase in FTE employees employed by the customer in the Company's service area. This capital investment must occur following the Company's approval for service under this Rider.

The Company may also consider applying the ED Program to an existing customer who, but for economic incentives being provided by the State and/or local government or public agency, would leave the Company's service area. In this event, the customer must agree, at a minimum, to retain the current number of FTE employees.

The ED Program is not available to a new customer which results from a change in ownership of an existing establishment. However, if a change in ownership occurs after the customer enters into a Special Contract for service under the ED Program, the successor customer may be allowed to fulfill the balance of the Special Contract under the ED Program. The ED Program is also not available for renewal of service following interruptions such as equipment failure, temporary plant shutdown, strike, or economic conditions. The ED Program is not available for load shifted from one customer to another within the Company's service area.

Issued by authority of an Order of the Kentucky Public Service Commission dated <u>December 21, 2006</u> in Case No. <u>2006-00172</u>.

(T) (T)

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## PROGRAM DESCRIPTIONS (Contd.)

#### Urban Redevelopment (UR) Program

Applicable to new customers locating in an existing building of 25,000 square feet or more, which has been unoccupied and/or remained dormant for a period of two years or more, as determined by the Company. The new customer load must be a minimum of 500 kW at one delivery point. In addition, the requested service necessary to serve the new load must not result in additional investment in distribution or transmission facilities by the Company, excepting that minor alterations in the service supplied which can be accomplished feasibly and economically may be allowed.

The UR Program is not available for renewal of service following interruptions such as equipment failure, temporary plant shutdown, strike, or economic conditions. The UR Program is also not available for load shifted from one establishment to another in the Company's service area. However, if a change of ownership occurs after the customer enters into a Special Contract under the UR Program, the successor customer may be allowed to fulfill the balance of the Special Contract under the UR Program.

#### NET MONTHLY BILLING

The customer shall comply with all terms of the standard tariff rate under which the customer takes service except that the customer's total bill for electric service, less any rate adjustment rider amounts as shown on the standard service tariff, shall be reduced by up to fifty (50) percent for a period of twelve (12) months. The customer will pay the full amount of the riders so indicated. The customer may request an effective date of the Rider which is no later than twelve (12) months after the Special Contract is approved and signed by the Company. All subsequent billings shall be at the appropriate full standard service tariff rate.

#### TERMS AND CONDITIONS

The Service Agreement shall specify, among other things, the voltage at which the customer will be served, a description of the amount and nature of the new load and the basis on which the customer requests qualification under this Rider. The customer must affirm that the availability of this Rider was a factor in the customer's decision to locate the new load or retain current load in the Company's service area.

For customers entering into a Service Agreement under this Rider due to expansion, the Company may install, at customer's expense, metering equipment necessary to measure the new load to be billed under the provisions of this Rider separate from the customer's existing load which shall be billed under the applicable standard tariff schedule.

Following the effective date of the Special Contract, the customer must maintain a minimum demand in accordance with the Service Agreement and maintain a monthly average load factor of 40 percent. Failure to do so will result in the customer being billed a minimum bill based on the minimum demand specified in the Service Agreement and a monthly average load factor of 40 percent.

The customer shall continue to take service from the Company at the same or greater demand and usage levels for a period of at least two (2) years following the twelve (12) month incentive period. The customer shall be billed monthly for two (2) years following the twelve (12) month incentive period based on the greater of: (a) its actual monthly demand and usage levels; or (b) its average demand and usage levels during the twelve (12) month incentive period.

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#### TERMS AND CONDITIONS (Contd.)

The terms of this rider do not prevent the Company from offering different terms under a special contract if the Company deems it appropriate. The Company is not obligated to extend, expand or rearrange its facilities if it determines that existing distribution/transmission facilities are of adequate capacity to serve the customer's load.

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The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's 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 <u>December 21, 2006</u> in Case No. <u>2006-00172.</u>

Issued: September 29, 2010

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#### RIDER GP

## DUKE ENERGY'S GOGREEN KENTUCKY GREEN POWER / CARBON OFFSET RIDER

## APPLICABILITY

Applicable to any residential customer (Rate RS) who wishes to purchase "Green Power" and/or "Carbon Offsets" from Duke Energy's GoGreen Kentucky program. The pilot program will end December 31, 2012.

#### DEFINITION OF GREEN POWER AND CARBON OFFSETS

Green Power includes energy generated from renewable and/or environmentally friendly sources, including:

Wind, Solar Photovoltaic, Biomass Co-firing of Agricultural Crops and All energy crops, Hydro - as certified by the Low Impact Hydro Institute, Incremental Improvements in Large Scale Hydro, Coal Mine Methane, Landfill Gas, Biogas Digesters, Biomass Co-firing of All Woody Waste including mill residue, but excluding painted or treated lumber. Green Power includes the purchase of Renewable Energy Certificates.

Carbon Offsets are financial instruments representing a reduction in greenhouse gas emissions. One Carbon Credit represents the reduction of one metric ton of carbon dioxide (CO<sub>2</sub>) or its equivalent in other greenhouse gases. Each Carbon Offset available under this tariff represents a 500 pound (lbs) block reduction of CO<sub>2</sub> (approximately ¼ of a Carbon Credit).

#### NET MONTHLY BILL

Customers who participate under this rider will be billed for electric service under all applicable tariffs including all applicable riders.

Green Power purchased under this rider, will be billed at the applicable Green Power rate times the number of 100 kWh blocks the customer has agreed to purchase per month.

The Green Power rate shall be \$2.00 per 100 kWh block with a minimum monthly purchase of two 100 kWh blocks.

Carbon Offsets purchased under this rider, will be billed at the applicable Carbon Offset rate times the number of Carbon Offsets the customer has agreed to purchase per month.

The Carbon Offset rate shall be \$4.00 per 500 lbs offset block.

Issued by authority of an Order of the Kentucky Case No. <u>2009-00408.</u>	Public Service Commission dated February 5, 2010 in	(T) (T)
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## TERMS AND CONDITIONS

1. The customer shall enter into a service agreement with Company that shall specify the number of kWh blocks and/or Carbon Offsets to be purchased monthly and the corresponding rates(s) per unit. The Customer shall give Company thirty (30) days notice prior to cancellation of participation in this rider.

2. Funds collected from this tariff will be used to purchase Renewable Energy Certificates (RECs) and/or carbon credits from renewable and environmentally friendly sources as described in the DEFINITION OF GREEN POWER AND CARBON OFFSETS section and for customer education, marketing, and costs of the GoGreen Power Program.

3. Renewable Energy Certificate (REC) shall mean tradable units that represent the commodity formed by unbundling the environmental attributes of a unit of renewable or environmentally friendly energy from the underlying electricity. One REC would be equivalent to the environmental attributes of one MWH of electricity from a renewable or environmentally friendly generation source.

4. Carbon Credit shall mean tradable units that represent the reduction of the release of a greenhouse gas in the equivalent of one metric ton of  $CO_2$ . A Carbon Offset represents approximately  $\frac{1}{4}$  of a Carbon Credit.

5. Company reserves the right to terminate the Rider or revise the pricing or minimum purchase amount of the Rider after giving 60 days notice to the Kentucky Public Service Commission.

6. Company may obtain RECs from purchased power, company owned generation, or third party brokers purchased with funds collected from this rider.

Company may obtain Carbon Credits from third party brokers or company owned projects with funds collected from this rider.

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's Service Regulations, as filed with the Kentucky Public Service Commission.

Issued by authority of an Order of the Kentucky Public Service Commission dated February 5, 2010 in Case No. 2009-00408.

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Effective: September 30, 2010

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## **RIDER NM**

## NET METERING RIDER

### AVAILABILITY

Net Metering is available to eligible customer-generators in the Company's service territory, upon request, and on a first-come, first-served basis up to a cumulative capacity of 1% of the Company's single hour peak load in Kentucky during the previous year. If the cumulative generating capacity of net metering systems reaches one percent (1%) of the Company's single hour peak load during the previous year, upon Commission approval, the Company's obligation to offer net metering to a new customer-generator may be limited. An eligible customer-generator shall mean a retail electric customer of the Company with a generating facility that:

- (1) Generates electricity using solar energy, wind energy, biomass or biogas energy, or hydro energy;
- (2) Has a rated capacity of not greater than thirty (30) kilowatts;
- (3) Is located on the customer's premises;
- (4) Is owned and operated by the customer;
- (5) Is connected in parallel with the Company's electric distribution system; and
- (6) Has the primary purpose of supplying all or part of the customer's own electricity requirements.

At its sole discretion, the Company may provide Net Metering to other customer-generators not meeting all the conditions listed above on a case-by-case basis.

The term "Customer" hereinafter shall refer to any customer requesting or receiving Net Metering services under this tariff.

### METERING

The Company shall provide net metering services, without any cost to the Customer for metering equipment, through a standard kilowatt-hour metering system capable of measuring the flow of electricity in two (2) directions. This provision does not relieve Customer of his or her responsibility to pay metering costs embedded in the utility's Commission-approved base rates.

The standard kilo-watt-hour metering system shall use one of the following methods, as determined solely by the Company:

- (1) A single standard kilowatt-hour meter capable of measuring the flow of electricity in two (2) directions and registering the net amount in one register.
- (2) A single standard kilowatt-hour meter capable of measuring the flow of electricity in two (2) directions and registering the amount of flow in each direction in two separate registers, one measuring the flow of electricity from the Company to the Customer and the other measuring the flow of electricity from the Customer to the Company.

	by authority of an Order of the Kentucky 2009 in Case No. 2008-00169.	Public Service Commission in accordance with Order da	ated (T) (T)
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METERING (Cont'd.)

(3) If method (1) or (2) is not feasible, two standard kilowatt-hour meters may be used, one measuring the flow of electricity from the Company to the Customer and the other measuring the flow of electricity from the Customer to the Company.

In method (2) or (3), subtracting one register or meter reading from the other register or meter reading will yield the same result as if method (1) were used.

Any additional meter, meters, or distribution upgrades needed to monitor the flow in each direction shall be installed at the Customer's expense.

#### BILLING

The measurement of net electricity supplied by the Company and delivered to the Company shall be calculated in the following manner. The Company shall measure the difference between the amount of electricity delivered by the Company to the Customer and the amount of electricity generated by the Customer and delivered to the Company during the billing period, in accordance with one of the methods listed under "METERING". If the kWh delivered by the Company to the Customer exceeds the kWh delivered by the Customer to the Company during the billing period, the Customer shall be billed for the kWh difference. If the kWh generated by the Customer and delivered to the Company exceeds the kWh supplied by the Company to the Customer during the billing period, the Customer shall be credited in the next billing cycle for the kWh difference. Any unused credit when the Customer closes his account will be granted to the Company.

Bill charges and credits will be in accordance with the same standard tariff that would apply if the Customer were not a customer-generator. If time-of-use metering is used, the electricity fed back to the electric grid by the Customer shall be net-metered and accounted for at the specific time it is fed back to the electric grid in accordance with the time-of-use billing agreement currently in place.

Net metering credits are not transferable between customers or locations.

#### APPLICATION AND APPROVAL PROCESS

The Customer shall submit an Application for Interconnection and Net Metering ("Application") and receive approval from the Company prior to connecting the generator facility to the Company's system.

Applications will be submitted by the Customer and reviewed and processed by the Company according to either Level 1 or Level 2 processes defined below.

The Company may reject an Application for violations of any code, standard, or regulation related to reliability or safety; however, the Company will work with the Customer to resolve those issues to the extent practicable.

Customers may contact the Company to check on status of an Application or with questions prior to submitting an Application. Company contact information can be found on the Application form.

Application forms along with instructions on how to submit an application are available on the Company's website.

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#### LEVEL 1

A Level 1 Application shall be used if the generating facility is inverter based and is certified by a nationally recognized testing laboratory to meet the requirements of Underwriters Laboratories Standard 1741 "Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources" (UL 1741).

The Company will approve the Level 1 Application if the generating facility also meets all of the following conditions:

- (1) For interconnection to a radial distribution circuit, the aggregated generation on the circuit, including the proposed generating facility, will not exceed 15% of the Line Section's most recent annual one hour peak load. A line section is the smallest part of the primary distribution system the generating facility could remain connected to after operation of any sectionalizing devices.
- (2) If the proposed generating facility is to be interconnected on a single-phase shared secondary, the aggregate generation capacity on the shared secondary, including the proposed generating facility, will not exceed the smaller of 20 kVA or the nameplate rating of the transformer.
- (3) If the proposed generating facility is single-phase and is to be interconnected on a center tap neutral of a 240 volt service, its addition shall not create an imbalance between the two sides of the 240 volt service of more than 20% of the nameplate rating of the service transformer.
- (4) If the generating facility is to be connected to three-phase, three wire primary utility distribution lines, the generator shall appear as a phase-to-phase connection at the primary utility distribution line.
- (5) If the generating facility is to be connected to three-phase, four wire primary utility distribution lines, the generator shall appear to the primary utility distribution line as an effectively grounded source.
- (6) The interconnection will not be on an area or spot network<sup>1</sup>.
- (7) The Company does not identify any violations of any applicable provisions of IEEE 1547, "Standard for Interconnecting Distributed Resources with Electric Power Systems".
- (8) No construction of facilities by the Company on its own system will be required to accommodate the generating facility

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<sup>&</sup>lt;sup>1</sup>Area and spot networks are systems where multiple transformers are interconnected on the secondary side and multiple primary voltage circuits are used to feed the transformers. A spot network is typically used to serve a single building and the transformers are all in one location. An area network typically serves multiple customers with secondary conductors covering multiple city blocks and with transformers at various locations.

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#### LEVEL 1 (Cont'd)

If the generating facility does not meet all of the above listed criteria, the Company, in its sole discretion, may either: 1.) approve the generating facility under the Level 1 Application if the Company determines that the generating facility can be safely and reliably connected to the Company's system; or 2) deny the application as submitted under the Level 1 Application.

The Company shall notify the customer within 20 business days whether the application is approved or denied, based on the criteria provided in this section.

If the application lacks complete information, the Company shall notify the Customer that additional information is required, including a list of such additional information. The time between notification and receipt of required additional information will add to the time to process the application.

The Customer shall be notified whether the application is approved in writing. The approval will be conditioned upon successful completion of an initial installation inspection and witness test if required by the Company. The Company's written approval will indicate if an inspection and witness test are required. If an inspection and witness test are required, the Customer shall notify the Company within 3 business days of completion of the generating facility installation and schedule an inspection and witness test with the Company to occur within 10 business days of completion of the generator facility installation or as otherwise agreed to by the Company and the Customer. If an inspection and witness test is required, the Customer may not operate the generating facility (except for operational testing not to exceed two hours) until successful completion of such inspection and witness test. If the installation fails the inspection or witness test due to non-compliance with any provision in the Application and Company approval, the Customer shall not operate the generating facility until any and all non-compliance is corrected and re-inspected by the Company.

If the Application is denied, the Company will supply the Customer with reasons for denial. The Customer may resubmit under Level 2 if appropriate.

#### LEVEL 2

A Level 2 Application is required under any of the following:

- (1) The generating facility is not inverter based;
- (2) The generating facility uses equipment that is not certified by a nationally recognized testing laboratory to meet the requirements of UL 1741; or
- (3) The generating facility does not meet one or more of the additional conditions under Level 1.

The Company will approve the Level 2 application if the generating facility meets the Company's technical interconnection requirements, which are based on IEEE 1547. The Company's technical interconnection requirements are available on the Company's website or upon request.

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#### LEVEL 2 (Cont'd.)

The Company will process the Level 2 Application within 30 business days of receipt of a complete application. Within that time the Company will respond in one of the following ways:

- 1. The application is approved and the Company will provide the Customer with an Interconnection Agreement to sign.
- 2. If construction or other changes to the Company's distribution system are required, the cost will be the responsibility of the Customer. The Company will give notice to the Customer and offer to meet to discuss estimated costs and construction timeframe. Should Customer agree to pay for costs and proceed, Company will provide the Customer with an Interconnection Agreement to sign within a reasonable time.
- 3. The application is denied. The Company will supply the Customer with reasons for denial and offer to meet to discuss possible changes that would result in Company approval. Customer may resubmit application with changes.

If application lacks complete information, Company shall notify Customer that additional information is required, including a list of such additional information. The time between notification and receipt of required additional information will add to the 30 business day target to process the application.

The Interconnection Agreement will contain all the terms and conditions for interconnection consistent with those specified in this tariff, inspection and witness test requirements, description of and cost of construction or other changes to the Company's distribution system required to accommodate the generating facility, and detailed documentation of the generating facilities which may include single line diagrams, relay settings, and description of operation.

Customer may not operate the generating facility until an Interconnection Agreement is signed by the Customer and Company and all necessary conditions stipulated in the agreement are met.

#### APPLICATION, INSPECTION AND PROCESSING FEES

No application fees or other review, study, or inspection fees are charged by the Company for Level 1 or Level 2 applications.

## TERMS AND CONDITIONS FOR INTERCONNECTION

To interconnect to the Company's distribution system, the Customer's generating facility shall comply with the following terms and conditions:

1. The Company shall provide Customer net metering services, without charge for standard metering equipment, through a standard kilowatt-hour metering system capable of measuring the flow of electricity in two (2) directions. If the Customer requests any additional meter or meters or distribution upgrades are needed to monitor the flow in each direction, such installations shall be at the Customer's expense.

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## TERMS AND CONDITIONS FOR INTERCONNECTION (Cont'd.)

- 2. Customer shall install, operate, and maintain, at Customer's sole cost and expense, any control, protective, or other equipment on the Customer's system required by the Company's technical interconnection requirements based on IEEE 1547, the NEC, accredited testing laboratories such as Underwriters Laboratories, and the manufacturer's suggested practices for safe, efficient and reliable operation of the generating facility in parallel with Company's electric system. Customer shall bear full responsibility for the installation, maintenance and safe operation of the generating facility. Upon reasonable request from the Company, Customer shall demonstrate generating facility compliance.
- 3. The generating facility shall comply with, and Customer shall represent and warrant its compliance with: (a) any applicable safety and power quality standards established by IEEE and accredited testing laboratories such as Underwriters Laboratories; (b) the NEC as may be revised from time to time; (c) Company's rules, regulations, and Company's Service Regulations as contained in Company's Retail Electric Tariff as may be revised from time to time with the approval of the Kentucky Public Service Commission (Commission); (d) the rules and regulations of the Commission, as such rules and regulations may be revised from time to time by the Commission; and (e) all other applicable local, state, and federal codes and laws, as the same may be in effect from time to time. Where required by law, Customer shall pass an electrical inspection of the generating facility by a local authority having jurisdiction over the installation.
- 4. Any changes or additions to the Company's system required to accommodate the generating facility shall be considered excess facilities. Customer shall agree to pay Company for actual costs incurred for all such excess facilities prior to construction.
- 5. Customer shall operate the generating facility in such a manner as not to cause undue fluctuations in voltage, intermittent load characteristics or otherwise interfere with the operation of Company's electric system. At all times when the generating facility is being operated in parallel with Company's electric system, Customer shall so operate the generating facility in such a manner that no adverse impacts will be produced thereby to the service quality rendered by Company to any of its other customers or to any electric system interconnected with Company's electric system. Customer shall agree that the interconnection and operation of the generating facility is secondary to, and shall not interfere with, Company's ability to meet its primary responsibility of furnishing reasonably adequate service to its customers.
- 6. Customer shall be responsible for protecting, at Customer's sole cost and expense, the generating facility from any condition or disturbance on Company's electric system, including, but not limited to, voltage sags or swells, system faults, outages, loss of a single phase of supply, equipment failures, and lightning or switching surges, except that the Company shall be responsible for repair of damage caused to the generating facility resulting solely from the negligence or willful misconduct on the part of the Company.

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## TERMS AND CONDITIONS FOR INTERCONNECTION (Cont'd.)

- 7. After initial installation, Company shall have the right to inspect and/or witness commissioning tests, as specified in the Level 1 or Level 2 application and approval process. Following the initial testing and inspection of the generating facility and upon reasonable advance notice to Customer, Company shall have access at reasonable times to the generating facility to perform reasonable on-site inspections to verify that the installation, maintenance and operation of the generating facility comply with the requirements of this Tariff.
- 8. For inverter based systems that are certified by a nationally recognized testing laboratory to meet the requirements of UL 1741, the Company does not require a Customer owned external disconnect switch (EDS). For other generating facility types, an isolation device that satisfies the Company's technical interconnection requirements must be included. Where required by the Company, an eligible Customer shall furnish and install on Customer's side of the point of common coupling a safety disconnect switch which shall be capable of fully disconnecting the Customer's energy generating equipment from Company's electric service under the full rated conditions of the Customer's generating facility. The EDS shall be located adjacent to Company's meters or the location of the EDS shall be noted by placing a sticker on the meter, and shall be of the visible break type in a metal enclosure which can be secured by a padlock. If the EDS is not located directly adjacent to the meter, the Customer shall be responsible for ensuring the location of the EDS is properly and legibly identified for so long as the generating facility is operational. The disconnect switch shall be accessible to Company personnel at all times.
- 9. Company shall have the right and authority at Company's sole discretion to isolate the generating facility or require the Customer to discontinue operation of the generating facility if Company believes that: (a) continued interconnection and parallel operation of the generating facility with Company's electric system creates or contributes (or may create or contribute) to a system emergency on either Company's or Customer's electric system; (b) the generating facility is not in compliance with the requirements of this Tariff, and the non-compliance adversely affects the safety, reliability or power quality of Company's electric system; or (c) the generating facility interferes with the operation of Company's electric system. In non-emergency situations, Company shall give Customer notice of noncompliance including a description of the specific noncompliance condition and allow Customer a reasonable time to cure the noncompliance prior to isolating the Generating Facilities. In emergency situations, where the Company is unable to immediately isolate or cause the Customer to isolate only the generating facility, the Company may isolate the Customer's entire facility.
- 10. Customer shall agree that, without the prior written permission from Company, no changes shall be made to the generating facility as initially approved. Increases in generating facility capacity will require a new "Application for Interconnection and Net Metering" which will be evaluated on the same basis as any other new application. Repair and replacement of existing generating facility components with like components that meet UL 1741 certification requirements for Level 1 facilities and not resulting in increases in generating facility capacity is allowed without approval.

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## TERMS AND CONDITIONS FOR INTERCONNECTION (Cont'd.)

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Erlanger, KY 41018

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 in accordance with Order dated April 24, 2009 in Case No. 2008-00169.

Issued: September 29, 2010

Effective: September 30, 2010

Schedule L-2.1 Page 101 of 138 Witness Responsible: Bruce Sailers

> KY.P.S.C. Electric No. 2 <u>First</u> Revised Sheet No. 90

Cancels and Supersedes

Original Sheet No. 90

Page 1 of 1

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018

# BAD CHECK CHARGE

#### APPLICABILITY

Applicable to all customers in the Company's electric service area.

#### CHARGE

The Company may charge and collect a fee of \$11.00 to cover the cost of handling an unsecured check, where a customer tenders in payment of an account a check which upon deposit by the Company is returned as unpaid by the bank for any reason.

#### SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, an to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as approved by law.

Issued b	y authority of an Order o	of the Kentucky Public Service Commi	ssion dated	<u>December 21, 2006</u> in	(T)
Case No	<u>. 2006-00172</u> .				(T)
lssued:	September 29, 2010		Effective:	<u>September 30, 2010</u>	(T)
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		Issued by Julie Janson, President			

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	Schedule L-2.1	
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	Witness Responsible: Bruce Sailers	
	KY.P.S.C. Electric No. 2	
	Second Revised Sheet No. 91	(T)
Duke Energy Kentucky, Inc.	Cancels and Supersedes	
4580 Olympic Blvd.	First Revised Sheet No. 91	(T)
Erlanger, Kentucky 41018	Page 1 of 1	

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## CHARGE FOR RECONNECTION OF SERVICE

# APPLICABILITY

Applicable to all customers in the Company's entire service area who are in violation of Section 1, Rule 3, Company's Right to Cancel Service Agreement or to Suspend Service, of the Company's Electric Service Regulations.

#### CHARGE

The Company may charge and collect in advance the following:

- A. The reconnection charge for service which has been disconnected due to enforcement of Rule 3 shall be twenty-five dollars (\$25.00).
- B. The reconnection charge for service which has been disconnected within the preceding twelve months at the request of the customer shall <u>be twenty-five dollars (\$25,00)</u>.
- C. If service is discontinued because of fraudulent use thereof, the Company may charge and collect in addition to the reconnection charge <u>of twenty-five dollars (\$25.00)</u> the expense incurred by the Company by reason of such fraudulent use, plus an estimated bill for electricity used, prior to the reconnection of service.
- D. If both the gas and electric services are reconnected at one time, the total charge shall not exceed thirty-eight dollars (\$38.00).
- E. Where electric service was disconnected at the pole because the Company was unable to gain access to the meter, the reconnection charge shall <u>be sixty-five dollars (\$65.00)</u>. If the gas service is also reconnected the charge shall be <u>ninety dollars (\$90.00)</u>.
- F. If the Company receives notice after 2:30 p.m. of a customer's desire for same day reinstatement of service and if the reconnection cannot be performed during normal <u>business hours, the</u> after hour reconnection charge for connection shall be an additional twenty-five dollars (\$25.00). Customers will be notified of the additional \$25.00 charge for reconnection at the meter or at the pole at the time they request same day service.
- G. If a Company employee, whose original purpose was to disconnect the service, has provided the customer a means to avoid disconnection, service which otherwise would have been disconnected shall remain intact, and no reconnection charge shall be assessed. However, a collection charge <u>of fifteen dollars (\$15.00)</u> may be assessed, but only if a Company employee actually makes a field visit to the customer's premises.

# 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 <u>December 21, 2006</u> in Case No. <u>2006-00172</u>.

Issued: September 29, 2010

Effective: September 30, 2010

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Schedule L-2.1 Page 103 of 138 Witness Responsible: Bruce Sailers

1	Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018	KY.P.S.C. Electric No. 2 <u>First</u> Revised Sheet No. 92 Cancels and Supersedes <u>Original</u> Sheet No. 92 Page 1 of 6	(T) (T)
1	RATE CATV		(T)
	RATE FOR POLE ATTACHMENTS OF CABLE	TELEVISION SYSTEMS	(T)
	APPLICABILITY Applicable to the attachment of cable television <u>systems to</u> (attachee) who makes application on an appropriate Comp and documents specified herein and in the <u>application.</u>		(T) (T)
	ATTACHMENT CHARGES The following annual <u>rental shall</u> be charged for the use of e	each of the Company's poles:	(T)
	<u>\$4.60</u> for a two-user pole.		(I)
	<u>\$4.00</u> for a three-user pole.		(I)

A two-user pole is a pole being used, either by actual occupation or by reservation, by the attachee and the Company. A three-user pole is a pole being used, either by actual occupation or by reservation, by the attachee, the Company and a third party.

## PAYMENT

Attachee shall pay to the Company for all authorized attachments an annual rental, as set forth above, for the use of each of the Company's pole, any portion of which is occupied by, or reserved at attachee's request for the attachments of attachee, at any time during the initial rental year. The first annual payment of rental for the previous rental year shall be due and payable on the first anniversary date of attachee's application. Subsequent payments of annual rental shall be due and payable on each succeeding anniversary date thereof.

As newly authorized attachments are made after the initial rental year, rentals for such attachments shall be paid for the entire year if made within the six month period after any anniversary date, and for on-half year if made during the following six month period. For any attachments removed by attachee and for which the Company shall have received written notice from attachee, the yearly rental shall be prorated to the date of removal.

All fees, charges and rentals provided for herein not paid when due and payable shall bear interest at the maximum rate permitted by law from the date when due, until paid.

# TERMS AND CONDITIONS

1. Prior to the signing of the application, attachee shall send the Company all manufacturers' technical manuals and information, and construction standards and manuals regarding the equipment attachee proposes to use pursuant to the provisions contained herein and such other information as requested by the Company.

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 in (T) Case No. 2006-00172. (T)

Issued: September 29, 2010

Effective: September 30, 2010

Issued by Julie Janson, President

(T)

Schedule L-2.1 Page 104 of 138 Witness Responsible: Bruce Sailers

	KY.P.S.C. Electric No. 2	
	First Revised Sheet No. 92	(T)
Duke Energy Kentucky, Inc.	Cancels and Supersedes	
4580 Olympic Blvd.	Original Sheet No. 92	(T)
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# TERMS AND CONDITIONS (Contd.)

- 2. After the Company has received a signed application from attachee and before any attachment is made by attachee, it shall make a written request for permission to install attachments on any pole of the Company, specifying the location of each pole in question, the character of its proposed attachments and the amount and location of space desired. Within 30 days after receipt of such application, the Company shall notify attachee in writing whether or not is is willing to permit the attachments and, if so, under what conditions. If such permission is granted, attachee shall have the right to occupy the space allotted by the Company under the conditions specified in such permit and in accordance with the terms contained herein but Company shall not be required to set a pole for the sole use by attachee. Company will not deny attachee the right to attach to a pole, if space is or can be made available.
- 3. All attachments are to be placed on poles of the Company in a manner satisfactory to the Company and so as not to interfere with the present or any future use which the Company may desire to make of such poles, wires or other facilities. All attachments shall be installed and maintained by attachee so as to comply at least with the minimum requirements of the National Electrical Safety Code and any other applicable regulations or codes promulgated by federal, state, local or other governmental authority having jurisdiction. Attachee shall take any necessary precautions, by the installation of protective equipment or other means, to protect all persons and property of all kinds against injury or damage occurring by reason of attachee's attachments on the Company's poles. The Company shall be the sole judge as to the requirements for the present or future use of its poles and equipment and of any interference therewith.
- 4. In any case where it is necessary for the Company to replace a pole because of the necessity of providing adequate space or strength to accommodate the attachments of attachee thereon, either at the request of attachee or to comply with the above codes and regulations, the attachee shall pay the Company the total cost of this replacement. Such cost shall be the total estimated cost of the new pole including material, labor, and applicable overheads, plus the cost of transferring existing electric facilities to the new pole, plus the cost of removal of the existing pole and any other incremental cost required to provide for the attachments of the attachee, including any applicable taxes the Company may be required to pay because of this change in plant, minus salvage value of any poles removed.

Attachee shall also pay to the Company and other owners thereof the cost of removing all existing attachments from the existing pole and re-establishing the same or like attachments on the newly installed pole. The new pole shall be the property of the Company regardless of any payments by attachee towards its cost and attachee shall acquire no right, title or interest in such pole.

	by authority of an Order of the Kentucky Publ 2. <u>2006-00172</u> .	ic Service Commission dated <u>December 21, 2006</u> in	(T (T
Issued:	September 29, 2010	Effective: September 30, 2010	(T

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Schedule L-2.1 Page 105 of 138 Witness Responsible: Bruce Sailers

	KY.P.S.C. Electric No. 2	
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4580 Olympic Blvd.	Original Sheet No. 92	(T)
Erlanger, Kentucky 41018	Page 3 of 6	

TERMS AND CONDITIONS (Contd.)

- 5. If attachee's proposed attachments can be accommodated on existing poles of the Company by rearranging facilities of the company and of other attachees or permittees thereon, such rearrangement shall be made by the Company and such other attachees or permittees, and attachee shall on demand reimburse the Company and such other attachees or permittees for any expense incurred by them in transferring or rearranging such facilities. Any additional guying required by reason of the attachments of attachee shall be made by attachee at its expense, and to the satisfaction of the Company.
- 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 permitees, or constitute a hazard to the service rendered by the Company or other attachees or permitees, 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.

Issued by authority of an Order of the Kentucky Public Service Commission dated <u>December 21, 2006</u> in Case No. 2006-00172.

Issued: September 29, 2010

Effective: September 30, 2010

Issued by Julie Janson, President

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#### Schedule L-2.1 Page 106 of 138 Witness Responsible: Bruce Sailers

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4580 Olympic Blvd.	<u>Original Sheet No. 92</u>	(T)
Duke Energy Kentucky, Inc.	Cancels and Supersedes	
	<u>First</u> Revised Sheet No. 92	(T)
	KY.P.S.C. Electric No. 2	

# TERMS AND CONDITIONS (Contd.)

- Attachee agrees to obtain and maintain at all times during the period attachee has attachments 9. on Company's poles, policies of insurance or bonds in lieu thereof providing an equivalent protection as follows:
  - (a) Public liability and automobile liability insurance for itself in an amount not less than \$500,000.00 for bodily injury to or death of any one person, and, subject to the same limit for any one person, in an aggregate amount not less than \$1,000,000.00 for any one occurrence.
  - (b) Property damage liability insurance for itself in an amount not less than \$500,000.00 for any one occurrence.
  - (c) Contractual liability insurance in the amounts set forth in (a) and (b) above, to cover the liability assumed by the attachee under the agreements of indemnity set forth herein.
- 10. Prior to making attachments to the Company's poles, attachee shall furnish to the Company two copies of a certificate or bond, from an insurance carrier or bond company acceptable to the Company, stating the policies of insurance or bond have been issued by it to attachee providing for the insurance or indemnity listed above and that such policies or bonds are in force. Such certificate shall state that the insurance carrier or bond company will give the Company 30 days prior written notice of any cancellation of or material change in such policies or bonds. The certificate or bond shall also quote in full the agreements of indemnity set forth herein as evidence of the type of contractual liability coverage furnished. If such certificate or bond recites that it is subject to any exceptions or exclusions, such exceptions or exclusions shall be stated in full in such certificate or bond, and the Company may, at its discretion, require attachee, before starting work, to obtain policies of insurance or bonds which are not subject to any exceptions or exclusions which the Company finds objectionable.
- 11. The Company reserves the right, without liability to attachee or its subscribers, to discontinue the use of, remove, replace or change the location of any or all of the Company's poles, attachments or facilities regardless of any occupancy of the Company's poles by attachee, and attachee shall at its sole cost after written notice by the Company, make such changes in, including removal or transfer of, its attachments as shall be required by such action of the Company. Attachee shall make such changes within 10 days after written notice when such movement is to the same or another pole of Company and within 30 days when Company plans to abandon a pole and no other pole is available or planned to be installed by Company. If attachee fails to make such changes within the required time period after written notice by the Company or in case of an emergency, the Company reserves the right to make such changes to the attachments of attachee at attachee's expense and without notice, and no liability therefor shall be incurred by the Company, unless Company is solely negligent, because of such action for any consequential damages, including but not limited to loss of service to

Issued by	authority of an Order of the Kentucky Public Service Comr	nission dated <u>December 21, 2006</u> in	(T)
Case No.	<u>2006-00172</u> .		(T)
lequed.	September 29, 2010	Effective: September 30, 2010	(T)

Issued: September 29, 2010

Effective: September 30, 2010

Issued by Julie Janson, President

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Erlanger, Kentucky 41018	Page 5 of 6	

# TERMS AND CONDITIONS (Contd.)

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customers of attachee. Company may not require that attachee remove attachments for the sole reason to make room for Company on an existing pole.

- 12. Attachee may at any time abandon the use of a jointly used pole hereunder by removing therefrom all of its attachments and by giving written notice thereof to the Company.
- 13. Attachee shall secure any right, license or permit from any governmental body, authority, or other person or persons which may be required for the construction or maintenance of attachments of attachee, at its expense. The Company does not guarantee any easements, rights-of-way or franchises for the construction and maintenance of such attachments. Attachee hereby agrees to indemnify and save harmless the Company from any and all claims, including the expenses incurred by the Company to defend itself against such claims, resulting from or arising out of the failure of attachee to secure such right, license, permit or easement for the construction or maintenance of such attachments on the Company's poles.
- 14. Electric service for cable television power supplies of attachee shall be supplied from the lines (T) 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.

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 in	
Case No. <u>2006-00172</u> .	

Issued: September 29, 2010

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# TERMS AND CONDITIONS (Contd.)

- 18. If attachee fails to comply with any of the provisions herein contained or defaults in the performance of any of its obligations herein contained and fails within 60 days after written notice from the Company to correct such default or non-compliance, the Company may, at its option, forthwith terminate the specific permit or permits covering the poles and attachee's attachments to which such default or non-compliance is applicable and any or all other permits of attachee, and remove attachments of attachee at attachee's expense, and no liability therefor shall be incurred by the Company because of such action except damages to facilities caused by the sole negligence of Company.
- 19. The area covered by the application will be set forth on a map, attached to, and made a part of the application. Such area may be extended or otherwise modified by a supplemental agreement mutually agreed upon and signed by the attachee and the Company with a new map attached thereto showing the changed area to be thereafter covered by the application. Such supplement shall be effective as of the date of final execution thereof and shall be attached to all executed copies of the application.
- 20. If attachee does not exercise the rights granted herein within six months from the date of the application, the application shall be void.
- 21. The provisions herein shall be binding upon and inure to the benefit of the parties thereto, their respective successors and/or assigns, but attachee shall not assign, transfer or sublet any of the rights hereby granted or obligations hereby assumed without the prior written consent of the Company.

# SERVICE REGULATIONS

The supplying and billing for service, and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission.

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 in (T) Case No. 2006-00172. (T) (T)

Issued: September 29, 2010

Effective: September 30, 2010

Issued by Julie Janson, President

Schedule L-2.1 Page 109 of 138 Witness Responsible: Bruce Sailers

KY. P.S.C. Electric No. 2Second Revised Sheet No. 93(T)Duke Energy Kentucky, Inc.Cancels and Supersedes4580 Olympic Blvd.First Revised Sheet No. 93(T)Erlanger, Kentucky 41018Page 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
- (2) Cogeneration Facility
- (3) Small Power Production Facility
- (4) Purchase
- (5) Sale
- (6) Avoided Cost

# OBLIGATIONS

(1) Purchases

The utility shall purchase from qualifying facilities in accordance with 807 KAR 5:054 - Sections 6 and 7.

(12) System

(7) Interconnection Cost

(11) Maintenance Power

(9) Back-up Power(10) Interruptible Power

(8) Supplementary Power

(2) Sales

The utility shall sell to qualifying facilities in accordance with 807 KAR 5:054 - Section 6.

(3) Interconnections

The utility shall make interconnections with qualifying facilities as may be necessary to accomplish purchases or sales and the qualifying facility will pay for the interconnection costs in accordance with 807 KAR 5:054 - Section 6.

(4) System Emergencies

During system emergencies the utility may discontinue purchases and sales or the qualifying facilities may be required to provide energy or capacity in accordance with 807 KAR 5:054 - Section 6.

# STANDARDS FOR OPERATING RELIABILITY

The technical requirements necessary for operating reliability are set forth in the Company's procedure entitled "Guideline Technical Requirements for Parallel Operation of Customer Generation on the Transmission System."

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 in	(	T)
<u>Case No. 2006-00172.</u>	(	T)

Issued: September 29, 2010

Effective: <u>September 30, 2010</u> (T)

#### Schedule L-2.1 Page 110 of 138 Witness Responsible: Bruce Sailers

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018	KY. P.S.C. Electric No. 2 <u>Second</u> Revised Sheet No. 93 Cancels and Supersedes <u>First</u> Revised Sheet No. 93 Page 2 of 2	(T) (T)
RATE SCHEDULES Rates for Purchases from qualifying facilities:		(T)
Purchase Rate shall be \$0.03078/kWh for all kilowatt-hours de	livered.	(R)
Rates for Sales to qualifying facilities will be accomplished through existing tariff schedules on file with the Ky. PSC.		(N) (T)
SERVICE REGULATIONS, TERMS AND CONDITIONS		

The QF shall enter into a written contract with the Company. Such contract shall set forth any specific arrangements between the parties based on the individual circumstances so involved.

The supplying and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Public Service Commission of Kentucky.

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006	in	(T)
Case No. 2006-00172.		(T)

Issued: September 29, 2010

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Schedule L-2.1 Page 111 of 138 Witness Responsible: Bruce Sailers

Duke Energy Kentucky , Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018 KY.P.S.C. Electric No. 2Third Revised Sheet No. 94(T)Cancels and Supersedes(T)Second Revised Sheet No. 94(T)Page 1 of 2(T)

# 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
- (2) Cogeneration Facility
- (3) Small Power Production Facility
- (4) Purchase
- (5) Sale
- (6) Avoided Cost

# OBLIGATIONS

(1) Purchases

The utility shall purchase from qualifying facilities in accordance with 807 KAR 5:054 - Sections 6 and 7.

(7) Interconnection Cost

(9) Back-up Power

(12) System

(10) Interruptible Power

(11) Maintenance Power

(8) Supplementary Power

(2) <u>Sales</u>

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 <u>dated April 12, 2012</u> in Case No. <u>2012-</u> (T) (T)

Issued: March 28, 2012

Effective: April 17, 2012

Issued by Julie Janson, President

(T)

# Schedule L-2.1 Page 112 of 138 Witness Responsible: Bruce Sailers

	KY.P.S.C. Electric No. 2 <u>Third</u> Revised Sheet No. 94 (T)	
Duke Energy Kentucky,Inc.	Cancels and Supersedes	
4580 Olympic Blvd.	Second Revised Sheet No. 94 (T)	
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# RATE SCHEDULES

Rates for Purchases from qualifying facilities:

The Purchase Rate for all kilowatt-hours delivered shall be the PJM Real-Time Total Locational	(T)
Marginal Price for power at the DEK Aggregate price node, inclusive of the energy, congestion and	(T)
losses charges, for each hour of the billing month.	(N)
	(N)

Rates for Sales to qualifying facilities will be accomplished through existing tariff schedules on file with the Ky. PSC.

# SERVICE REGULATIONS, TERMS AND CONDITIONS

The QF shall enter into a written contract with the Company. Such contract shall set forth any specific arrangements between the parties based on the individual circumstances so involved.

The supplying and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Public Service Commission of Kentucky.

Issued by authority of an Order of the Kentucky Public Service Commission <u>dated April 12, 2012</u> in Case No. <u>2012-</u> (T) <u>00130</u>.

Issued: March 28, 2012

Effective: April 17, 2012

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# LOCAL FRANCHISE FEE

# APPLICABLE TO ALL RATE SCHEDULES

There shall be added to the customer's bill, listed as a separate item, an amount equal to the fee now or hereafter imposed by local legislative authorities, whether by ordinance, franchise or other means, which fee is based on the gross receipts collected by the Company from the sale of electricity to customers within the boundaries of the particular legislative authority. Such amount shall be added exclusively to bills of customers receiving service within the territorial limits of the authority imposing the fee.

Where more than one such fee is imposed, each of the charges applicable to each customer shall be added to the customer's bill and listed separately.

Where the local legislative authority imposes a flat, fixed amount on the Company, the fee applied to the bills of customers receiving service within the territorial boundaries of that authority, shall be in the form of a flat dollar amount.

The amount of such fee added to the customer's bill shall be determined in accordance with the terms of the ordinance, franchise or other directive agreed to by the Company.

Issued by authority of the Kentucky Public Service Commission dated <u>December 21, 2006 in Case No. 2006</u>-00172.

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# RATE UDP-R

# UNDERGROUND RESIDENTIAL DISTRIBUTION POLICY

# APPLICABILITY

Applicable to the electric service of: 1. single family houses in increments of ten (10) or more contiguous lots with a maximum lot width of one hundred twenty (120) feet; or 2. multi-family dwellings in buildings containing five (5) or more individually metered family units. Rate UDP-R is available throughout the service area of the Company in those situations where the Company extends its distribution lines using pad-mounted transformers to serve new developments.

# CHARGES

The following charges will be assessed:

- 1. Single Family Houses.
  - A. \$2.15 per front foot for all primary extensions. Primary extension on private property will be charged \$2.15 per linear trench foot; and
  - B. An additional \$2.00 per linear trench foot shall be charged where extremely rocky conditions are encountered, such conditions being defined as limestone or other hard stratified material in a continuous volume of at least one cubic yard or more which cannot be removed using ordinary excavation equipment.
- 2. Multi-Family Units.

There shall be no charge <u>except</u> 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 <u>services.</u> 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.

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# GENERAL CONDITIONS (Contd.)

- 3. The Developer shall complete and be responsible for maintaining final grade within the right-ofway 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.
- The Company shall determine equipment locations and such facilities must be accessible from adequate driveways, protected from mechanical hazards and placed so as to maintain proper clearance from building openings.
- 7. The Company shall determine the number of customers to be served from each transformer or pull-box, where meters shall be located and how they shall be grouped.
- 8. The Developer, at the Company's option, may be required to pay to the Company a deposit on the contracted charges when the agreement is executed. The Developer shall pay to the Company the balance due under said agreement at the Company's preconstruction meeting, at which time the work performed by the Company is scheduled.
- 9. The Developer shall furnish to the Company the required number of plat drawings approved by governmental authorities having jurisdiction, and any revisions of such plats, which shall indicate the location of all proposed driveways, parking areas, building openings and sewer, water, gas and telephone facilities.
- 10. The Developer shall stake all required lot corners or control points along the cable route as specified by the Company.
- 11. The Developer shall complete final grade of distribution line route before construction work is started and be responsible for maintaining same during construction. The Company shall permit a maximum cut of six inches for sidewalk and driveways after their facilities have been installed. No fill will be permitted after the Company's facilities have been installed except by written permission from the Company. If it is necessary to change the grade of the Company's facilities due to changes by the Developer, all costs of the change shall be borne by the Developer.
- 12. The underground construction area shall be clear of all other construction forces and, after the underground construction has begun, it shall not be interrupted by other construction forces.

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# GENERAL CONDITIONS (Contd.)

- 13. The Developer shall enter into a written agreement with the Company. This agreement and an attached plan shall constitute written notice when Developer has signed said agreement and the ENDORSEMENT attached to said plat, accepting the location of underground electric facilities as shown thereon. Any additional engineering required or extra construction costs required by the Company shall be borne by the Developer.
- 14. The Developer shall grant to the Company, on its applicable forms, all rights-of-way which in the opinion of the Company are necessary or desirable for such extensions.
- 15. Should the Developer request additional facilities, different routing or termination points, or changes in the facilities planned or installed, the Developer shall pay the total estimated cost to the Company for such additional facilities or changes.
- 16. The Developer shall also pay the cost of any repairs or replacement to the distribution system resulting from the negligent act of acts of the Developer, his agents, workmen, contractors or tenants.

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# RATE UDP-G

# GENERAL UNDERGROUND DISTRIBUTION POLICY

# APPLICABILITY

Applicable to electric service of: 1. single family houses or multi-family dwellings that do not qualify under the Applicability of the Underground Residential Distribution Policy; 2. commercial and industrial customers; or 3. special situations. Rate UDP-G is available throughout the service area of the Company in those situations where the Company extends its distribution lines to serve new <u>developments not</u> 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;
- Furnish, install (concrete, if required), own and maintain all primary and/or secondary conduit system (with spares, if required) on private property meeting applicable codes and Company's specifications; and
- c) Provide the transformer pad and secondary conductors.
- 3. Special Situations

In those situations where the Company considers the pad-mounted transformer installations unsuitable, the customer shall provide the vault designed to meet National Electric Code, other applicable codes, and Company specifications, the conduit to the vault area and the secondary cable to the transformer terminals. The Company shall provide the transformers, the primary vault wiring and make the secondary connection to the transformer terminals.

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# CHARGES (Cont'd.)

In large multiple cable installations, the customer shall provide the cable, provide and install the step bus mounted in the vault, and make necessary cable connections to the step bus to the Company's specifications. The Company shall provide and install connections from the transformer terminals to the step bus.

The customer shall extend the bus duct into the vault to the Company's specifications. The Company shall provide and install connections from the transformer terminals to the bus duct.

# **GENERAL CONDITIONS**

- Other shall, in accordance with the specifications of the Company and local inspection authority, furnish, install, own and maintain the customer <u>services.</u> 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 pullboxes, where meters shall be located and how they shall be grouped.
- 8. The customer, at the Company's option, may be required to pay to the Company a deposit on the contracted charges when the agreement is executed. Upon completion of construction of the underground electric facilities, the customer shall pay to the Company the balance due under said **GENERAL CONDITIONS (Cont'd.)**

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# agreement.

- 9. The customer shall furnish to the Company the required number of plat drawings approved by governmental authorities having jurisdiction, and any revisions of such plats, which shall indicate the location of all proposed driveways, parking areas, building openings and sewer, water, gas, telephone and CATV facilities.
- 10. The customer shall stake all required lot corners or control points along the cable route as specified by the Company.
- 11. The customer shall complete final grade of distribution line route before construction work is started and be responsible for maintaining same during construction. The Company shall permit a maximum cut of six inches for sidewalk and driveways after their facilities have been installed. No fill will be permitted after the Company's facilities have been installed except by written permission from the Company. If it is necessary to change the grade of the Company's facilities due to changes by the customer, all costs of the change shall be borne by the customer.
- 12. The underground construction area shall be clear of all other construction forces and, after the underground construction has begun, it shall not be interrupted by other construction forces.
- 13. The customer shall enter into a written agreement with the Company. This agreement and an attached plat shall constitute written notice when customer has signed said agreement and/or the ENDORSEMENT attached to said plat, accepting the location of underground electric facilities as shown thereon. Any additional engineering required or extra construction costs required of the Company shall be borne by the customer.
- 14. The customer shall grant to the Company, on its applicable forms, all rights-of-way which in the opinion of the Company are necessary or desirable for such extensions.
- 15. Should the customer request additional facilities, different routing or termination points, or changes in the facilities planned or installed, the customer shall pay the total estimated cost to the Company for such additional facilities or changes.
- 16. The customer shall also pay the cost of any repairs or replacement to the distribution system resulting from the negligent act or acts of the customer, his agents, workmen, contractors or tenants.
- 17. The customer will not be required to pay the differential in cost between a pad-mounted and polemounted transformer.

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# ELECTRICITY EMERGENCY PROCEDURES

# FOR

# LONG-TERM FUEL SHORTAGES

# APPLICABILITY

In the event of an energy emergency which necessitates curtailment of electricity consumption, Duke Energy Kentucky, Inc. and consumers of electric energy supplied by the Company shall take actions set forth herein, except where the Kentucky Public Service Commission (Commission) or other authority having jurisdiction in the matter orders otherwise.

# PROCEDURES

Electricity emergency procedures may be necessary if there is a shortage in the electric energy supply to meet the requirements of consumers of electric energy in the service area of the Company. The procedures set forth the actions to be taken by the Company and consumers of electric energy in the event of a long-term fuel shortage for electric generation jeopardizing electric service to the Company's customers.

# I. DEFINITIONS

For purposes of this procedure, the Company has adopted the following definitions:

- A. "electricity priority uses" shall mean the amount of electrical energy necessary for protection of the public's health and safety, and for the prevention of unnecessary or avoidable damage to property at:
- 1. Residences (homes, apartments, nursing homes, institutions, and facilities for permanent residents or transients);
- 2. Hospitals;
- 3. Medical and human life support systems and facilities;
- 4. Electric power generating facilities and central heating plants serving the public;
- 5. Telephone, radio, television, and newspaper facilities;
- 6. Local and suburban transit systems and air terminal facilities:
- 7. Police and fire fighting facilities;

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# DEFINITIONS (Contd.)

- 8. Water supply and pumping facilities;
- 9. Sanitary service facilities for collection, treatment, or disposal of community sewage;
- 10. Federal facilities essential to national defense or energy supply;
- 11. Production facilities for natural gas, artificial or synthetic gas, propane, and petroleum fuel, and for fuel refineries;
- 12. Pipeline transmission and distribution facilities for natural gas, artificial or synthetic gas, propane, and petroleum fuels;
- 13. Coal mines and related facilities;
- 14. Production, processing, distribution, and storage facilities for dairy products, meat, fish, poultry, eggs, produce, crackers, bread, and livestock and poultry feed;
- 15. Buildings and facilities limited to uses protecting the physical plant and structure, appurtenances, product inventories, raw materials, livestock, and other personal or real property; and
- 16. Such other similar uses as may be determined by the Kentucky Public Service Commission (hereinafter "Commission").
- B. "non-priority uses" shall mean all uses of electricity other than priority uses.
- C. "consumer" shall mean that person or entity who consumes electric energy from the Company.
- D. "normal burn days" shall mean the number of days of coal supply available for operation of the generating facilities of the Company's supplier. Duke Energy Ohio.
- E. "normal usage" shall mean electric energy consumption by a consumer during the comparable period during the previous year adjusted for weather or other major changes in usage.

The Company encourages consumers who have electric priority uses to implement the actions required herein to the extent reasonably possible. Consumers who have electric priority uses or have critical equipment or processes should consider the installation of emergency generation equipment if continuity of service is essential.

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# II. LONG-TERM FUEL SHORTAGE

- A. Upon the commencement of a coal miners' strike, officially declared or otherwise, or other happening which could cause a long-term fuel shortage, the Company shall curtail nonessential use of energy on premises controlled by the Company including parking and large area lighting and interior lighting except lighting required for security and safety, and other uses of energy both during and outside normal business hours.
- B. Voluntary Curtailment:
  - 1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to forty (40) days, the Company shall request voluntary conservation by all consumers of at least 25% of all non-priority use of electric.
  - 2. The Company shall implement a public appeals campaign through the news media to its consumers making appropriate suggestions for achieving usage reductions. These reductions should include but not be limited to the following:
    - (a) Reduce outdoor lighting;
    - (b) Reduce general interior lighting levels to minimum levels to the extent this contributes to decreased electricity usage;
    - (c) Reduce show window and display lighting to minimum levels to protect property;
    - (d) Reduce the number of elevators operating in office buildings during non-peak hours;
    - (e) Reduce electric water heating temperature to minimum level.
    - (f) Minimize work schedules for building cleaning and maintenance, restocking, etc., in order to eliminate the necessity for office or commercial and industrial facilities to be open beyond normal working hours;
    - (g) Minimize electricity use by maintaining a building temperature of no less than 78 degrees Fahrenheit by operation of cooling equipment and no more than 68 degrees Fahrenheit by operation of heating equipment;
    - (h) Encourage, to the extent possible, daytime scheduling of entertainment and recreational facilities.

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# II. LONG-TERM FUEL SHORTAGE (Contd.)

- 3. The Company, through the issuing of periodic bulletins to the news media, shall inform the general public of:
  - (a) The coal supply level of its supplier, at least weekly;
  - (b) The actions which will be required of consumers if it becomes necessary to initiate mandatory curtailment of electric energy and the procedures to be followed prior to and during the period electric usage is restricted.
- C. Mandatory Curtailment Stage One:
  - 1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to thirty (30) days, consumers shall curtail the use of electricity as follows:
    - (a) All previous measures shall be continued except as amended below;
    - (b) All non-priority outdoor lighting is prohibited;
    - (c) All public, commercial, and industrial buildings shall minimize electricity use by maintaining a building temperature of no less than 85 degrees Fahrenheit by the operation of cooling equipment and no more than 60 degrees Fahrenheit by the operation of heating equipment, except where health requirements or equipment protection deem such measures to be inappropriate;
    - (d) All public, commercial, and industrial buildings shall reduce interior lighting to the minimum levels essential for continued work and operations to the extent this contributes to decreased use of electric energy.
- D. Mandatory Curtailment Stage Two:
  - 1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to twenty-five (25) days, consumers shall curtail the use of electricity as follows:
    - (a) All previous measures shall be continued except as amended below;

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# II. LONG-TERM FUEL SHORTAGE (Contd.)

- (b) All consumers shall discontinue non-priority use of electricity on two days of each week. Consumers may, in the alternative, elect to reduce total electricity consumption by 25% below normal usage. Consumers choosing the second option must keep records sufficient to document the reduction. The Company shall inform consumers of the days that non-priority use shall be discontinued. Consumers shall not increase non-priority uses above mandatory stage one levels during other days of the week.
- E. Mandatory Curtailment Stage Three:
  - 1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to twenty (20) days, consumers shall curtail the use of electricity as follows:
    - (a) All previous measures shall be continued except as amended below;
    - (b) All consumers shall discontinue non-priority use of electricity on three days of each week. Consumers may, in the alternative, elect to reduce total electricity consumption by 50% below normal usage. Consumers choosing the second option must keep records sufficient to document the reduction. The Company shall inform consumers of the days that non-priority use shall be discontinued. Consumers shall not increase non-priority uses above mandatory stage two levels during other days of the week.
- F. Mandatory Curtailment Stage Four:
  - 1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to fifteen (15) days, all consumers shall discontinue all non-priority use of electricity on all days of each week.
- **III.** The Company shall take such measures in connection with its facilities as are necessary and reasonable for the implementation of these procedures.

Where the integrity of the Company's electric system is in jeopardy, the Company may take additional measures it deems appropriate, such as voltage reduction up to 5% and interruption of selected distribution circuits on a rational basis.

IV. PENALTIES

Failure of a consumer to comply with the Company's mandatory curtailment stages may subject that consumer's electric service to disconnection by the Company. Where the Company discovers that a consumer has exceeded its directed usage limitation by more than 15% in a thirty (30) day period, the Company shall notify the Commission that, on the third working day after said discovery, it shall disconnect electric service to such consumer until the fuel supply emergency is relieved.

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## RATE RTP REAL TIME PRICING PROGRAM

# APPLICABILITY

1

Applicable to Customers served under Rate DS, Rate DT, Rate DP or Rate TT. Service under the RTP Program will be offered on an experimental basis. The incremental cost of any special metering required for service under this Program beyond that normally provided under the applicable Standard Tariff shall be borne by the Customer. Customers must enter into a written service agreement with a minimum term of one year.

#### PROGRAM DESCRIPTION

The RTP Program is voluntary and offers Customers the opportunity to manage their electric costs by either shifting load from higher cost to lower cost pricing periods and adding new load during lower cost pricing periods or to learn about market pricing. Binding Price Quotes will be sent to each Customer on a day-ahead basis. The program is intended to be bill neutral to each Customer with respect to their historical usage through the use of a Customer Baseline Load (CBL) and the Company's Standard Offer Rates.

# CUSTOMER BASELINE LOAD

The CBL is one complete year of Customer hourly load data that represents the electricity consumption pattern and level of the Customer's operation under the Standard Rate Schedule. The CBL is the basis for achieving bill neutrality for Customers billed under this Rate RTP, and must be mutually agreeable to both the Customer and the Company as representing the Customer's usage pattern under the Standard Rate Schedule (non-RTP). In the event that the Customer's electricity consumption pattern differs significantly from the established CBL, the Company may renegotiate the CBL with the Customer. Agreement on the CBL is a requirement for participation in the RTP Program.

## RTP BILLING

Customers participating in the RTP Program will be billed monthly based on the following calculation:

$$RTP BIII = BC + PC + \sum \left\{ \left( CC_t + ED_t + ASC_t \right) \times \left( AL_t - CBL_t \right) \right\}$$

$$\underbrace{t=1}{} (D)$$

Where:

BC	= Baseline Charge
PC	= Program Charge

C = Program Charge
--------------------

CCt	= Commodity	Charge for hour t
-----	-------------	-------------------

EDt	= Energy Delivery Charge for hour t
ASCt	= Ancillary Services Charge for hour t
AL <sub>t</sub>	= Customer Actual Load for hour t

- CBL = Customer Baseline Load in hour t
- = total number of hours in the billing period n

t = an hour in the billing period

### **BASELINE CHARGE**

The Baseline Charge is independent of Customer's currently monthly usage, and is designed to achieve bill neutrality with the Customer's standard offer tariff if no change in electricity usage pattern occurs (less applicable program charges). The Baseline Charge is calculated at the end of the billing period and changes each billing period to maintain bill neutrality for a Customer's CBL.

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BASELINE CHARGE (Contd.)

The Baseline Charge will be calculated as follows:

=

BC = (Standard Bill @ CBL)

Where: BC

Baseline Charge

Standard Bill @ CBL =

Customer's bill for a specific month on the applicable Rate Schedule including applicable Standard Contract Riders using the CBL to establish the applicable billing determinants.

The CBL shall be adjusted to reflect applicable metering adjustments under the Rate Schedule. All applicable riders shall be excluded from the calculation of the Baseline Charge.

### PRICE QUOTES

The Company will send to Customer, within two hours after the wholesale prices are published by PJM each day, Price Quotes to be charged the next day. Such Price Quotes shall include the applicable Commodity Charge, the Energy Delivery Charge and the Ancillary Services Charge.

The Company may send more than one-day-ahead Price Quotes for weekends and holidays identified in Company's tariffs. The Company may revise these prices the day before they become effective.

The Company is not responsible for failure of Customer to receive and act upon the Price Quotes. It is Customer's responsibility to inform Company of any failure to receive the Price Quotes the day before they become effective.

# COMMODITY CHARGE

The Commodity Charge is a charge for generation. The applicable hourly Commodity Charge (Credit) shall be applied on an hour by hour basis to Customer's incremental (decremental) usage from the CBL.

Charge (Credit) For Each kW Per Hour From The CBL:

For kWh<sub>t</sub> above the CBL<sub>t</sub>, CC<sub>t</sub> = MVG<sub>t</sub> x LAF For kWh<sub>t</sub> below the CBL<sub>t</sub>, CC<sub>t</sub> = MVG<sub>t</sub> x 80% x LAF

Where:

LAF

= loss adjustment factor

- = 1.0530 for <u>Rate TS</u>
- = 1.0800 for <u>Rate DP</u>
- = 1.1100 for Rate DS

MVGt = Market Value Of Generation As Determined By Company for hour t

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# COMMODITY CHARGE (Contd.)

The MVG<sub>t</sub> will be based on the expected market price of capacity and energy for the next day. The expected market price shall be the PJM Real-Time Total Locational Marginal Price for power at the DEK Aggregate price node, inclusive of the energy, congestion and losses charges, for each hour.

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	. <u>\$0.006053</u> per kW Per Hour	(
Primary Service	\$0.005540 per kW Per Hour	(
Transmission Service		(

The kW per hour incremental or decremental usage from the CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

ANCILLARY SERVICES CHARGE The hourly Ancillary Services Charge is a charge for: Scheduling, System Control & Dispatch Reactive and Voltage Control Regulation and Frequency Response Spinning Reserve Supplemental Reserve The applicable bourly Appillary Services Charge (Credit) shall be applied on an hour by b	(D) (D) (D) (D) (D) (D) (D) (D) (D)
Supplemental Reserve	· · ·
The applicable hourly Ancillary Services Charge (Credit) shall be applied on an hour by h Customer's incremental (decremental) usage from the CBL	
Charge (Credit) For Each kW Per Hour From The CBL	(D) (D)
Secondary Delivery\$0.000760 per kW Per Ho	our (D)
Primary Delivery \$0.000740 per kW Per Ho	our (D)
Transmission Delivery	our (D)

The kW per hour incremental or decremental usage from the CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

APPLICABLE RIDERS

The following riders are applicable pursuant to the specific terms contained within each rider:

Sheet No. 78, Rider DSMR, Demand Side Management Rider Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider - Electric

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

Issued by authority of an Order of the Kentucky Public Service Commission dated June 1, 2012 in Case (T) No.2012-00276. (T) (T) Issued: April 23, 2012 Effective: June 1, 2012

Issued by Julie Janson, President

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#### PROGRAM CHARGE

Company will be provide Internet based communication software to be used to provide Customer with the Price Quotes. Customer will be responsible for providing its own Internet access. A charge of \$183.00 per billing period per site shall be added to Customer's bill to cover the additional billing, administrative, and cost of communicating the hourly Price Quotes associated with the RTP Program.

Customer may purchase from either Company or any other third-party suppliers any other necessary equipment or software packages to facilitate participation in this program. While Customers are encouraged to use such equipment or software packages to maximize benefits under t his Program, it is not a requirement for program participation. It is Customer's responsibility to ensure the compatibility of third-party equipment or software packages with any Company owned equipment or software packages.

#### SPECIAL TERM AND CONDITIONS

Except as provided in this Rate RTP, all terms, conditions, rates, and charges outlined in the Standard Rate Schedule will apply. Participation in the RTP Program will not affect Customer's obligations for electric service under the Standard Rate Schedule.

Customers who terminate their service agreement under this Rider RTP after the initial one (1) year term shall be ineligible to return to the program for twelve (12) months from the termination date.

The primary term of service is one (1) year consisting of a consecutive twelve month period.

Customers returning to the standard tariff shall have any historical demands in excess of the CBL, waived for purposes of calculating applicable billing demands.

The supplying and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission.

Issued by authority of an Order of the Kentucky Public Service Commission dated June 1, 2012 in Case (T) No.2012-00276 (T) (T)

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Schedule L-2.1

# 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 <u>East Central Area Reliability Council (ECAR)</u>, National Electric Reliability Council (NERC), the <u>Midwest Independent Transmission System Operator</u>, Inc. (Midwest ISO), 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 <u>ECAR</u> (including the then current revision of ECAR Document No. 3, Emergency Operations), NERC, the <u>Midwest ISO</u>, 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;
- (F) water pumping plants essential to the supply of potable water to a community;
- (G) sewage plants essential to the collection, treatment or disposal of a community's sewage;

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# II. Essential Customers (Contd.)

- (H) emergency management and response facilities and the county-wide "911" system;
- (I) nursing homes;
- (J) central office telephone switching stations; and
- (K) blood banks.

Duke Energy Kentucky, Inc. does not guarantee a continuous and uninterrupted flow of power to any customer. Power interruptions may occur due to many causes other than the emergency procedures set forth herein. Further, essential customers should expect that their power may be interrupted in the event of an emergency due to the nature of the emergency and the normal configuration of electric supply systems.

Essential customers are responsible for anticipating the possibility that power may be interrupted and for developing contingency plans if continuity of service is essential. Such contingency plans may include installing on-site backup generation, uninterruptible power supplies, other alternative power sources or evacuation to another location.

Duke Energy Kentucky, Inc. will make reasonable efforts to maintain service to essential customers during an emergency and will attempt to minimize the time period of any interruption, when practical. Duke Energy Kentucky, Inc. may, however, curtail power to essential customers during an emergency. Duke Energy Kentucky, Inc. will attempt to identify essential customers and maintain a list of these customers for its load curtailment plans. Duke Energy Kentucky, Inc. will verify and update this list annually and review its curtailment rotation schedules in an attempt to minimize the number of essential customers affected by curtailment.

Residential customers may request to participate in Duke Energy Kentucky, Inc's program for critical customers. Residential customers requesting to participate in this program must initially obtain a Medical Certificate from a licensed physician as to the need for and use of life support equipment in their household and must submit the certificate to Duke Energy Kentucky, Inc. along with their request to enroll in the program.

Upon enrollment in the program, Duke Energy Kentucky, Inc. will notify the customer in writing of the customer's options and responsibilities during an interruption, such as the need for backup generation, uninterruptible power supplies, other alternative power sources or evacuation to another location. Duke Energy Kentucky, Inc. will also notify these customers that it cannot guarantee a continuous and uninterrupted flow of power. Duke Energy Kentucky, Inc. will annually verify the customers' eligibility to continue to participate in the program.

Any non-residential customer may apply to be considered an essential customer, provided they must notify Duke Energy Kentucky, Inc. in writing of this request and provide the specific reasons why they should be considered an essential customer. Duke Energy Kentucky, Inc. will respond in writing within ten days of receipt of the request informing the customer whether, in Duke Energy Kentucky, Inc.'s sole discretion, they will be classified as a non-residential essential customer. Non-residential essential customers are also encouraged to develop contingency plans for use during an emergency, such as the need for backup generation, uninterruptible power supplies, other alternative power sources or evacuation to another location.

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# II. Essential Customers (Contd.)

Essential customers should prepare to implement their contingency plans any time that Duke Energy Kentucky makes a public appeal for voluntary conservation, due to the possibility that Duke Energy Kentucky, Inc. may experience an emergency during such time that Duke Energy Kentucky, Inc. makes public appeals for voluntary conservation.

If Duke Energy Kentucky, Inc. has adequate advance notice that an emergency may occur, then Duke Energy Kentucky, Inc. will attempt to call critical customers to alert them of the possibility of a power interruption. Due to the frequently sudden onset of an emergency and the time necessary to contact all critical customers, Duke Energy Kentucky, Inc. may not be able to contact critical customers in advance of an emergency.

# III. Remedial Measures in the Event of Emergency

In case of an emergency, Duke Energy Kentucky, Inc. will exercise the following series of load reduction measures to match the load with available generation. These measures are arranged in order of severity of the measures necessary to alleviate the emergency conditions presented. In the case of a sudden or unanticipated emergency, the urgency of the situation may require Duke Energy Kentucky, Inc. to immediately implement the more severe measures.

### **Pricing Signals and Special Contracts**

Duke Energy Kentucky, Inc. offers a variety of pricing signals using approved tariffs and special contracts to encourage customers to reduce their load when generation is in short supply. Participating customers may elect to voluntarily reduce their demand based on the terms of these tariffs and contracts.

### Internal Conservation

Duke Energy Kentucky, Inc. will reduce its own energy consumption by instructing its employees to adjust thermostats, turn off lights and reduce other non-essential loads at Duke Energy Kentucky, Inc.'s facilities.

# Voltage Reduction

Duke Energy Kentucky, Inc. may reduce voltages. However, Duke Energy Kentucky, Inc. will not reduce voltage more than 5% below normal allowable ranges.

# Public and Targeted Appeals for Voluntary Conservation

Duke Energy Kentucky, Inc. will issue news releases to request customers to voluntarily conserve electricity, with suggestions on how to conserve. Duke Energy Kentucky, Inc. will also contact large commercial and industrial customers (1000 kW or more) requesting them to conserve energy.

Depending on the nature of the emergency, Duke Energy Kentucky, Inc. will issue additional news releases advising customers of a more critical need for voluntary conservation and also notifying customers that Duke Energy Kentucky, Inc. may implement rotating blackouts if the emergency conditions are not alleviated. Duke Energy Kentucky, Inc. will contact large commercial and industrial customers (1000 kW or more) requesting them to curtail all non-essential load.

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# Automatic Reserve Sharing

Automatic Reserve Sharing is a standard method for utilities to aid an adjoining, interconnected utility whose power reserves are low by transmitting power through the interconnection points to raise the reserves of the affected utility. In time of emergency, Duke Energy Kentucky, Inc. may utilize Automatic Reserve Sharing.

# III. Remedial Measures in the Event of Emergency (Contd.)

# Manual, Involuntary Load Curtailment

Duke Energy Kentucky, Inc. may implement manual load curtailment, which is a controlled process of rotating customer outages during extreme emergencies. NERC policies may require manual curtailment when Duke Energy Kentucky, Inc. experiences an emergency. NERC policies may also require manual curtailment when the reliability of the Eastern Interconnect is threatened by supply or transmission problems unrelated to conditions within Duke Energy Kentucky, Inc.'s transmission system.

# Automatic Load Curtailment

Duke Energy Kentucky, Inc. may implement automatic load curtailment, which is a process where under-frequency relays are used to shed load as soon as the relays detect problems based upon the system frequency. NERC policies may require automatic curtailment when Duke Energy Kentucky, Inc. experiences an emergency or when the Eastern Interconnect is threatened by transmission system reliability problems unrelated to conditions affecting Duke Energy Kentucky's transmission system.

# IV. Curtailment Procedures

Involuntary load curtailment is generally accomplished via remote control of circuits that feed large individual customers and/or general distribution loads. Most general distribution circuits supply many customers including one or more essential customers. Duke Energy Kentucky, Inc. will analyze circuits for curtailment eligibility based upon the ability to perform curtailment via remote control and upon the type of load the circuits serve. Duke Energy Kentucky, Inc. will attempt to limit the number of essential customers affected by involuntary load curtailments; however, given the number of circuits within Duke Energy Kentucky, Inc.'s system and the number of customers served by Duke Energy Kentucky, Inc., it is likely that Duke Energy Kentucky, Inc. will interrupt power to some essential customers if involuntary load curtailment procedures become necessary to alleviate emergency conditions. Duke Energy Kentucky, Inc. will adjust manual involuntary load curtailment schedules and attempt to provide advance notification to essential customers if involuntary load curtailment of customers if involuntary load advance notification to essential customers if involuntary load curtailment becomes and attempt to provide advance notification to essential customers if involuntary load curtailment procedures becomes if involuntary load curtailment becomes and attempt to provide advance notification to essential customers if involuntary load curtailment becomes 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/<u>ECAR</u> 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.

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Issued by Julie Janson, President

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- (C) Duke Energy Kentucky, Inc. may use any or all of the remedial measures in section III, above.
- (D) If the transmission system frequency is above 59.8 Hz and Duke Energy Kentucky, Inc. cannot reasonably balance resources to load, then Duke Energy Kentucky, Inc. may curtail firm load to balance resources to load.
- (E) If the transmission system frequency is at or below 59.8 Hz, then Duke Energy Kentucky, Inc. may curtail firm load to balance resources to load.
- (F) If the transmission system frequency is at or below 59.7 Hz, then Duke Energy Kentucky, Inc. may curtail firm load to assist in maintaining regional system integrity.

Automatic under-frequency load shedding may occur in the event of a sudden decline of the frequency on the <u>ECAR</u> 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>	Approximate % Load Shed
1	59.5	5.0
2	59.3	5.0
3	59.1	5.0
4	58.9	5.0
5	58.7	5.0

Under these circumstances, Duke Energy Kentucky, Inc. will interrupt power of selected distribution circuits and lines serving customers throughout its assigned service area at Duke Energy Kentucky, Inc.'s sole discretion.

If automatic load shedding has occurred and frequency is still declining, Duke Energy Kentucky, Inc. may take any additional actions that it deems reasonably necessary to arrest the decline. This may include additional load shedding and coordinated network separations.

If necessary to resynchronize the isolated area or to curtail the decline in frequency, Duke Energy Kentucky, Inc. may take the following steps in the sequence set forth below:

- (A) Duke Energy Kentucky, Inc. may, at its discretion, interrupt power to controlled service loads and to loads rendered service under interruptible tariffs.
- (B) Duke Energy Kentucky, Inc. may reduce voltage up to five percent when deemed appropriate.
- (C) Duke Energy Kentucky, Inc. may manually shed load.

Duke Energy Kentucky, Inc. shall not be liable for power interruptions attributable to:

(A) the availability of or malfunctions in generation or transmission facilities;

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- (B) malfunctions in the local distribution system due to conditions beyond Duke Energy Kentucky, Inc.'s control, such as storms, floods, vandalism, strikes, fires, or accidents caused by third parties;
- (C) Duke Energy Kentucky, Inc. following any applicable orders, policies, guidelines, directives or procedures issued by the Commission, governmental authorities, <u>East Central Area</u> <u>Reliability Council (ECAR)</u>, National Electric Reliability Council (NERC), the <u>Midwest ISO</u>, 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.

The provisions of these Emergency Electrical Procedures are subject to the provisions of Duke Energy Kentucky, Inc.'s Retail Electric Tariff, as then in effect and approved by the Commission, including but not limited to the provisions of Duke Energy Kentucky, Inc.'s General Terms And Conditions For Electric Service.

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# RATE MDC

# **METER DATA CHARGES**

# APPLICABILITY

Duke Energy Kentucky, Inc.

Erlanger, Kentucky 41018

4580 Olympic Blvd.

This optional program applies <u>to customers</u> located in the Company's service territory that hav meter pulse equipment and/or interval metering equipment and who elect to enroll in <u>the En-Focu</u> program.	
EN-FOCUS <sup>™</sup> Customers electing the <u>En-Focus</u> option will be required to enroll online, and will be required to accept the Terms and Conditions of the <u>En-Focus</u> program, presented to the customer at the time of <u>enrollment</u> .	ot (T) (T) (T)
Electronic monthly interval data with graphical capability accessed via the Internet ( <u>En-Focus<sup>TM</sup></u> ) \$20.00 per month	(T)

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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Account Number 1212-1212-12-4	80	21	Due Date     Amount Due       mmm dd, yyyy     \$ 78.79
			SS WinterCare Contribution Amount Enclosed (for Customer Assistance)
Current Customer 12345 Your Street Your City ST 12345-1234			PO Box 9001076 Louisville KY 40 <b>2</b> 90-1076

# 200 0000078794 12121212124 mmmddyyyy2 0000080867

				Page 1 of 2
Name/Service Address		For Inquiries Call		Account Number
Current Customer 12345 Your Street Your City ST 12345-1234	Duke Energy		1-800-123-4567	1212-1212-12-4
Mail Payments To		Account Info	mation	
PO Box 9001076 Louisville KY 40290-1076	Payments after m Last payment rec	mm dd not included eived mmm dd		on mmm dd, yyyy ading mmm dd, yyyy

Urgent Messages are printed in this section of the bill with a box around the message text.

		Readin	g Date		Meter R	leading	1
Meter	Number	From	To	Days	Previous	Present	Usage
Gas	11111111	mmm dd	mmm dd	30	1975	1993	18
Elec	2222222222	mmm dd	mmm dd	<b>3</b> 0	21202	21789	587

Gas – Residential	
Usage - 18 CCF Duke Energy - Rate RS Current Gas Charges	<u>\$ 33.20</u> <b>\$ 33.2</b> 0
Gas Cost Recovery Chrg:	x xxxxxxxx/CCF
Electric – Residential	

Current Billing	
Amt Due - Previous Bill	\$ 100.87
Payment(s) Received	100.87 cr
Balance Forward	0.00
Current Gas Charges	\$ 33.20
Current Electric Charges	41.34
Taxes	4.25
Current Amount Due	\$ 78.79

Printed on resysted paper and is recyclable.

Taxes

Non-Urgent Bill Messages appear in this section of the bill

S 4.25

Due Date -	 Amount Due	After mmm dd, yyyy	
mmm dd, yyyy	\$ 78.79	\$ 80.86	



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Name	Service Address		ount Numbe	
Current Customer	12345 Your St Your City ST 12345-1234		1212-1212-12-4	
	Explanation of Current Charges			
Gas	Duke Energy			
Meter # 111111111 CCF Usage - 18	Rate RS – Residential Service			
	Customer Charge	\$ xx.xx		
	Gas Delivery Charge			
mmm dd - mmm dd	18 CCF @ \$ x.xxxxxx	xx.xx		
30 Days	Gas DSM Rider			
	18 CCF @ \$ x.xxxxxxx	x.xx		
	Rider MSR-G			
	18 CCF @ \$x.xxxxxx cr	x.xx		
	Gas Cost Recovery		S xx.xx	
	18 CCF @ Sx.xxxxxx	xx.xx		
·	Total Currer	nt Gas Charges	\$ xx.xx	
Electric	Duke Energy			
Meter # 222222222 kWh Usage 587	Rate RS – Residential Srvs-xxxxxx			
	Customer Charge	\$ x.xx		
mmm dd - mmm dd	Energy Charge			
30 Days	587 kWh @ \$x.xxxxxx	x.xx		
	Elec DSM Rider			
	587 kWh @ \$ x.xxxxxxx	x.xx		
	Rider PSM			
	587 kWh @ S x.xxxxxxcr	x.xxcr		
	Elec Fuel Adjustment			
	587 kWh @ S x.xxxxxxcr	x.xxer		
			\$ xx.xx	
	Total Current E	lectric Charges	S xx.xx	

Explanation of Taxes							
Taxes			<del>-</del>				
	Rate Incr for School Tax	\$ x.xx					
	Kentucky State Tax	XX.XX	S x x.xx				
		Total Taxes	\$ xx.xx				

# Charts and Graphs inserted here

	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB
Gas	143	87	58	24	38	7	27	17	29	142	238	191	18
Electric	1025	1209	1211	1478	1855	1689	1698	1528	1035	1376	1575	1352	587

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Appendix A

### **Bill Payment Made Easy**

Paperless Billing - View and pay your bill for free by registering at www.duke-energy.com Payment Advantage - Free Service, payment automatically drafts from your bank account. Enroli at www.duke-energy.com/paymybili or call 1-800-544-6900.

Speedpay\*- Pay by phone 1-800-544-6900 with credit card or check. A convenience fee will be charged.

#### EXPLANATION OF ESTIMATED CHARGES

Meters are scheduled to be read monthly. Regular meter readings are essential for accurate billing. When we are unable to read a meter, the usage is estimated based on previous bills. An estimated read will be considered the same as an actual read.

#### PAYMENT OF BILLS

In order to avoid paying a late charge, please mail your payment to Duke Energy several days before the due date. Or, if you prefer, you may pay by phone through Speedpay, pay online with Paperless-Billing, or pay automatically through Payment Advantage, Payments can also be made at a Pay Agent location. For more information about our bill payment options, please visit us at www.duke-energy.com or call 1-800-544-6900. When you pay by check, you authorize us to convert your check into a one-time electronic check payment or to process the payment as a regular check transaction.

Disconnection of your utility service(s) will not result from failure to pay any non-tariffed or non-regulated products or services.

#### LATE PAYMENT CHARGE INFORMATION

A penalty may be assessed if a customer fails to pay a bill for services by the due date shown on the customer's bill. The penalty may be assessed only once on any bill for rendered services.

# EXPLANATION OF BILL LANGUAGE

(The following terms will not appear on every bill)

BBP Cycle	Period of time used to calculate the current Budget Billing monthly installment amount.	Elec. Rate	Code that identifies the rate used to determine the Electric Usage Charge.		
CCF	Gas usage, measured in hundreds of cubic feet.	EST or E	Estimated Meter Read.		
CR	Credited amount.	Gas Rate	Code that identifies the rate used to determine the Gas Usage Charge.		
Current Gas Charges	Total of all charges based on gas usage during the current billing period.	kWh	Electric usage measured in kilowatt-hours.		
Customer Charge	Charge for administrative costs, including meter reading, billing, and collecting. The Customer	Late Payment	Additional charge added to the bill if the Amount To Pay is not received in full by the due date.		
	Charge for each service includes 10 cents for an energy assistance program approved by the Public Service Commission.	Meter Multiplier	Constant number that the meter reading usage is multiplied by to obtain the energy usage.		
		Usage	Amount of energy used during the billing period.		

#### GAS COST INFORMATION

The GAS COST ADJUSTMENT (GCA) rate is the cost (per 100 cubic feet) of gas we purchase from our suppliars. This rate varies periodically as gas prices to us increase or decrease, Duke Energy makes no profit on this charge since it is based on the actual cost we pay our suppliers for the gas we purchase and resell. The GCA amount is included in your total bill as an addition to the Gas Usage Charge, which covers our normal operating expenses for delivering gas to you.

#### ELECTRIC COST INFORMATION

The ELECTRIC FUEL ADJUSTMENT (EFA) rate is the increase or decrease (since determination of the Base Period Fuel Cost) in the cost of fuel purchased from our supplier and used to generate electricity. The EFA rate is computed monthly eccording to a formula established by the Kentucky Public Service Commission. Duke Energy makes no profit on the EFA since it is based on the actual cost of fuel used to generate electricity. The amount of the EFA is included in your total bill.

#### BILLING OR SERVICE INQUIRIES

If you have a question about your bill or service, call us at 1-800-544-6900. You may also write to our Customer Services Depertment at P.O. 80x 960, Mail Drop 309C, Cincinnati, OH 45201, contact us by fax at 1-800-366-4704, or e-mail us at www.duke-energy.com. Rate schedules and service regulations are available upon request.

#### SECURITY DEPOSIT INFORMATION

If the utility will or may retain either an equal or calculated deposit for more than eighteen (18) months, at the customer's request, the deposit wi calculated every eighteen (18) months based on actual usage of the customer. If the deposit on account differs by more than ten (10) dollars for residential customers, or by more than ten (10) percent for nonresidential customers, from the deposit calculated on actual usage, then the utility shall refund any over-collection and may collect any overpayment.

#### BUSINESS HOURS

OFFICE HOURS: Cincinnati - 8:00 a.m. - 5:00p.m. Monday - Friday Erlangar- 8:00 a.m. - 5:00 p.m. Monday - Friday

Payments and Customer Service are not offered at either location

For Correspondence; PO Box 1326 Cheriotte, NC 28201

#### SERVICE EMERGENCY NUMBERS

Gas Trouble - 1-800-634-4300 Electric Trouble - 1-800-543-5599

# Schedule L-2.2 Page 1 of 152 Responsible Witness: Bruce Sailers

	KY. P.S.C. Electric No. 2		Deleted: Duke Energy Kentucky, inc.
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4580 Olympic Blvd.	Original Sheet No. 01	<u>.</u> 4	
Erlanger, Kentucky 41018	Page 1 of 1		

# TABLE OF CONTENTS

Tariff Sheet <u>No. Series</u> , - 01	<u>Description</u> Title Page Table of Contents	Summary of Applicability*	Deleted: ¶
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 34,600 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.	Deleted: December 21
80	Fuel Riders	Riders necessary to determine total amount of monthly bill to all customers receiving electric service.	Deleted: 00 Deleted: 06 Deleted: 172
90	Miscellaneous	Miscellaneous periodic charges not reflected in standard service tariffs.	Formatted: Font: Times New Roman, 10 pt Deleted:
	ine applicability, available tariff and Company's Se tions should be reviewed and discussed with the C		Deleted: 29 Deleted: 0
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# Schedule L-2.2 Page 2 of 152 Responsible Witness: Bruce Sailers

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Duke Energy Kentucky, Inc.	Cancels and Supersedes		
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Erlanger, Kentucky 41018	Page 1 of 4		,

#### INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED

	<u>Sheet No.</u>	Effective Date		
SERVICE REGULATIONS Service Agreements	20	01/02/07		Deleted: 01/02/07
Service Agreements	20	01/02/07	2	Deleted: 01/02/07
Customer's Installations.	22	01/02/07	<i>.</i>	Deleted: 08/30
Company's Installation	23	01/02/07		terester in the second construction of the second second second second second second second second second second
Metering	24	10/01/17,	(T)	
Billing and Payment	25	10/01/17,	(T)	( Deleted: 08/30
Deposits	26 27	01/02/07 01/02/07		Deleted: 08/30
Reserved for Future Use	28-29	01/02/07	۰.	Deleted: 08/30
RESIDENTIAL SERVICE				Deleted: 08/30
Rate RS, Residential Service	30	10/01/17	(T)	Deleted: 08/30
Reserved for Future Use	31-39		· ·	Deleted: 08/30
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DISTRIBUTION VOLTAGE SERVICE			(T)	Deleted: 01/02
Rate DS, Service at Secondary Distribution Voltage	40	<u>10/01/</u> 17	(T)	Deleted: 0
Rate DT, Time-of-Day Rate For Service at Distribution Voltage	41 42	10/01/17	(T)	Deleted: 01/02
Rate EH, Optional Rate for Electric Space Heating	42 43	<u>10/01/17</u> 10/01/17	(T)	Deleted: 0
Rate GS-FL, General Service Rate for Small Fixed Loads	43	10/01/17	(T)	Deleted: 08/30
Rate DP, Service at Primary Distribution Voltage	44	10/01/17	(T)	Service and an and a service and a service of the s
Reserved for Future Use	46-49		· •:	Deleted: 08/30
RANSMISSION VOLTAGE SERVICE	50			Deleted: 08/30 Deleted: Reserved for Future Use
Rate TT, Time-of-Day Rate for Service at Transmission Voltage	51	10/01/17	(Ť)	Deleted: 64
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lider GSS, Generation Support Service	58	10/01/17	(T) .	Deleted: Rate OL, Outdoor Lighting Service
ate RTP-M, Real Time Pricing – Market Based Pricing	59	10/01/17	(T)	Deleted: 65
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IGHTING SERVICE				Deleted: 08/30/17
ate SL, Street Lighting Service	60	10/01/17	(T)	Deleted: 08/30
ate TL, Traffic Lighting Service	61	10/01/17	(T)	Deleted: Rate NSP, Private Outdoor Lighti
ate UOLS, Unmetered Outdoor Lighting	62	10/01/17	(T)	for Non-Standard Units
ate OL-E, Outdoor Lighting Equipment Installation	63	01/02/07	217	Deleted: 67
ata LED. Outdoor LED Lighting Service	64	10/01/17	(N)	Deleted: 08/30/17
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ate NSU, Street Lighting Service for Non-Standard Units	66	<u>10/01/17</u>	(T) .	Deleted: <object></object>
eserved for Future Use	*		(D) (	Deleted:
ate SC, Streat Lighting Service – Customer Owned	<u>67</u> 68	ji0/01 <b>/</b> 17	(T) (T)	Deleted: July 31
ate SE, Street Lighting Service – Overhead Equivalent	69	10/01/17	(T)	Deleted: 00005
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# Schedule L-2.2 Page 3 of 152 Responsible Witness: Bruce Sailers

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Erlanger, Kentucky 41018	Page 2 of 4		

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# INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED (Contd.)

ARIFF RIDERS	Sheet No.	Effective Date		
	70	~~~~~		
Rider PPS, Premier Power Service	70 71	<u>03/07/16</u> 01/02/07	(T)	
Rider X, Line Extension	71	01/02/07		
Rider LM, Load Management Rider	73	10/01/17	(T)	Deleted: 01/02/07
Rider AMO, Advanced Meter Opt-out - Residential	74	08/01/17	(1)	
Rider DSM, Demand Side Management Cost Recovery Program	75	01/02/07		Deleted: .
Rider ESM, Environmental Surcharge Mechanism	76	10/01/17	(N) (D)	
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Rider PLM, Peak Load Management Program	77	01/02/07		Use
Rider DSMR. Demand Side Management Rate	78	06/26/17		Deleted: 76
Rider BDP, Backup Delivery Point Capacity Rider	79	01/02/07		( <u></u>
UEL RIDERS				
Rider FAC, Fuel Adjustment Clause	80	10/01/17	(T)	Deleted: 08/30
Reserved for Future Use	81		·····	
Rider PSM, Off-System Seles Profit Sharing Mechanism	82	<u>10/0'</u> 417	(T)	Formatted: Font: (Defauit) Arial, 9 pt
Reserved for Future Use	83			Deleted: 06/01
Reserved for Future Use	84			······
tider BR, Brownfield Redevelopment Rider	85	01/02/07		
Rider DIR, Development Incentive Rider	8 <del>6</del> 87	01/02/07		
Rider GP. Green Power Rider	88	03/03/10		
Rider NM, Net Metering Rider	89	05/03/09		Deleted: 01/02/07
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lad Check Charge Charge for Reconnection of Service	90 91	01/02/07	(T)	Television ¶
Rate DPA, Distribution Pole Attachments,	92	<u>10/01/17,</u> 10/01/17,	(T)	
ogeneration and Small Power Production Sale and	<u>52</u>	10/01/17/2	(Ť)	
Purchase – 100 kW or Less	93	<u>10/01/17</u>	(Ť)	· Delenen: U4/1//12
ogeneration And Small Power Production Sale and			(T) (T)	
Purchase – Greater Than 100 kW	94	10/01/17.	Ű,	
ocal Franchise Fee tate UDP-R. Underground Residential Distribution Policy	95 96	01/02/07 10/01/17_	Ŭ,	
tate UDP-G, General Underground Distribution Policy	97	10/01/17		Deleted: 01/02/07
lectricity Emergency Procedures for Long Term Fuel	•••	<u> </u>	·········	
Shortages	98	10/01/17,		Deleted: 01/02/07
tate RTP, Real Time Pricing Program	99 100	<u>10/01/17,</u> 10/01/ <u>17,</u>	···· (т)	Deleted: 01/02/07
ate MDC, Meter Data Charges	101	10/01/17	ίŤ	Contraction of the second second second second second second second second second second second second second s
Residential Comprehensive Energy Education Program (NEED)	103	04/30/12	(T)	
Residential Smart Saver	104	04/30/12	(T)	Deleted:
tesidential Conservation and Energy Education tesidential Direct Load Control – Power Manager Program	106 108	04/30/12 04/30/12		Deleted: July 31
Residential Home Energy House Call	109	04/30/12		Deleted: 00005
nergy Star Products	110	04/30/12		Deleted: August 18
I High Efficiency Incentive	113	04/30/12		Deleted: August 30
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# Schedule L-2.2 Page 4 of 152 Responsible Witness: Bruce Sailers

Duke Energy Kentucky, Inc. 4590 Olympic Blvd.		KY.P.S.C. Electric No. 2 Sixty- <u>Sixth Revised Sheet No. 10</u> Cancels and Supersedes Sixty- <u>Fifth</u> Revised Sheet No. 10 Page 3 of 4	(T) (T)	Deleted: Fifth Deleted: Fourth
Personalized Energy Report Smart Saver Custom Program Payment Plus Rider DCI, Distribution Capital Investment Rider	114 115 116 117 125 126	04/30/12 04/30/12 04/30/12 04/30/12 <u>10/01/17</u> <u>10/01/17</u>	(N) (N)	

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# Schedule L-2.2 Page 5 of 152 Responsible Witness: Bruce Sailers

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Erlanger, Kentucky 41018	Page 4 of 4		

# INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED

# COMMUNITIES SERVED:

Alexandria Bellevue Boone County Bromley

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Campbell County Cold Spring Covington

Crescent Park Crescent Springs Crestview Crestview Hills

Crittenden Dayton Dry Ridge Edgewood

Elsmere Erlanger Fairview Florence Fort Mitchell Fort Thomas Fort Wright Grant County Highland Heights Independence Kenton County Kenton Vale

Lakeside Park Latonia Lakes Ludlow

Melbourne Newport Park Hills Pendleton County

Ryland Heights Silver Grove Southgate Taylor Mill

Union Villa Hills Walton Wilder

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Issued: <u>September 1,</u> 2017 Effective: <u>October 1,</u> 2017 Issued by: James P. Henning, President (T) (T) (T)

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# Schedule L-2.2 Page 6 of 152 Responsible Witness: Bruce Sailers

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018 

 KY. P.S.C. Electric No. 2
 (T)

 Third, Revised Sheet No. 20
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 Cancels and Supersedes
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 Second Revised Sheet No. 20
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 Page 1 of 2
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SERVICE REGULATIONS

#### SECTION I - SERVICE AGREEMENTS

#### 1. Application for Service.

When a prospective customer desires electric service, an oral application may be accepted by the Company. However, a written application may be required in special circumstances (e.g., the necessity of using special apparatus in providing the requested service).

#### 2. Customer's Right to Cancel Service Agreement or to Suspend Service.

Except as otherwise provided in the Service Agreement, Rate Schedules or elsewhere in these Service Regulations, Customer may give Company ten days notice of desire to cancel the Service Agreement whenever he no longer requires any electric service for the purpose mentioned in said Agreement. Company will accept such notice as a cancellation of the Service Agreement upon being satisfied that Customer no longer requires any such service.

#### 3. Company's Right to Cancel Service Agreement or to Suspend Service.

Company, in addition to all other legal remedies, shall terminate the Service Agreement, refuse or discontinue service to an applicant or customer, after proper notice for any of the following reasons:

- (a) Default or breach of these Service Regulations, after having made a reasonable effort to obtain customer compliance.
- (b) Non-payment of bills when due.
- (c) Theft, fraudulent representation or concealment in relation to the use of electricity.
- (d) Use of electricity, by the customer, in a manner detrimental to the service rendered others.
- (e) Upon the basis of a lawful order of the Kentucky Public Service Commission, the State of Kentucky or any governmental subdivision thereof having jurisdiction over the premise.
- (f) When a customer or applicant refuses or neglects to provide reasonable access to the premise.

When a dangerous condition is found to exist on the customer's or applicant's premises, the electric service shall be disconnected without notice, or application for service refused. The Company shall notify the customer or applicant within twenty-four (24) hours of such action, in writing, of the reasons for the discontinuance or refusal of service and the corrective action to be taken by the applicant or customer before service can be restored.

If discontinuance is for non-payment of bills, the customer shall be given at least ten (10) days written notice, separate from the original bill, and cut-off shall be effected not less than twenty-seven (27) days after the mailing date of the original bill unless, prior to discontinuance, a residential customer presents to the utility a written certificate, signed by a physician, registered nurse, or public health officer, that such discontinuance will aggravate an existing illness or infirmity on the affected premises, in which case discontinuance may be effected not less than thirty (30) days from the termination date, in writing, of state and federal programs which may be available to aid in payment of bills and the office to contact for such possible assistance.

#### SECTION I - SERVICE AGREEMENTS (Contd.)

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### Schedule L-2.2 Page 7 of 152 **Responsible Witness: Bruce Sailers**

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Erlanger, KY 41018	Page 2 of 2	

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.

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Except as provided in SECTION 15 of the Kentucky Public Service Commission's regulations, the Company shall reconnect existing service within twenty-four (24) hours, and shall install and connect new service within seventy-two (72) hours, when the cause for discontinuance or refusal of service has been corrected and the Company's tariffed rules and the Commission's regulations have been met.

#### 5. Change of Address to Customer.

When Customer changes his address he should give notice thereof to Company prior to the date of change. Customer is responsible for all service supplied to the vacated premises until such notice has been received and Company has had a reasonable time, but not less than three days, to discontinue service.

If Customer moves to an address at which he requires electric service for any purposes specified in his Service Agreement, and at which address Company has such service available under the same Rate Schedule, the notice is considered as Customer's request that Company transfer such service to the new address, but if Company does not have such service available at the new address the old Service Agreement is considered cancelled. If Company does have service available at the new address to which a different Rate Schedule applies, a new Service Agreement including the applicable Rate Schedule is offered to Customer. Company makes transfer of service as promptly as reasonably possible after receipt of notice.

#### 6. Successors and Assigns.

The benefits and obligations of the Service Agreement shall inure to and be binding upon the successors and assigns, survivors and executors of administrators, as the case may be, of the original parties thereto, for the full term thereof; provided that no assignment hereof shall be made by Customer without first obtaining Company's written consent.

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Effective: October 1, 2017,

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### Schedule L-2.2 Page 8 of 152 **Responsible Witness: Bruce Sailers**

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#### SECTION II - SUPPLYING AND TAKING OF SERVICE

#### Supplying of Service. 1.

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 charactenstics (e.g., service supplying common use facilities of any apartment building) revenue classifications.

Not withstanding 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.

#### Information Relative to Service. 2.

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.

#### Continuity of Service. 3.

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, iitigation, or by any cause which the Company could not have reasonably foreseen and made provision against.

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### Schedule L-2.2 Page 9 of 152 Responsible Witness: Bruce Sailers

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#### SECTION II - SUPPLYING AND TAKING OF SERVICE (Contd.)

#### 4. Suspension of Service for Repairs and Changes.

When necessary to make repairs to or changes in Company's plant, generating equipment, transmission or distribution system, or other property, Company may without incurring any liability therefor, suspend service for such periods as may be reasonably necessary, and in such manner as not to inconvenience Customer unnecessarily.

#### 5. Use of Service.

Service is supplied directly to Customer through Company's own meter and is to be used by Customer only for the purposes specified in and in accordance with the provisions of the Service Agreement and applicable Rate Schedule. Service is for Customer's use only and under no circumstances may Customer or Customer's agent or any other individual, association or corporation install meters for the purpose of remetering or reselling or otherwise disposing of service supplied Customer except as follows:

- (a) If on November 10, 1953, Customer was engaged in resale under a rate which permitted resale, the Company will continue to furnish electricity for resale at the same premises under the applicable effective rate schedule only on the condition that any charge made by Customer for service resold shall not exceed the charge determined in accordance with Company's applicable rate, as in effect from time to time, for like service, until and unless otherwise ordered by the Kentucky Public Service Commission.
- (b) Customer operating an automobile trailer camp, with consent of Company may install meters and resell electricity to individual trailers only on the same condition in respect to charges as stated in paragraph (a), above.

Customer will not build lines across or under a street, alley, lane, court or avenue or other public or private space in order to obtain service for adjacent property through one meter even though such adjacent property be owned by Customer. Consent may be given when such adjacent properties are operated as one integral unit under the same name and for carrying on parts of the same business.

In case of unauthorized remetering, sale, extension or other disposition of service, Company may immediately discontinue the supplying of service to Customer until such unauthorized act is discontinued and full payment is made for all service supplied or used, billed on proper classification and Rate Schedule, and reimbursement in full made to Company for all extra expenses incurred, including expenses for clerical work, testing and inspections.

No other electric light or power service, shall, except under a contract for auxiliary or supplementary service, be used by Customer on the same installation in conjunction with Company's service, either by means of a "Throwover" switch or any other connection.

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### Schedule L-2.2 Page 10 of 152 Responsible Witness: Bruce Sailers

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### SECTION II - SUPPLYING AND TAKING OF SERVICE (Contd.)

#### 6. Customer's Responsibility.

Customer assumes all responsibility on Customer's side of the point of delivery (the end of the Company's service drop, or where Company's wires are joined to Customer's wires or apparatus) for the service supplied or taken, as well as for the electrical installation, appliances and apparatus used in connection therewith, and will save Company harmless from and against all claims for injury or damage to persons or property occasioned by or in any way resulting from such service or the use thereof on Customer's side of the point of delivery.

#### 7. Right-of-Way.

Customer Is responsible for all conveyances to Company for all right-of-way satisfactory to it across the property owned or controlled by Customer for Company's lines or extensions thereof necessary or incidental to the supplying of service to Customer, or customers beyond Customer's property when such rights are limited to installations along dedicated streets and roads.

### 8. Access to Premises.

The properly authorized agents of the Company shall at all reasonable hours have free access to the premises for the purpose of inspecting the Customer's installation and of examining, repaining or removing the Company's meters, or other property, reading of meters and all other purposes incident to the supplying of service, and for such purpose the Customer authorizes and requests his landlord, if any, to permit such access to the premises.

#### 9. Location of Customer's Service Terminals.

Customer's service terminals are to be located at a point readily accessible to Company's service mains, such point to be determined by Company.

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#### SECTION III - CUSTOMER'S INSTALLATIONS

#### 1. Nature and Use of Installation.

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All wiring and other electrical equipment in the premises or connecting the premises with Company's service, furnished by the Customer, shall be suitable for the purposes thereof, and shall be maintained by Customer at all times in conformity with the safety requirements of the accredited agency having jurisdiction and with the rules, regulations and requirements of Company in force from time to time.

#### 2. Low Power Factor Equipment Installation.

In the case of neon lamps, mercury vapor lamps, and other gaseous tube lamps or devices, motors and other equipment having low power factors, served under the Company's standard rate schedules, not having Power Factor Correction Provision, the Customer will be required to provide at his own expense power factor corrective equipment designed to increase the power factor of any such lamps or devices, motors and other equipment to not less than .85.

When the power factor of any such equipment on the Customer's premises is less than .85, the following provision will apply:

- (a) When the billing demand is determined by estimate based on the connected load of the Customer's installation, the wattage of such equipment will be taken as the volt ampere input or rating of such equipment.
- (b) When the billing demand is measured by demand instruments, to the demand so established will be added the difference between the rating in watts of such equipment, and the input or rating of such equipment in volt amperes.

### 3. Special Power Apparatus.

In the case of hoists, elevators, welding machines or other installations, where the use of electricity is intermittent or subject to violent fluctuations, Company reserves the right to use the input rating or the metered instantaneous demand of such equipment under maximum operating conditions, for billing purposes, or to require the Customer to provide at his own expense, suitable equipment to reasonably limit such intermittence or fluctuation.

#### 4. Changes in Installations.

As Company's service drops, transformers, meters, and other facilities used in supplying service to Customer have a limited capacity, Customer should give notice to Company, and obtain Company's consent, before making any material changes or increases in his installation. Company as promptly as possible after receipt of such notice will give its written approval to the proposed change or increase, or will advise Customer upon what conditions service can be supplied for such change or increase. Any change affecting an estimated billing demand shall be rerated by Company's inspector and shall become effective from the succeeding meter reading.

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_in Case No. 2017-00321.

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### SECTION IV - COMPANY'S INSTALLATION

### 1. Installation and Maintenance.

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Except as otherwise provided in these Service Regulations, in Service Agreements or Rate Schedules, Company will install and maintain its lines and equipment on its side of the point of delivery, but shall not be required to install or maintain any lines or equipment, except meters, or transformers, on Customer's side of the point of delivery without cost to Customer. Only Company's agents are authorized to connect Company's service drop to Customer's service terminals.

Company installs its overhead service drop, supplies one set of service drop attachment fittings and makes connection to Customer's service terminals.

The rates for each class of service provided for in the Rate Schedules contemplate the furnishing of service to one location or premise through one standard service connection. Where Customer is receiving service through more than one standard service connection, Company will calculate and render a separate bill for service furnished through each service connection.

Subject to the rules, conditions and riders covering the installation of service connections and extensions, Company will make one standard service connection to Customer's installation; if three phase service is required an additional connection is necessary, both will be considered as one standard service connection.

#### 2. Company's Property and Protection Thereof.

All meters, and equipment furnished by and at the expense of Company, which may at any time be in said premises, shall, unless otherwise provided herein, be and remain the property of Company, and Customer shall protect such property from loss or damage, and no one who is not an agent of Company shall be permitted to remove or handle same.

#### 3. Relocation of Facilities

When a customer or private party requests the Company to relocate the Company's facilities or a customer's service entrance wiring, such requesting party shall pay all expenses related to such relocation.

When the Company relocates its facilities or a customer's service entrance wiring at the request of a governmental entity (or Administrating Agency) and if the relocation was related to a project financed through transportation improvement district funding, joint economic development district funding, tax increment funding, or similar quasi-public funding, then the governmental entity (or Administrating Agency) shall pay for the cost of relocating Company's facilities in direct proportion to the contributions received from the other funding sources.

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# SECTION V - METERING

#### 1. Installation of Meters.

Electricity will be measured by a meter or meters to be installed by Company upon Customer's premises at a point most convenient for Company's service drop, and upon the registration of said meter or meters all bills will be calculated. Company will install upon customer's premises but one meter or one unified set of meters of each standard service connection.

#### 2. Meter Tests.

All meter tests shall be made in accordance with rules by the Kentucky Public Service Commission.

Upon written request by customer, the Company shall perform a meter test if the request is not made more frequently than once a year.

#### 3. Monitoring of Customer Usage.

Each month the Company will monitor the usage of each customer according to the following procedure:

- 1. The customer's monthly usage is monitored through a "hi-lo" review process that will incorporate customer past usage and other related information to provide an expected level of usage.
- 2. If there is a substantial difference between the actual and estimated usages, the account will be reviewed manually to determine the appropriate usage level.
  - 3. Where the difference is not otherwise explained, the Company may obtain a special meter read to verify the accuracy of the previous usage.
  - 4. Where the difference is still unexplainable after taking the special meter read, the Company may test the customer's meter to determine its accuracy.
- 5 The Company will notify the customer of the investigation, its findings, and any refund or back billing to be made, in accordance with 807 KAR 5:006, Section 10 (4) and (5).

In addition to the monthly monitoring, the Company will immediately investigate the usage deviations brought to its attention as a result of its on-going meter reading or billing processes or customer inquiry.

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#### SECTION VI - BILLING AND PAYMENT

#### 1. Billing Periods - Time and Place for Payment of Bills.

Bills ordinarily are rendered regularly at monthly intervals, but may be rendered more or less frequently at Company's option. Bills may be rendered by hand delivery, mail, electronically, or by any other reasonable means. If bills are rendered electronically then a charge not to exceed \$0.25 per usage may be assessed. Non-receipt of bills by customer does not release or diminish the obligation of Customer with respect to payment thereof.

The word "month" as it pertains to the supply of service shall mean the period of approximately thirty days between meter readings as fixed and made by Company. Meters are ordinarily read at monthly intervals but may be read more or less frequently at Company's option but no less than quarterly. Company shall have the right to establish billing districts for the purpose of reading meters and rendering bills to customers at various dates. A change or revision of any Rate Schedule shall be applicable to all bills on which the initial monthly meter reading was taken on or after the effective date of such change or revision, except as otherwise ordered by the Kentucky Public Service Commission.

Bills are due on the date indicated thereon as being the last date for payment of the net amount, or as otherwise agreed to, and bills are payable only at the Company's offices or authorized agencies for collection. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5% is due and payable. If a partial payment is made, the amount will be applied to items of indebtedness in the same order as they have accrued, except that any payment received shall first be applied to the bill for service rendered.

The Company may issue interim bills based on average normal usage instead of determining actual usage by reading the meter. Interim bills may also be used when access to Company's meter cannot be obtained or emergency conditions exist.

#### 2. Information on Customer Bills.

Every bill rendered by the Company for metered service will clearly state:

- (a) The beginning and ending meter readings for the billing period and the dates thereof.
- (b) The amount of energy usage.
- (c) The amount due for the energy used, any adjustments, including assessed late payment charges, and the gross amount of the bill.
- (d) The rate code under which the customer is billed.
- (e) The date of the last day payment can be made without a late payment charge being assessed.
- (f) Any previous balance.
- (g) The address, phone number, and business hours of the Company.
- (h) The date of the next scheduled meter reading.
- (i) The date after which received payments are not reflected in the bill.
- (j) The type of service rendered (gas or electric).
- (k) The amount, and identification, of any tax or fee the Company is authorized either by state law or order of the Commission to collect.

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### Schedule L-2.2 Page 15 of 152 Responsible Witness: Bruce Sailers

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#### SECTION VI - BILLING AND PAYMENT (Contd.)

#### 3. Charge for Restoring Service for Non-Payment of Bill and Unlawful Use of Service.

Company may charge and collect in advance the sum as specified on Tariff Sheet "Charge for Reconnection of Service" for reconnecting a customer's service after service is disconnected because of non-payment of bill when due or when service is discontinued because of fraudulent use, except as may be provided by 807 KAR 5:006, Section 15, Winter Hardship Reconnection.

#### 4. Temporary Discontinuance of Service.

If any customer on a residential rate, because of absence or otherwise, shall notify Company in writing or by telephone to discontinue service, Company will make no minimum charge for any full meter reading period during the period of discontinuance; provided, however, that Company may charge and collect the sum as specified on Tariff Sheet "Charge for Reconnection of Service" prior to reconnecting a service which was discontinued at customer's request within the preceding twelve months.

#### 5. Selection of Rate Schedule.

When a prospective customer makes application for service, Company will, upon request, assist in the selection of the Rate Schedule most favorable to customer or the service requested. The selection will be based on the prospective customer's statement as to the class of service desired, the amount and manner of use, and any other pertinent information.

#### 6. Change to Optional Rate Schedule.

A customer being billed under one of two or more optional Rate Schedules applicable to his class of service may elect to be billed on any other applicable Rate Schedule by notifying Company in writing, and Company will bill customer under such elected Schedule from and after the date of the next meter reading. However, a customer having made such a change of Rate Schedule may not make another such change within the next twelve months. At the Company's option, Company may allow another such change within the next twelve months if customer complies with applicable early termination provisions specified in the Rate Schedule.

#### 7. Availability of Budget Billing and Fixed Bill.

- (a) Customer's recent payment history.
- (b) The amount of the delinquent account.
- (c) Customer's payment performance in respect to any prior arrangements or plans.
- (d) Any other relevant factors concerning the circumstances of the customer including health and age.

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#### SECTION VI - BILLING AND PAYMENT (Contd.)

If the customer fails to pay bills as rendered under the Budget Payment Plan or Fixed Bill rate schedule, **Formatted:** Font: Times New Roman, 10 pt 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.

### 8. Partial payment Plans.

The Company shall negotiate and accept reasonable partial payment plans at the request of residential customers who have received a termination notice according to the regulations governing failure to pay, except the Company shall not be required to negotiate a partial payment plan with a customer who is delinquent under a previous payment plan.

### 9. Bill Format.

The Company has included as Appendix A to these Service Regulations an example of the Company's customer bill format.

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#### **SECTION VII - DEPOSITS**

### 1. Deposits.

The Company may require a minimum cash deposit or other guaranty to secure payment of bills except for customers qualifying for service reconnection pursuant to 807 KAR 5:006, Section 15, Winter Hardship Reconnection. Service may be refused or discontinued for failure to pay the requested deposit. Interest. as prescribed by KRS 278.460, will be paid annually either by refund or credit to the customer's bill.

The deposit may be waived by the Company upon a customer's showing of satisfactory credit or payment history, and required residential service deposits will be returned after one (1) year if the customer has established a satisfactory payment record for that period; but commercial deposits will be retained during the entire time that the account remains active. If a deposit has been waived or returned and the customer fails to maintain a satisfactory payment record, a deposit may then be required. The Company may require a deposit in addition to the initial deposit if the customer's classification of service changes or if there is a substantial change in usage. Upon termination of service, the deposit, any principal amounts, and any interest earned and owing will be credited to the final bill with any remainder refunded to the customer.

In determining whether a deposit will be required or waived, information such as the following may be considered:

- 1. Previous history with the Company. If the customer has no previous history with the Company, statements from other utilities, banks, etc. may be presented by the customer as evidence of good credit.
- 2. Whether the customer has filed bankruptcy proceedings within the last seven years.
- 3. Whether another customer with a good payment history is willing to sign as a guarantor for an amount equal to the required deposit.

A security deposit will be required pursuant to 11 U.S.C. Section 366 in all bankruptcies where the Company is listed as a creditor.

If a deposit is held longer than 18 months, the deposit will be recalculated at the customer's request based on the customer's actual usage. If the deposit on account differs from the recalculated amount by more than \$10.00 for a residential customer or 10 percent for a non-residential customer, the Company may collect any underpayment and shall refund any overpayment by check or credit to the customer's bill. No refund will be made if the customer's bill is delinquent at the time of the recalculation.

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SECTION VII - DEPOSITS (Contd.)

### 2. All Calculated Deposits.

Customer deposits shall be based upon actual usage of the customer at the same or similar premises for the most recent 12-month period, if such information is available. If usage information is not available, the deposit will be based on the average bills of similar customers and premises in the system. The deposit amount shall not exceed two-twelfths (2/12) of the customer's actual or estimated annual bill.

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# SECTION VIII - APPLICATION

# 1. Application of Service Regulations and Rate Schedules.

All Service Agreements at present in effect or that may be entered into in the future are made expressly subject to these Service Regulations and any modifications hereof that may be lawfully made, and subject to all applicable existing Rate Schedules and any lawfully made change therein, substitutions therefore or additions thereto.

### 2. Agents Cannot Modify Agreement.

No agent has the right to amend, modify or alter the application, rates terms, conditions, rules or regulations as filed with the Kentucky Public Service Commission, or to make any promise or representation not contained in the Company's schedules, supplements thereto and revisions thereof, lawfully filed with said commission.

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### RATE RS

#### RESIDENTIAL SERVICE

#### APPLICABILITY

Applicable to electric service other than three phase service, for all domestic purposes in private residences, single occupancy apartments and separately metered common use areas of multi-occupancy buildings in the entire territory of the Company where distribution lines are adjacent to the premises to be served.

Residences where not more than two rooms are used for rental purposes will also be included. Where all dwelling units in a multi-occupancy building are served through one meter and the common use area is metered separately, the kilowatt-hour rate will be applied on a "per residence" or "per apartment" basis, however, the customer charge will be based on the number of installed meters.

Where a portion of a residential service is used for purposes of a commercial or public character, Rate DS, Service At Distribution Voltage, is applicable to all service. However, if the wiring is so arranged that the service for residential purposes can be metered separately, this Rate will be applied to the residential service, if the service qualifies hereunder.

#### TYPE OF SERVICE

Alternating current 60 Hz, single phase at Company's standard secondary voltage.

#### NET MONTHLY BILL

Computed in accordance with the following charges:

(a)	se Rate Customer Charge Energy Charge	\$ <u>11.22</u>	per month	(I)	Deleted: 4.50
(0)	All kilowatt hours	\$0.0 <u>8390</u> 8	per kWh	(1)	Deleted: 75456
۲	Applicable Riders The following riders are applicable pursuant to the specific t Sheet No. 76, Rider ESM, Environmental Surcharge Mecha Sheet No. 78, Rider DSMR, Demand Side Management Rid Sheet No. 80, Rider FAC, Fuel Adjustment Clause Sheet No. 82, Rider PSM, Profit Sharing Mechanism Sheet No. 125, Rider DCI, Distribution Capital Investment R Sheet No. 126, Rider FTR, FERC Transmission Cost Recor	inism Rider der Rider ncillation Rider	within each rider:	(E) (D) (N) (N)	E, Merger Savings Credit Rider - Electric¶
	The minimum charge shall be the Customer Charge as sho	wn above.		4	Deleted: July 31 Deleted: 00005

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Issued by James P. Henning, President	(T)				

# Schedule L-2.2 Page 21 of 152 Responsible Witness: Bruce Sailers

	KY.P.S.C. Electric No. 2 <u>Eighth</u> Revised Sheet No. 30	 (T)	ted: Seventh
Duke Energy Kentucky, Inc. 4580 Olympic Blvd.	Cancels and Supersedes <u>Seventh</u> Revised Sheet No. 30 Page 2 of 2	 <u>(T)</u>	ted: Sixth
Erlanger, KY 41018			

# LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

# TERMS AND CONDITIONS

This rate is available upon application in accordance with the Company's Service Regulations.

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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### Schedule L-2.2 Page 22 of 152 Responsible Witness: Bruce Sailers

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Erlanger, Kentucky 41018	Page 1 of 3	Formatted: Font: 10 pt
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### RATE DS

### SERVICE AT SECONDARY DISTRIBUTION VOLTAGE

### APPLICABILITY

Applicable to electric service for usual customer load requirements where the Company specifies service at the standard secondary system voltage and the Company determines that facilities of adequate capacity are available adjacent to the premises to be served, and the customer's average monthly demand is determined by the Company to be less than 500 kilowatts. Electric service must be supplied at one point of delivery and is not applicable for resale service.

### TYPE OF SERVICE

Alternating current 60 Hz, single phase or three phase at the Company's standard distribution voltage of 34,500 volts or lower.

#### NET MONTHLY BILL

Computed in accordance with the following charges provided, however, that the maximum monthly rate, excluding the customer charge, and all applicable riders, shall not exceed \$0.271528 per kilowatt-hour (kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

1. Base Rate		
(a) Customer Charge per month		/
Single Phase Service	<u>, 17.14</u> , per mor	th
Three Phase Service	\$ 34.28, per mo	
	·	
(b) Demand Charge		
First 15 kilowatts	\$0.00 perkW	1
Additional kilowatts	\$ <u>8.73</u> , per kW	
(a) Enorgy Charge		11
(c) Energy Charge First 6,000 kWh	\$0.091917.per kW	ر بر ا 
Next 300 kWh/kW	\$0.056425 per kW	
Additional kWh	\$0.046204 per kW	
		1
2. Applicable Riders		
The following riders are applicable pursuant to the specific terms	s contained within each r	ider:
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism	<u>ı Rider</u>	+' ·()
Sheet No. 78, Rider DSMR, Demand Side Management Rider		· · .
Sheet No. 80, Rider FAC, Fuel Adjustment Clause		i 💰
Sheet No. 82, Rider PSM, Profit Sharing Mechanism		
Sheet No. 125. Rider DCI, Distribution Capital Investment Rider		. <u>A</u>
Sheet No. 126, Rider FTR, FERC Transmission Cost Reconcilitie	on Rider	
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The minimum charge shall be the Customer Charge shown above.		· •
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### Schedule L-2.2 Page 23 of 152 Responsible Witness: Bruce Sailers

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Duke Energy Kentucky, Inc.	Cancels and Supersedes		
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Erlanger, Kentucky 41018	Page 2 of 3		

For customers receiving service under the provisions of former Rate C, Optional Rate for Churches, as of June 25, 1981, the maximum monthly rate per kilowatt-hour shall not exceed \$0.166694 per kilowatt-hour plus all applicable riders.

#### NET MONTHLY BILL (Cont'd)

When both single and three phase secondary voltage services are required by a customer, the monthly kilowatt-hour usage and kilowatt demands shall be the respective arithmetical sums of both services.

#### METERING

The Company may meter at secondary or primary voltage as circumstances warrant. If the Company elects to meter at primary voltage, the kilowatt-hours registered on the Company's meter will be reduced one and one-half percent (1.5%) for billing purposes.

#### DEMAND

The demand shall be the kilowatts derived from the Company's demand meter for the fifteen-minute period of customer's greatest use during the billing period, as determined by the Company, adjusted for power factor, as provided herein. At its option, the Company may not install a demand meter if the nature of the load clearly indicates the load will have a constant demand, in which case the demand will be the calculated demand.

In no event will the billing demand be taken as less than the higher of the following:

- a) 85% of the highest monthly kilowatt demand established in the summer period and effective for the next succeeding eleven (11) months; or
- b) One (1) kilowatt for single phase secondary voltage service and five (5) kilowatts for three phase secondary voltage service.

If a customer requests reconnection of an account within twelve (12) months of a disconnection order, the customer's demand record for the period of disconnection will be re-established for purposes of billing and administration of the preceding clause.

For purposes of administration of the above clause, the summer period is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

#### POWER FACTOR ADJUSTMENT

The power factor to be maintained shall be not less than 90% lagging. If the Company determines customer's power factor to be less than 90%, the billing demand will be the number of kilowatts equal to the kilovolt amperes multiplied by 0.90.

At the Company's option, power factor may be determined by the following methods:

a. Continuous measurement

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### Schedule L-2.2 Page 24 of 152 Responsible Witness: Bruce Sailers

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Erlanger, Kentucky 41018	Page 3 of 3	

the power factor, as determined during the interval in which the maximum kW demand is established, will be used for billing purposes; or

#### POWER FACTOR ADJUSTMENT (Cont'd)

b. Testing

the power factor, as determined during a period in which the customer's measured kW demand is not less than 90% of the measured maximum kW demand of the preceding billing period, will be used for billing purposes until superseded by a power factor determined by a subsequent test made at the direction of Company or request of customer.

#### LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

#### TERMS AND CONDITIONS

The initial term of contract shall be for a minimum period of three (3) years terminable thereafter by a minimum notice of either the customer or the Company as prescribed by the Company's Service Regulations.

The Company is not obligated to extend, expand or rearrange its transmission system voltage if it determines that existing distribution and/or transmission facilities are of adequate capacity to serve the customer's load.

If the Company offers to provide the necessary facilities for transmission service, in accordance with its Service Regulations, an annual facilities charge, applicable to such additional facilities, is established at twenty (20) percent of actual cost. The annual facilities charge shall be billed in twelve monthly installments to be added to the demand charge.

For purposes of administration of this rate, the Company will determine the customer's average monthly demand based upon the twelve months ending December of each year after the applicable term of service has been fulfilled by the customer. If the customer's monthly demand exceeds 500 kilowatts and the Company expects the customer's demand to remain in excess of 500 kilowatts, then the Company will notify the customer prior to May of the succeeding year that the provisions of Rate DT, Time-of-Day Rate for Distribution Service shall be applicable beginning with the June revenue month billing and shall continue until the term of service of that rate has been fulfilled. In the case where a customer's average demand is estimated by the Company to be significantly less than 500 kilowatts, the Company may, at its ... discretion, waive the twelve month demand history requirement in the determination of the applicability of this rate.

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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# Schedule L-2.2 Page 25 of 152 Responsible Witness: Bruce Sailers

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# RATE DT

# TIME-OF-DAY RATE FOR SERVICE AT DISTRIBUTION VOLTAGE

### APPLICABILITY

Applicable to electric service for customers with an average monthly demand of 500 kilowatts or greater where the Company specifies service at a nominal distribution system voltage of 34,500 volts or lower, and the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served. Electric service must be supplied at one point of delivery and is not applicable for resale service.

# TYPE OF SERVICE

Alternating current 60 Hz, single phase or three phase at Company's standard distribution voltage of 34,500 volts or lower.

#### NET MONTHLY BILL

Computed in accordance with the following charges (kilowatt of demand abbreviated as kW and kilowatthours are abbreviated as kWh):

<ol> <li>Base Rate</li> </ol>				
	omer Charge		/-	
	le Phase	\$200.00 per month	r ( I	Deleted: 7.50
	ee Phase	\$400.00, per month	(	Deleted: 15.00
Prim	nary Voltage Service	\$ <u>465.00,</u> per month	سر) ا] ⊡	Deleted: 100.00
(b) Dema	and Charge			
	imer		-	
	Peak kW	\$ <u>14.39</u> per kW	· (	Deleted: 12.75
Off	Peak kW	\$ <u>1.30</u> , per kW	. (	Deleted: 1.15
Wint	ter			
On	Peak kW	\$ <u>13.62</u> per kW	. fi	Deleted: 12.07
Off	Peak kW	\$ <u>1.30</u> , per kW	) (	Deleted: 1.15
(c) Energ	jy Charge			Deleted: 044195
5	Summer On Peak kWh	\$0. <u>049875</u> , per kWh	ંતિ	Deleted: 042195
ľ	Ninter On Peak kWh	\$0. <u>047612</u> , per kWh	<u>j</u>	Deleted: 036195
(	Off Peak kWh	\$0. <u>040844</u> , per kWh	. · · ( )	Formatted: Font: Times New Roman
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# Schedule L-2.2 Page 26 of 152 Responsible Witness: Bruce Sailers

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Erlanger, Ken	ntucky 41018		Page 2 of 4	```	
1_					Deleted: <object>Low Load Factor</object>
. ,					Optional Rate - Pilot Program
2. Applicab	le Riders				Customers with annual load factors of
		able oursuant to the sr	pecific terms contained within each rider:		45% or lower are eligible to receive service at the following rates. Annuel load factor is
	Sheet No. 76, Rider ESM, Env			(א)	defined as the sum of the kWh during the
	Sheet No. 78, Rider DSMR, De				prior year divided by the sum of the kW
	Sheet No. 80, Rider FAC, Fuel				during the prior year divided by 730. This
	Sheet No. 82, Rider PSM, Prof				pilot program low load factor optional rate will remain in effect through December 31, 2007.
	Sheet No. 125, Rider DCI, Dist	Ŷ			The Company may apply to continue this
	Sheet No. 126, Rider FTR, FE			(N)	pilot program beyond December 31, 2007,
	SHEELIND, 120, RIDELFTR, FE		Reconciliation Riber	(N) (D)	subject to Commission approval.¶
					] Base Rate¶
i ne mini	mum charge shall be the Custo	mer Charge, as stated	apove.	, <i>(</i> ]	(a) Customer Charga¶
	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				Single Phase \$ 7.50
			es are required by a customer, the monthly	q	per month¶
kilowatt-ł	hour usage and kilowatt demand	ds shall be the respec	tive arithmetical sums of both services.		Three Phase S 15.00
					per month¶ Primary Voltage
			rges, the summer period is defined as that		Servica \$100.00 per month¶
period re	presented by the Company's b	illing for the four (4) r	evenue months of June through September.	5	1
The wint	er period is defined as that per	iod represented by the	e Company's billing for the eight (8) revenue		(b) Demand Charge¶ Summer¶
months o	of January through May and Oct	tober through Decemb	er.		On Peak kW \$ 11.90
					per kW¶
					Off Peak kW \$ 1,15
					per kW¶ ¶
RATING PER	NODS				¶ Winter¶
The ratin	g periods applicable to the dem	and charge shall be a	s follows:		On Peak kW \$ 10.54
					per kW¶
a)	On Peak Period			·	Off Peak kW \$1.15 per kW¶
•)	Summer - 11 a.m. to 8 p.m. Mo	nday through Friday	excluding holidays	[	1 1
			ay through Friday, excluding holidays.		<object> (c) Energy Charge¶</object>
	Winter + o dant to 2 plant dire e	pana to o pana, mond	ay anough i hady, oxolooling holiodys.		Summer On Peak
b)	Off Reak Period - All hours Mo	nday through Criday (	not included above plus all day Saturday and	· [	kWh \$0.046857 per kWh 1 Winter On Peak
0)			, Good Friday, Memorial Day, Independence	ł	
			nksgiving Day and Christmas Day on the day		Deleted: Sheet No. 81, Rider MSR- E. Marcas Sovieto Credit Bider, Electrical
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METERING			a circumstances warrant. If the Company	,	
			as circumstances warrant. If the Company	Į	Deleted: 65
			on the Company's meter will be reduced one	1	Deleted: 50
and one-	half percent (1.5%) for billing pu	irposes.			Balatada huk 21
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			nd appurtenances, in accordance with the		Deleted: 00005
	,	enance criteria, the l	Demand Charge, as stated above, shall be	1	Formatted: Font: (Default) Times New
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	First 1,000 kW of On Peak billin			(1	
	Additional kW of On Peak billing	Ψ	er KVV.	ن : ي :	ted: August 30
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### Schedule L-2.2 Page 27 of 152 Responsible Witness: Bruce Sailers

	KY.P.S.C. Electric No. 2	
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Duke Energy Kentucky, Inc.	Cancels and Supersedes	
4580 Olympic Blvd.	Seventh Revised Sheet No. 41	Deleted: Sixth
Erlanger, Kentucky 41018	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.

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 Issued by authority of an Order of the Kentucky Public Service

Commission dated, 2017 in Case No. 2017-00321	(T),	
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# Schedule L-2.2 Page 28 of 152 Responsible Witness: Bruce Sailers

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	Erlanger, Kentucky 41018	Page 4 of 4	Q
	the lune revenue month billing and shall continue until the term	of service of that rate is fulfilled. In the	

the June revenue month billing and shall continue until the term of service of that rate is fulfilled. In the case where a customer's average demand is estimated by the Company to be significantly greater than 500 kilowatts, the Company may, at its discretion, waive the twelve month demand history requirement in the determination of the applicability of this rate.

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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4580 Olympic Blvd.	Seventh Revised Sheet No. 42	(T)	ted: Sixth
Erlanger, Kentucky 41018	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 Three Phase Service Primary Voltage Service	\$ <u>17.14</u> , per month \$ <u>34.28</u> , per month \$ <u>119.72</u> , per month	({ Deleted: 7.50 { Deleted: 15.00 { Deleted: 100.00
(b) Energy Charge All kWh	\$0. <u>069947, per kWh</u>	Deleted: 061524
<ol> <li>Applicable Riders         The following riders are applicable pursuant to the spe Sheet No. 76, Rider ESM, Environmental Surcharge M Sheet No. 78, Rider DSMR, Demand Side Manageme Sheet No. 80, Rider FAC, Fuel Adjustment Clause Sheet No. 82, Rider PSM, Profit Sharing Mechanism Sheet No. 125, Rider PSM, Profit Sharing Mechanism Sheet No. 126, Rider FTR, FERC Transmission Cost Re Sheet No. 126, Rider FTR, FERC Transmission Cost Re     </li> <li>The minimum charge shall be the Customer Charge stated</li> </ol>	<u>lechanism Rider</u> nt Rider lent Rider econciliation Rider	(N) Formatted: Indent: Left: 0", Hanging: 0.88" (Deleted: Sheet No. 81, Rider MSR- E, Merger Savings Credit Rider ~ Electric¶ (1) ted: July 31 ted: 00005 Vereted: August 18 Deleted: August 18
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### Schedule L-2.2 Page 30 of 152 Responsible Witness: Bruce Sailers

	KY.P.S.C. Electric No. 2
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Duke Energy Kentucky, Inc.	Cancels and Supersedes
4580 Olympic Blvd.	Seventh, Revised Sheet No. 42 Deleted: Sixth
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### NET MONTHLY BILL (Contd.)

B. Summer Billing Period

For energy used during the summer period, the kilowatt demand and kilowatt-hour use shall be billed in accordance with the provisions of the applicable Rate DS or Rate DP.

For purposes of administration of the above charges, the summer period is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

#### DEMAND

Customer's Demand will be the kilowatts as determined from Company's meter for the fifteen-minute period of customer's greatest use during the month or as calculated by the Company, but not less than five (5) kilowatts.

#### LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

#### TERMS AND CONDITIONS

The term of contract shall be for a minimum period of one (1) year terminable thereafter on thirty (30) days written notice by either the customer or the Company.

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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### Schedule L-2.2 Page 31 of 152 **Responsible Witness: Bruce Sailers**

	KY.P.S.C. Electric No. 2		
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### RATE SP

#### SEASONAL SPORTS SERVICE

# APPLICABILITY

Applicable to electric service required for sports installations, such as football and baseball fields, swimming pools, tennis courts, and recreational areas, promoted, operated and maintained by nonprofit organizations, such as schools, churches, civic clubs, service clubs, community groups, and municipalities, where such service is separately metered and supplied at one point of delivery, except, not applicable to private sports installations which are not open to the general public. This rate is available only to customers to whom service was supplied in accordance with its terms on June 25, 1981

### TYPE OF SERVICE

Alternating current 60 Hz, single or three phase at the Company's standard secondary voltage.

#### NET MONTHLY BILL

1

Computed in accordance with the following charges (kilowatt hours are abbreviated as kWh):

1.	Base Rate (a) Customer Charge	\$ <u>17.14</u> per month	Deleted: 7.50
	(b) Energy Charge	\$0. <u>106568</u> , per KWh	Deleted: 100598
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 Sheet No. 78, Rider DSMR, Demand Side Management Rider		(N)

Sheet No. 80, Rider FAC, Fuel Adjustment Clause Sheet No. 82, Rider PSM, Profit Sharing Mechanism Sheet No. 125, Rider DCI, Distribution Capital Investment Rider Sheet No. 126. Rider FTR, FERC Transmission Cost Reconciliation Rider

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.

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#### **RECONNECTION CHARGE**

A charge of \$25.00 is applicable to each season to cover in part the cost of reconnection of service.

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#### LATE PAYMENT CHARGE

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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.

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### Schedule L-2.2 Page 33 of 152 Responsible Witness: Bruce Sailers

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018	KY.P.S.C. Electric No. 2 Eighth, Revised Sheet No. 44 Cancels and Supersedes Seventh Revised Sheet No. 44 Page 1 of 2	(T)	ted: Seventh ted: Sixth
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# RATE GS-FL

### OPTIONAL UNMETERED GENERAL SERVICE RATE FOR SMALL FIXED LOADS

### APPLICABILITY

Applicable to electric service in the Company's entire territory for small fixed, electric load which can be served by a standard service drop from the Company's existing secondary distribution system where it is considered by the Company to be impractical to meter, such as service locations for bus shelters, telephone booths, navigation lights and beacons, and cable television power supplies.

# TYPE OF SERVICE

Alternating current 60 Hz, at nominal voltages of 120, 120/240 or 120/208 volts, single phase, unmetered. Service of other characteristics, where available, may be furnished at the option of the Company.

#### NET MONTHLY BILL

Computed in accordance with the following charges and based upon calculated energy use determined by the rated capacity of the connected equipment:

#### 1. Base Rate

Effective: October 1, 2017

Issued by James P. Henning, President

	(a) For loads based on a range of 540 to 720 hours			
	use per month of the rated capacity of the			
	connected equipment	\$0. <u>092698</u> ,per kWh	(·)	Deleted: 080723
	(b) For loads of less than 540 hours use per month of			Formatted: Font: 10 pt
	the rated capacity of the connected equipment	\$0.106767, per kWh		Deleted: 092947
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2. A	pplicable Riders		1	· · · · · · · · · · · · · · · · · · ·
	The following riders are applicable pursuant to the spec	ific terms contained within each rider:	j	Deleted: Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric¶
	Sheet No. 76, Rider ESM, Environmental Surcharge M	lechanism Rider		Deleted: 82
	Sheet No. 78, Rider DSMR, Demand Side Management	nt Rider		Deleted: PSM
	Sheet No. 80, Rider FAC, Fuel Adjustment Clause			Deleted: Profit Sharing Mechanism
τ	Sheet No. 82, Rider PSM, Profit Sharing Mechanism Sheet No. 125, Rider DCI, Distribution Capital Investm	ant Rider		Deleted: 3
	Sheet No. 126, Rider FTR, FERC Transmission Cost		$(\cdot)$	Deleted: 00
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	Minimum: \$3.14 per Fixed Load Location per month.		`, <b>'</b>	ted: July 31
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	pent of the Net Monthly Bill must be received in the Com	pany's office within twenty-one (21) days from		ted: August 18
the d	ate the bill is mailed by the Company. When not so paid	, the Gross Monthly Bill, which is the Net	$\frac{n}{n}$ :	Deleted: August 30
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	KY.P.S.C. Electric No. 2		
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Monthly Bill plus 5%, is due and payable.

#### SERVICE PROVISIONS

- (1) Each separate point of delivery of service shall be considered a Fixed Load Location.
- (2) Only one supply service will be provided to a customer under this Schedule as one Fixed Load Location.
- (3) The customer shall furnish switching equipment satisfactory to the Company.
- (4) The calculated energy use per month shall be determined by the Company taking into consideration the size and operating characteristics of the load.
- (5) The customer shall notify the Company in advance of every change in connected load or operating characteristics, and the Company reserves the right to inspect the customer's equipment at any time to verify the actual load. In the event of the customer's failure to notify the Company of any such changes, the Company reserves the right to refuse to serve the Fixed Load thereafter under this Schedule, and shall be entitled to bill the customer retroactively on the basis of the changed load and operating characteristics for the full period such load was connected.

#### TERM OF SERVICE

One (1) year, terminable thereafter on thirty (30) days written notice by either the customer or the Company.

### SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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4580 Olympic Blvd. Erlanger, KY 41018	<u>Seventh Revised Sheet No. 45</u> Page 1 of 3	<b>.</b>	(T)	ted: Sixth

# RATE DP

# SERVICE AT PRIMARY DISTRIBUTION VOLTAGE

### APPLICABILITY

Applicable to electric service for usual customer load requirements where the Company specifies service at nominal primary distribution system voltages of 12,500 volts or 34,500 volts, and the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served, and the customer's average monthly demand is determined by the Company to be less than 500 kilowatts. Electric service must be supplied at one point of delivery and is not applicable for resale service.

When both single and three phase secondary voltage services are required by a customer, the monthly kilowatt-hour usage and kilowatt demands shall be the respective arithmetical sums of both services.

#### TYPE OF SERVICE

Alternating current 60 Hz, single phase or three phase at Company's standard distribution voltage of 34,500 volts or lower.

#### NET MONTHLY BILL

Computed in accordance with the following charges provided, however, that the maximum monthly rate, excluding the customer charge, electric fuel component charges and DSM Charge shall not exceed \$0.236198, per kilowatt-hour (Kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

#### 1. Base Rate

(a) Customer Charge		
Primary Voltage Service (12.5 or 34.5 kV)	\$ <u>118.78</u> , per month	Leieted: 100.00
(b) Demand Charge		Formatted: Font: 10 pt
(b) Demand Charge All kilowatts	\$ <u>8.40</u> per kW	(Deleted: 7.08
(c) Energy Charge		Deleted: 051068
First 300 kWh/kW	\$0. <u>060595</u> per kWh	( Formatted: Font: 10 pt
Additional kWn	\$0. <u>051267</u> ,per kWh	
2. Applicable Riders		Formatted: Font: 10 pt
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Sheet No. 76, Rider ESM, Environmental Surcharge Sheet No. 78, Rider DSMR, Demand Side Manager		Formatted: Font: 10 pt
Sheet No. 80, Rider FAC, Fuel Adjustment Clause		ted: July 31
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### Schedule L-2.2 Page 36 of 152 Responsible Witness: Bruce Sailers

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Erlanger, KY 41018	Page 2 of 3	C	

The minimum charge shall be the Customer Charge shown above.

#### PRIMARY VOLTAGE METERING DISCOUNT

The Company may meter at secondary or primary voltage as circumstances warrant. If the Company elects to meter at primary voltage, the kilowatt-hours registered on the Company's meter will be reduced one and one-half percent (1.5%) for billing purposes.

### DEMAND

The demand shall be the kilowatts derived from the Company's demand meter for the fifteen-minute period of customer's greatest use during the billing period, as determined by the Company, adjusted for power factor, as provided herein. At its option, the Company may not install a demand meter if the nature of the load clearly indicates the load will have a constant demand, in which case the demand will be the calculated demand.

In no event will the billing demand be taken as less than 85% of the highest monthly kilowatt demand established in the summer period and effective for the next succeeding eleven (11) months.

If a customer requests reconnection of an account within twelve (12) months of a disconnection order, the customer's demand record for the period of disconnection will be re-established for purposes of billing and administration of the preceding clause.

For purposes of administration of the above clause, the summer period is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

#### POWER FACTOR ADJUSTMENT

The power factor to be maintained shall be not less than 90% lagging. If the Company determines customer's power factor to be less than 90%, the billing demand will be the number of kilowatts equal to the kilovolt amperes multiplied by 0.90.

At the Company's option, power factor may be determined by the following methods:

- a. Continuous measurement
  - the power factor, as determined during the interval in which the maximum kW demand is established, will be used for billing purposes; or
- b. Testing
  - the power factor, as determined during a period in which the customer's measured kW demand is not less than 90% of the measured maximum kW demand of the preceding billing period, will be used for billing purposes until superseded by a power factor determined by a subsequent test made at the direction of Company or request of customer.

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### Schedule L-2.2 Page 37 of 152 **Responsible Witness: Bruce Sailers**

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#### LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

### TERMS AND CONDITIONS

The initial term of contract shall be for a minimum period of five (5) years terminable thereafter as prescribed by the Company's Service Regulations.

- (1) For customers with a most recent twelve month average demand of less than 10,000 kVA, thirty days written notice.
- (2) For customers with a most recent twelve month average demand of 10,000 kVA or greater, written notice twelve months in advance of the desired termination date.

The Company is not obligated to extend, expand or rearrange its transmission system voltage if it determines that existing distribution and/or transmission facilities are of adequate capacity to serve the customer's load.

If the Company offers to provide the necessary facilities for transmission service, in accordance with its Service Regulations, an annual facilities charge, applicable to such additional facilities, is established at twenty (20) percent of actual cost. The annual facilities charge shall be billed in twelve monthly installments to be added to the demand charge.

For purposes of administration of this rate, the Company will determine the customer's average monthly demand based upon the twelve months ending December of each year after the applicable term of service has been fulfilled by the customer. If the customer's monthly demand exceeds 500 kilowatts and the Company expects the customer's demand to remain in excess of 500 kilowatts, then the Company will notify the customer prior to May of the succeeding year that the provisions of Rate DT, Time-of-Day Rate for Distribution Service shall be applicable beginning with the June revenue month billing and shall continue until the term of service of that rate has been fulfilled. In the case where a customer's average demand is estimated by the Company to be significantly less than 500 kilowatts, the Company may, at its discretion, waive the twelve month demand history requirement in the determination of the applicability of this rate.

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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### 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	\$ 5	00.00 per month
(b) Demand Charge		
Summer		
On Peak kW	\$	<u>8.46</u> , per kW
Off Peak kW	\$	1.28 per kW
Winter		
On Peak kW	\$	<u>6.95</u> , per kW
Off Peak kW	\$	1.28, per kW
(c) Energy Charge		

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2. Applicable Riders

<u>Summer</u> On Peak kWh

Winter

Off Peak kW h

On Peak kWh

Off Peak kW h

The following riders are applicable pursuant to the specific terms contained within each rider: Sheet No. 76, Rider ESM, Econmic Surcharge Mechanism Rider

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 Commission dated\_ 2017 in Case No. 2017-00321.
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Merger Savings Credit Rider - Electric¶

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Sheet No. 78, Rider DSMR, Demand Side Management Rider Sheet No. 80, Rider FAC, Fuel Adjustment Clause Sheet No. 82, Rider PSM, Profit Sharing Mechanism Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider

NET MONTHLY BILL (Contd.)\_

The minimum charge shall be not less than fifty percent (50%) of the highest demand charge established during the preceding eleven (11) months.

For purposes of administration of the above charges, the summer is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

#### RATING PERIODS

The rating periods applicable to the demand charge shall be as follows:

### a) On Peak Period

Summer - 11 a.m. to 8 p.m. Monday through Friday, excluding holidays. Winter - 9 a.m. to 2 p.m. and 5 p.m. to 9 p.m., Monday through Friday, excluding holidays.

b) Off Peak Period - all hours Monday through Friday not included above plus all day Saturday and Sunday as well as New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, and Christmas Day on the day nationally designated to be celebrated as such.

#### METERING

The Company may meter at secondary or primary voltage as circumstances warrant. If the Company elects to meter at secondary voltage, the kilowatt-hours registered on the Company's meter will be increased one and one-half percent (1.5%) for billing purposes.

#### DEMAND

The On Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the on peak rating period adjusted for power factor as provided herein. The Off Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the off peak rating period adjusted for power factor minus the On Peak billing demand. In no case shall the Off Peak billing demand be less than zero.

### POWER FACTOR ADJUSTMENT

The power factor to be maintained shall be not less than 90% lagging. If the Company determines the customer's power factor to be less than 90%, the on peak and off peak billing demands will be the number of kilowatts equal to the respective on peak and off peak kilovolt amperes multiplied by 0.90.

The power factor, as determined by continuous measurement, will be derived from the intervals in

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# Schedule L-2.2 Page 40 of 152 Responsible Witness: Bruce Sailers

	KY.P.S.C. Electric No. 2
	Eighth, Revised Sheet No. 51 Deleted: Seventh
Duke Energy Kentucky, Inc.	Cancels and Supersedes
4580 Olympic Blvd.	Seventh, Revised Sheet No. 51 Deleted: Sixth
Erlanger, KY 41018	Page 3 of 3

which the maximum on peak and off peak kW demands are established.

#### LATE PAYMENT CHARGE

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Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

#### TERMS AND CONDITIONS

The initial term of contract shall be for a minimum period of five (5) years terminable thereafter by either the customer or the Company as follows:

- (1) Thirty (30) days after receipt of written notice for customers with a most recent twelve (12) months average on peak demand of less than 10,000 kW.
- (2) Twelve (12) months after receipt of written notice for customers with a most recent twelve (12) months average on peak demand of greater than 10,000 kW.

The Company is not obligated to extend, expand or rearrange its transmission system if it determines that existing distribution and/or transmission facilities are of adequate capacity to serve the customer's load.

If the Company offers to provide the necessary facilities for transmission voltage, in accordance with its Service Regulations, an annual facilities charge, applicable to such additional facilities, is established at twenty (20) percent of actual cost. The annual facilities charge shall be billed in twelve monthly installments to be added to the demand charge.

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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	Issued by authority of an Order of the Kentucky Public Service Commission dated, 2017 in Case No. 2017-00321,		, , , , , , , , , , , , , , , , , , ,			-
ļ	Issued: September 1, 2017	<b>(T)</b>				
	Effective: October 1, 2017 Issued by James P. Henning, President	(T)	: 			

# Schedule L-2.2 Page 41 of 152 Responsible Witness: Bruce Sailers

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### Schedule L-2.2 Page 42 of 152 **Responsible Witness: Bruce Sailers**

KY.P.S.C. Electric No. 2 Third Revised Sheet No. 58 Cancels and Supersedes Second Revised Sheet No. 58 Page 2 of 3

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#### NET MONTHLY BILL (Contd.)

Duke Energy Kentucky, Inc.

Erlanger, Kentucky 41018

4580 Olympic Blvd.

#### 6. Maintenance Power Service

#### Requirements -

The customer shall contract with the Company for the level of demand required for Maintenance Power. The contracted level of Maintenance Power shall be the lesser of: 1) the transmission and/or distribution capacity required to serve the contracted load; or, 2) the demonstrated capacity of the customer's generating unit(s) for which Maintenance Power is required. The customer's Maintenance Power requirements for each generating unit must be submitted to the Company at least sixty (60) days prior to the beginning of each calendar year. Within thirty (30) days of such submission, the Company shall respond to the customer either approving the Maintenance Power schedule or requesting that the customer reschedule those Maintenance Power requirements. For each generating unit, the customer may elect Maintenance Power Service for up to thirty (30) days in any twelve month period with no more than two (2) days consecutively during the summer billing periods of June through September and those must be during the Company's offpeak periods. The customer may request an adjustment to the previously agreed upon Maintenance Power schedule up to three weeks prior to the scheduled maintenance dates. The adjusted dates must be within one (1) week of the previously scheduled dates and result in a scheduled outage of the same seasonal and diurnal characteristics as the previously scheduled maintenance outage. The Company shall respond to the customer's request for an adjustment within one (1) week of that request. The Company may cancel a scheduled Maintenance Power period, with reason, at any time with at least seven (7) days notice to the customer prior to the beginning of a scheduled maintenance outage if conditions on the Company's electrical system warrant such a cancellation. Any scheduled Maintenance Power period cancelled by the Company shall be rescheduled subject to the mutual agreement of the Company and the customer.

#### Billing -

All power supplied under Maintenance Power Service shall be billed at the applicable rate contained in the Company's full service tariff schedules except for the following modifications: 1) the demand ratchet provision of the Compeny's full service tariff schedules shall be waived; and 2) the demand charge for Generation shall be fifty (50) percent of the applicable full service tariff Generation demand charge prorated by the number of days that Maintenance Power is taken.

#### 7 Backup Power Service

#### Requirements -

The customer shall contract with the Company for the level of demand required for Backup Power. The contracted level of Backup Power shall be the lesser of: 1) the transmission and/or distribution capacity required to serve the contracted load; or, 2) the demonstrated capacity of the customer's generating unit(s) for which Backup Power is required. The customer shall notify the Company by telephone within one-hour of the beginning and end of the outage. Within 48 hours of the end of the outage, the customer shall supply written notice to the Company of the dates and times of the outage with verification that the outage had occurred.

#### Billing -

All Backup Power will be billed at the applicable rate contained in the Company's full service tariff schedules except for the following modifications: 1) the demand ratchet provision, if any, of the Company's full service tariff schedules is waived; and 2) the demand charge for Generation shall be the applicable full service tariff schedule Generation demand charge as shown in Appendix A prorated by the number of days that Backup . Power is taken, except that where some of the customer's load requirement for Backup Power and Supplemental Power is 5 MW or greater and such requirement represents new load for ULH&P subsequent to January 1, 2002, the customer's generation charge for energy and demand shall be based on the provisions of Rate RTP-M, Sheet No. 59.

# NET MONTHLY BILL (Contd.)

8. Monthly Reservation Charges

The Monthly Distribution Reservation	n Charge, Monthly Transm	ission Reservation Charge and t	he Monthly
Issued by authority of an Order of the No.20 <u>17</u> ,00 <u>321</u> ,	Kentucky Public Service	Commission dated , 20,	in Case 5
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	Erlanger, Kentucky 41018	Page 3 of 3	No

Anciliary Services Charge items shown above shall be based on the greater of the contracted demand for Maintenance Power or Backup Power.

#### METERING

Recording meters, as specified by the Company, shall be installed where necessary, at the customer's expense. All metering equipment shall remain the property of the Company.

#### DEFINITIONS

Supplemental Power Service – a service which provides distribution and/or transmission capacity to the customer as well as the energy requirements for use by a customer's facility in addition to the electric power which the customer ordinarily generates on its own.

Maintenance Power Service – a contracted service which provides distribution and/or transmission capacity as well as the energy requirements for use by the customer during scheduled outages or interruptions of the customer's own generation.

Backup Power Service – a contracted service which provides distribution and/or transmission capacity as well as the energy requirements for use by the customer to replace energy generated by the customer's own generation during an unscheduled outage or other interruption on the part of the customer's own generation.

#### TERMS AND CONDITIONS

The term of contract shall be for a minimum of five (5) years.

The customer shall be required to enter into a written Service Agreement with the Company which shall specify the type(s) of service required, notification procedures, scheduling, operational requirements, the amount of deviation from the contract demand to provide for unavoidable generation fluctuations resulting from normal mechanical factors and variations outside the control of the customer and the level of demand and energy required.

The customer is required to adhere to the Company's requirements and procedures for interconnection as set forth in the Company's publication, "System Protection Requirements & Guidelines for Connection & Parallel Operation of Non-Utility Generators" which is provided to customers requesting service under this rider.

The cost of any additional facilities associated with providing service under the provisions of this rider shall be borne by the customer.

Changes in contracted demand levels may be requested by the customer once each year at the contract anniversary date. This request shall be made at least thirty (30) days in advance of the contract anniversary date.

The Company may enter into special agreements with customers which may deviate from the provisions of this rider. Such agreements shall address those significant characteristics of service and cost which would influence the need for such an agreement.

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission.

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Issued by authority of an Order of the Kentucky Public Service Commission dated , 20, No.2017-00321.

Issued: September <u>1, 2017</u> Effective: October 1, 2017

# Schedule L-2.2 Page 44 of 152 Responsible Witness: Bruce Sailers

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		i, i di ti	Formatted: Centered
			Deleted: APPLICABILITY¶ Applicable to all new Customers as of January 1, 2002 having estimated service requirements of 5,000 kilowatts or more and to existing Customers whose service requirements increase by 5,000 kilowatts or more. Where an existing Customer's requirements increase by 5,000 kilowatts or more, that Customer's incremental load will be subject to the provisions of this rate sch [ [1]
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# Schedule L-2.2 Page 45 of 152 Responsible Witness: Bruce Sailers

 Duke Energy Kentucky, Inc.
 Eightt, Revised Sheet No. 60

 Duke Energy Kentucky, Inc.
 Cancels and Supersedes

 4580 Olympic Blvd.
 Seventh, Revised Sheet No. 60

 Erlanger, KY 41018
 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 terminates, whichever occurs first.

# TYPE OF SERVICE

All equipment owned by the Company will be installed and maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting or electric service and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

#### NET MONTHLY BILL

The following monthly charge for each unit with lamp and luminaire, controlled automatically, will be assessed:

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# Schedule L-2.2 Page 46 of 152 **Responsible Witness: Bruce Sailers**

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018 NET MONTHLY BILL (Contd.) 1. Base Rate		<u>Eighth</u> R Cancels		et No. 60		ted: Seventh     Formatted: Font: Times New Roman, 9 pt     Formatted: Font: Times New Roman, 9 pt     Formatted: Font: Times New Roman, 9 pt     Deleted: Sixth
OVERHEAD DISTRIBUTION AREA Fixture Description Standard Fixture (Cobra Head) Mercury Vapor	Lamp <u>Watt</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	<u>Rate/Unit</u>		
1 7.000 lumen	175	0.193	803	\$ <u>7.96</u>	(l)	Deleted: 7.11
7,000 lumen (Open Refractor)	175	0.205	853	\$ 6.65	(I)	
10,000 lumen	250	0.275	1,144	\$ 9.19	(1)	Deleted: 5.94
21,000 lumen	400	0.430	1,789	\$12.30	(İ) ~	Deleted: 8.21
Metal Halide						Deleted: 10.99
14,000 lumen	175	0.193	803	\$ <u>7 96</u>	(l)	Deleted: 7.11
20,500 lumen	250	0.275	1,144	\$ <u>9.19</u>	(1)	
36,000 lumen	400	0.430	1,789	\$ <u>12.30</u>	(I) ¯	Deleted: 8.21
Sodium Vapor		<b>.</b>				( Deleted: 10.99
9,500 lumen	100	0.117	487	\$ 8.81	<u>(l)</u>	Deleted: 7.87
9,500 lumen (Open Refractor)	100	0.117	487	\$ <u>6.61</u>	(1)	Deleted: 5.91
16,000 lumen	150 200	0.171	711	\$ <u>9.60</u> ,	(1)	with million many forming a second of the second memory and a second second second second second second second
22,000 lumen 27,500 lumen	200	0.228 0.275	948 948	\$ <u>12.45</u>	(I)	Deleted: 8.58
50.000 lumen	400	0.275	940 1,959	\$ <u>12.45</u> \$16.73	(I) (I)	" Deleted: 11.13
Decorative Fixtures	400	0.471	1,505	\$ <u>15.76</u>	ψ.	Deleted: 11.13
Sodium Vapor						Deleted: 14.95
9,500 lumen (Rectilinear)	100		487		(1)	Lineieren 14.55
		0.117		\$ 10.94		Deleted: 9.78
22,000 lumen (Rectilinear)	200	0.246	1,023	\$13.53	Ű,	- Deleted: 12.09
50,000 lumen (Rectilinear)	400	0.471	1,959	\$17.90	(1)	
50,000 lumen (Setback)	400	0.471	1,959	\$ <u>26.62</u>	(İ)	Deleted: 16.00
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Where a street lighting fixture served overhead is to be installed on another utility's pole on which the Company does not have a contact, a monthly pole charge will be assessed.

Spans of Secondary Wiring: For each increment of 50 feet of secondary wiring beyond the first 150 feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$0.58,

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# Schedule L-2.2 Page 47 of 152 Responsible Witness: Bruce Sailers

ł	KY.P.S.C. Electric No. 2 <u>Eighth</u> Revised Sheet No. 60 <u>(1)</u> ted: Seventh
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Erlanger, KY 41018	Page 3 of 6 [Formatted [[3]]

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	Lamp <u>Watt</u>	kW/Unit	Annual kWh	Rate/Unit	
Fixture Description		<u></u>			Deleted: 7.24
Standard Fixture (Cobra Head)					
Mercury Vapor					Deleted: 5.94
7,000 lumen	175	0.210	874	\$ <u>8,10,    (l)</u>	<b>Deleted:</b> 8,36
7,000 lumen (Open Refractor)	175	0.205	853	\$ <u>6.65</u> , (I)	
10,000 lumen	250	0.292	1,215	\$ <u>9,35</u> (I)	
21,000 lumen	400	0.460	1,914	\$ <u>12.59</u> (I)	
Metal Halide					Deleted: 8.36
14.000 lumen	175	0.210	874	\$ <u>8.10</u> (I)	Deleted: 11.25
20,500 lumen	250	0.292	1,215	\$ <u>9.35</u> (I)	
36,000 lumen	400	0.460	1,914	\$ <u>12,59</u> (I)	
Sodium Vapor				·	a a construction of the second second second second second second second second second second second second sec
9,500 lumen	100	0.117	487	\$ <u>8.81</u> , (I)	Deleted: 8.55
9,500 lumen (Open Refractor)	100	0.117	487	\$ <u>6.70</u> , (I)	Deleted: 11.13
16,000 lumen	150	0.171	711	\$ <u>9.57</u> , (I)	Deleted: 14.95
22,000 lumen	200	0.228	948	\$ <u>12,45</u> (I)	Deleted: 7.48
50,000 lumen	400	0.471	1,959	\$ <u>16.73</u> (I)	
Decorative Fixtures					Deleted: 9.40
Mercury Vapor					Deleted: 21.48
7,000 lumen (Town & Country)	175	0.205	853	\$ <u>8.37</u> (1)	Deleted: 7.56
7,000 lumen (Holophane)	175	0.210	874	\$ <u>10.52</u> (I)	
7,000 lumen (Gas Replica)	175	0.210	874	\$ <u>24.04</u> (I)	
7,000 lumen (Granville)	175	0.205	853	\$ <u>8.46</u> (I)	
7,000 lumen (Aspen) Metal Halide	175	0.210	874	\$ <u>15.23</u> (I)	/ / Deleted: 13,61
14,000 lumen (Traditionaire)	175	0.205	853	\$ <u>8.37</u> (I)	Deleted: 21.57
14.000 lumen (Granville Acom)	175	0.210	874	\$ <u>15.23</u> (I)	
14,000 lumen (Gas Repica)	175	0.210	874	\$ <u>24.13</u> (I)	
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9,500 lumen (Town & Country)	100	0,117	487	\$ <u>12.23</u> (I)	👾 🧹 🖞 Deleted: 8.83
9,500 lumen (Holophane)	100	0.128	532	\$ <u>13.25,</u> (I)	' ' Deleted: 22.26
9,500 lumen (Rectilinear)	100	0.117	487	\$ <u>9.88</u> (I)	Deleted: 13.79
9,500 lumen (Gas Replica)	100	0.128	532	\$ <u>24.91</u> , (I)	· · · · · · · · · · · · · · · · · · ·
9,500 lumen (Aspen)	100	0.128	532	\$ <u>15.43,</u> (I)	Deleted: 10.93
9,500 lumen (Traditionaire)	100	0.117	487	\$ <u>12.23</u> (l)	Deleted: 13.79
9,500 lumen (Granville Acorn)	100	0.128	532	\$ <u>15,43</u> (I)	Deleted: 12.15
22,000 lumen (Rectilinear)	200	0.246	1,023	\$ <u>13,59</u> (I)	
50,000 lumen (Rectilinear)	400	0.471	1,959	\$ <u>17,97</u> , (I)	The construction of the second s
50,000 lumen (Setback)	400	0.471	1,959	\$ <u>26.62</u> , (I)	[ Deleted: 23.79
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# Schedule L-2.2 Page 48 of 152 Responsible Witness: Bruce Sailers

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35 foot	W35	\$ <u>4.92</u> . (i)		Formatted	[11]
40 foot	W40	\$ <u>5.90</u> , <u>(1)</u>		Deleted: 11.97	
Aluminum				Formatted	( [12]
12 foot (decorative)	A12	\$ <u>13.39</u> ( <u>1</u>	, '	Deleted: 6.94	
28 foot	A28	\$ <u>7.76</u> (1)	*		
28 foot (heavy duty)	A28H A30	\$ <u>7.84</u> , ( <u>1)</u> \$15.54			[13]
30 foot (anchor base)	A30	\$ <u>15.51</u> (1)		Deleted: 7.01	
Fiberglass 17 foot	F17	\$ <u>4.92</u> , (1)	•	Formatted	[ [14]
12 foot (decorative)	F17	$\frac{4.92}{14.40}$ , (1)		Deleted: 13.86	maxar <del>) and an</del> and an and
30 foot (bronze)	F30	· · · · · · · · · · · · · · · · · · ·		Formatted	
35 foot (bronze)	F35	\$ <u>9.38</u> , (1) \$ <u>9.62</u> , (1)		And the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second sec	( [15]
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Spans of Secondary Wiring:				>	[ [18]
For each increment of 25 feet of secondary	wiring beyond t	ne first 25 feet from the pole, f	he	Formatted	[ [19]
following price per month shall be added to the				Deleted: 8.38	
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Additional facilities, other than specified above, if requ	uired, will be bille	d at the time of installation.	÷.	Deleted: 8.60	nonin francisco de la constancia de la constancia de la constancia de la constancia de la constancia de la cons
<ul><li>(a) Note: New or replacement poles no longer availa</li></ul>	ible.			Formatted	[ [21]
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2. Base Fuel Cost				Deleted: 11.31	
The rates per unit shown above include a charge of \$0.0	23837 per kilowa	tt-hour reflecting the base cost		Formatted	( [23]
of fuel.			د بر ان ر	Deleted: 17.05	<u></u>
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Applicable Riders			•	Formatted	[24
The following riders are applicable pursuant to the specif		d within each rider:		Deleted: 75	
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Sheet No. 80, Rider FAC, Fuel Adjustment Clause			、·	And the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second sec	(
Sheet No. 82, Rider PSM, Profit Sharing Mechanism			<u> </u>	Formatted	<u>( [29</u>
Sheet No. 125, Rider DCI, Distribution Capital Investmen				Formatted	[31]
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ssued by James P. Henning, President	19				

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# Schedule L-2.2 Page 49 of 152 Responsible Witness: Bruce Sailers

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018

#### KY.P.S.C. Electric No. 2 <u>Eighth</u>, Revised Sheet No. 60 Cancels and Supersedes <u>Seventh</u> Revised Sheet No. 60 Page 5 of 6

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LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

## TERM OF SERVICE

The street lighting units are installed for the life of the unit, and then its terminable on one hundred twenty (120) days written notice by either customer or Company subject to Paragraph 4 or 6 under General Conditions.

# GENERAL CONDITIONS

- (1) If the customer requires the installation of a unit at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (2) Installation of street lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or other consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the street lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.
- (3) The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these street light units for such reason.
- (4) If an installed street lighting unit is required to be relocated, removed, or replaced with another unit of the same or less rated lamp wattage, the ordering Authority shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (5) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by and at the expense of the Company.

In cases of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

(6) When a street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the

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# Schedule L-2.2 Page 50 of 152 Responsible Witness: Bruce Sailers

Duke Energy Kentucky, Inc. 4580 Olympic Blvd.	KY.P.S.C. Electric No. 2 <u>Eighth</u> , Revised Sheet No. 60 Cancels and Supersedes <u>Seventh</u> , Revised Sheet No. 60	Formatted: Font: Times New Roman, 9 pt Formatted: Font: Times New Roman, 9 pt ted: Seventh
Erlanger, KY 41018	Page 6 of 6	Formatted: Font: Times New Roman, 9 pt
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customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

# SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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# Schedule L-2.2 Page 51 of 152 Responsible Witness: Bruce Sailers

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ł	4580 Olympic Blvd. Erlanger, KY 41018	Seventh Revised Sheet No. 61	(T) ted: Sixth
		Fage 1 012	
	RATE TL		
	TRAFFIC LIGHTING SERVIC	E	
	APPLICABILITY		
	Applicable to the supplying of energy for traffic signals or other tr	affic control lighting on public streets and	
	roads. After April 2, 1990, this tariff schedule shall only be applic		
	governments. In the application of this tariff, each point of del customer.	livery shall be considered as a separate	
	TYPE OF SERVICE		
	Alternating current 60 Hz, single phase at the Company's standard	i secondary voltage.	
	NET MONTHLY BILL		
	Computed in accordance with the following charges:		
	1. Base Rate		
L	(a) Where the Company supplies energy only, all kilow	att-hours shall be billed at \$0.042590, per.	Deleted; 38066
Ċ	kilowatt-hour;		Formatted: Right: -0.21"
	(b) Where the Company supplies energy from a separatel	w motored source and the Company has	<u> </u>
	agreed to provide limited maintenance for traffic signal er		
l	at \$0.023583 per kilowatt-hour.	• • •	Deleted: 21078
	(c) Where the Company supplies energy and has agreed to	provide limited maintenance for traffic	
	signal equipment, all kilowatt-hours shall be billed at \$0.0		Deleted: 59145
	<ol><li>Applicable Riders The following riders are applicable pursuant to the specific te</li></ol>	arms contained within each rider	
	Sheet No. 76, Rider ESM, Environmental Surcharge Mecha		(11)
	Sheet No. 80, Rider FAC, Fuel Adjustment Clause		<u>(N)</u>
	Sheet No. 82, Rider PSM, Profit Sharing Mechanism		
	Sheet No. 125, Rider DCI, Distribution Capital Investment Ri Sheet No. 126, Rider FTR, FERC Transmission Cost Recon		<u>(N)</u>
ĺ			Deleted: Sheet No. 81, Rider MSR-E,
	LATE PAYMENT CHARGE		Merger Savings Credit Rider - Electric¶
	Payment of the Net Monthly Bill must be received in the Company the date the bill is mailed by the Company. When not so paid,		(11)
	Monthly Bill plus 5%, is due and payable.	the cross montally bill, which is the free	(T)
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I	TERM OF SERVICE One year, terminable thereafter on thirty (30) days written notice by	v either customer or Company	Deleted: 00005
	GENERAL CONDITIONS	y entiter outstomer or company.	Deleted: August 18, 2017
	(1) Billing will be based on the calculated kilowatt-hour consump	tion taking into consideration the size and	Deleted: August 30, 2017
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l	Commission dated, 2017 in Case No. 2017-00321, (T	<b>)</b>	
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## Schedule L-2.2 Page 52 of 152 Responsible Witness: Bruce Sailers

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Duke Energy Kentucky, Inc.	Cancels and Supersedes	
4580 Olympic Blvd.	Seventh Revised Sheet No. 61	
Erlanger, KY 41018	Page 2 of 2	/

characteristics of the load.

- (2) Where the average monthly usage is less than 110 kWh per point of delivery, the customer shall pay the Company, in addition to the monthly charge, the cost of providing the electric service on the basis of time and material plus overhead charges. An estimate of the cost will be submitted for approval before the work is carried out.
- (3) The location of each point of delivery shall be mutually agreed upon by the Company and the customer. In overhead distribution areas, the point of delivery shall be within 150 feet of existing secondary wiring. In underground distribution areas, the point of delivery shall be at an existing secondary wiring service point.
- (4) If the customer requires a point of delivery which requires the extension, relocation, or rearrangement of Company's distribution system, the customer shall pay the Company, in addition to the monthly charge, the cost of such extension, relocation, or rearrangement on the basis of time and material plus overhead charges unless, in the judgment of the Company, no payment shall be made. An estimate of the cost will be submitted for approval before work is carried out.

#### LIMITED MAINTENANCE

Limited maintenance for traffic signals is defined as cleaning and replacing lamps, and repairing connections in wiring which are of a minor nature. Limited maintenance for traffic controllers is defined as cleaning, oiling, adjusting and replacing contacts which are provided by customer, time-setting when requested, and minor repairs to defective wiring.

#### SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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# Schedule L-2.2 Page 53 of 152 Responsible Witness: Bruce Sailers

 KY. P.S.C. Electric No. 2

 Eighth, Revised Sheet No. 62

 Duke Energy Kentucky, Inc.

 Cancels and Supersedes

 4580 Olympic Blvd.

 Erlanger, KY 41018

 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 preset 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 R	ate				
Ali kWh		\$0.0 <u>41936</u> per kWh		Deleted: 37481	
2. Applica	do Pidore		,	Formatted: Font: 10 pt	
	<ol> <li>Applicable Riders The following riders are applicable pursuant to the specific terms contained within each</li> </ol>				
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	o. 76, Rider ESM, Environmental Surc		(N)	eleted: 4	
	o. 80, Rider FAC, Fuel Adjustment Cla o, 125, Rider DCI, Distribution Capital			e <b>leted:</b> 00005	
	o. 82, Rider PSM, Profit Sharing Mech		<u>(N)</u>	aleted: August 18, 2017	
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# Schedule L-2.2 Page 54 of 152 **Responsible Witness: Bruce Sailers**

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018	KY. P.S.C. Electric No. 2 <u>Eighth</u> Revised Sheet No. 62 Cancels and Supersedes <u>Seventh</u> Revised Sheet No. 62 Page 2 of 2	(T) }{(T)	: Sixth
LATE PAYMENT CHARGE Payment of the Net Monthly Bill must	ERC Transmission Cost Reconciliation Rider be received in the Company's office within twenty-one (21) by the Company. When not so paid, the Gross Monthly Bill is due and payable.		eleted: Sheet No. 81, Rider MSR-E, erger Savings Credit Rider – Electric¶
OWNERSHIP OF SERVICE LINES			

Company will provide, install, own, operate and maintain the necessary facilities for furnishing electric service to the System defined in the agreement. If the customer requires the installation of a System at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

The Company shall erect the service lines necessary to supply electric energy to the System within the limits of the public streets and highways or on private property as mutually agreed upon by the Company and the customer. The customer shall assist the Company, if necessary, in obtaining adequate written easements covering permission to install and maintain any service lines required to serve the System.

The Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with lighting output or with service lines or wires of the Company used for supplying electric energy to the System. The customer shall assist the Company, if necessary, in obtaining permission to trim trees where the Company is unable to obtain such permission through its own best efforts.

## SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission.

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Issued: September 1, 2017 Effective: October 1, 2017 Issued by James P. Henning, President

## Schedule L-2.2 Page 55 of 152 **Responsible Witness: Bruce Sailers**

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## RATE OL-E OUTDOOR LIGHTING EQUIPMENT INSTALLATION

#### APPLICABILITY

Applicable for the installation of any street or outdoor area lighting system (System) on private or public property and owned by the Company. The customer must be adjacent to an electric power line of the Company that is adequate and suitable for supplying the necessary electric service.

Service for the System under this tariff shall require a written agreement between the Customer and the Company. The System shall comply with the connection requirements in the Company's Electric Service Regulations, Section III, Customer's Installations and Section IV, Company's Installations.

A separate written agreement is required for the electrical energy consumed by this lighting system.

#### CONTRACT FOR SERVICE

The Customer will enter into an Outdoor Lighting Equipment Agreement, herein 'Agreement', with the Company for an initial term not to exceed ten years and automatically renewable annually thereafter. Termination by either party shall require 120 days advance written notice. The Agreement shall specify the lighting equipment to be installed and owned by the Company, the term of the agreement, itemized monthly charges for the equipment, maintenance terms, and any other necessary information.

The initial Agreement will include two specific monthly charges: a monthly System Charge based on the Company's cost of purchasing and installing the System (Installed Cost), and a monthly Maintenance Charge. The monthly System Charge will end with the expiration of the initial Agreement term while the monthly Maintenance Charge will continue for the life of the System. When the Agreement is terminated by Customer request before initial term expiration, the Customer must reimburse the Company the sum of all remaining monthly System Charges for the initial term of the Agreement, minus salvage value as determined by the Company.

The System Charge is determined by applying the current Levelized Fixed Charge Rate (LFCR), to the Company's cost of purchasing and installing the System. The Customer agrees to the resulting monthly charge that is dependent on the initial term length of the Agreement. The initial term length is the Customer's choice up to and including ten years. The Customer may make an up-front payment that will be applied against the Installed Cost and will thereby reduce the monthly System Charge.

The monthly Maintenance Charge covers estimated equipment maintenance costs as specified in the Agreement, including the ongoing costs of ownership such as administration, taxes and insurance. The Agreement allows for re-evaluation and possible adjustment to the maintenance monthly charges every three years.

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# Schedule L-2.2 Page 56 of 152 Responsible Witness: Bruce Sailers

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## LEVELIZED FIXED CHARGE CALCULATION

The annual Levelized Fixed Charge Rate percentage is calculated as follows:

LFCR = 
$$r+d+(\frac{T}{1-T}) \times (r+d-D) \times (\frac{r-i}{r})$$

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

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_\_in Case No. 2017-00321.

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# Schedule L-2.2 Page 57 of 152 Responsible Witness: Bruce Sailers

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jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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Responsible Witness: Bruce Sailers
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# RATE LED

# LED OUTDOOR LIGHTING ELECTRIC SERVICE

## **APPLICABILITY**

Duke Energy Kentucky, Inc.

4580 Olympic Blvd. Erlanger, KY 41018

(N) (N) To any customer for the sole purpose of lighting roadways or other outdoor land use areas with LED (N) technology fixtures; served from Company fixtures of the LED type available under this rate schedule. (N) 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 (N) Company to any such third party. (N) (N)Service under this tariff schedule shall require a written agreement between the customer and the (N) Company specifying the calculated lighting kilowatt-hours. The LED System shall comply with the (N) connection requirements in the Company's Electric Service Regulations, Section III and Section IV, (N) Customer's and Company's Installations respectively. (N) CHARACTER OF SERVICE (N) Automatically controlled lighting service (i.e., photoelectric cell, or digitally controlled node); alternating (N) current, 60 cycle, single phase, at the Company's standard voltage available. This service may include (N) "smart" lighting technologies, at the sole discretion of the Company. (N) (N) The Company will provide unmetered electric service based on the calculated annual energy usage for (N) 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 (N) agreement between the customer and Company. The monthly kilowatt-hour amount will be billed at the (N) rate contained in the NET MONTHLY BILL section below. (N) (N) NET MONTHLY BILL (N)Computed in accordance with the following charges: (N) (N) 1. Base Rate \$0.041936 per kWh (N) All kWh (N) The rate shown above includes a charge of \$0.023837 per kilowatt-hour reflecting the base cost of (N) fuel. (N) (N) 2. Applicable Riders (N) The following riders are applicable pursuant to the specific terms contained within each rider: (N)

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider Sheet No. 80, Rider FAC, Fuel Adjustment Clause Sheet No. 82, Rider PSM, Profit Sharing Mechanism Sheet No. 125, Rider DCI, Distribution Capital Investment Rider Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider

Issued by authority of an Order of the Kentucky Public Service Commission dated in Case No. 2017-00321

Issued:	September 1, 2017
Effective:	October 1, 2017
Issued by:	James P. Henning, President

(N)

# NET MONTHLY BILL (Contd.)

3.	Monthly	Maintenance.	Fixture,	, and Pole Charges:

I. Fixtures			<u>P</u>	er Unit Per N	<u>Aonth</u>	
Billing Type	Description	<u>initial</u> Lumens	Lamp Wattage	<u>Monthly</u> <u>kWh</u>	<u>Fixture</u>	Maintenance
LF-LED-50W-SL-BK-MW	50W Standard LED-BLACK	<u>4,521</u>	<u>50</u>	<u>17</u>	<u>\$5,44</u>	\$4.38
LF-LED-70W-SL-BK-MW	70W Standard LED-BLACK	<u>6,261</u>	<u>70</u>	<u>24</u>	<u>\$5.43</u>	<u>\$4.38</u>
LF-LED-110W-5L-BK-MW	110W Standard LED-BLACK	<u>9,336</u>	<u>110</u>	<u>38</u>	<u>\$6.16</u>	<u>\$4.38</u>
LF-LED-150W-SL-BK-MW	150W Standard LED-BLACK	<u>12,642</u>	<u>150</u>	<u>52</u>	<u>\$8.16</u>	<u>\$4.38</u>
LF-LED-220W-5L-BK-MW	220W Standard LED-BLACK	<u>18,641</u>	220	<u>76</u>	<u>\$9.25</u>	<u>\$5.34</u>
LF-LED-280W-5L-BK-MW	280W Standard LED-BLACK	24,191	280	<u>97</u>	<u>\$11.38</u>	<u>\$5.34</u>
LF-LED-50W-DA-BK-MW	50W Deluxe Acorn LED-BLACK	<u>5,147</u>	<u>50</u>	<u>17</u>	<u>\$15.87</u>	<u>\$4.38</u>
LF-LED-50W-AC-BK-MW	50W Acorn LED-BLACK	<u>5,147</u>	<u>50</u>	<u>17</u>	<u>\$14.30</u>	<u>\$4.38</u>
LF-LED-50W-MB-BK-MW	SOW Mini Bell LED-BLACK	<u>4,500</u>	<u>50</u>	17	<u>\$13.48</u>	<u>\$4.38</u>
LF-LED-70W-BE-BK-MW	70W Bell LED-BLACK	<u>5,508</u>	<u>70</u>	<u>24</u>	<u>\$17.17</u>	<u>\$4.38</u>
LF-LED-50W-TR-BK-MW	50W Traditional LED-BLACK	<u>3,230</u>	<u>50</u>	<u>17</u>	<u>\$10.36</u>	<u>\$4.38</u>
LF-LED-50W-OT-BK-MW	50W Open Traditional LED-BLACK	<u>3,230</u>	<u>50</u>	<u>17</u>	<u>\$10.36</u>	<u>\$4.38</u>
LF-LED-50W-EN-BK-MW	50W Enterprise LED-BLACK	<u>3,880</u>	<u>50</u>	<u>17</u>	<u>\$13.93</u>	<u>\$4.38</u>
LF-LED-70W-ODA-BK-MW	70W LED Open Deluxe Acorn	<u>6,500</u>	<u>70</u>	<u>24</u>	<u>\$15.48</u>	<u>\$4.38</u>
LF-LED-150W-TD-BK-MW	150W LED Teardrop	<u>12,500</u>	<u>150</u>	<u>52</u>	<u>\$20.78</u>	<u>\$4.38</u>
LF-LED-50W-TDP-BK-MW	50W LED Teardrop Pedestrian	<u>4,500</u>	<u>50</u>	<u>17</u>	<u>\$16.86</u>	<u>\$4.38</u>
220W LED SHOEBOX	220W LED Shoebox	<u>18,500</u>	220	<u>76</u>	<u>\$14.39</u>	<u>\$5.34</u>
LF-LED-SOW-SL-BK-MW	LED 50W 4521 LUMENS STANDARD LED BLACK TYPE III 4000K	<u>4,521</u>	<u>50</u>	<u>17</u>	<u>\$5.44</u>	<u>\$4.38</u>
LF-LED-70W-SL-BK-MW	LED 70W 6261 LUMENS STANDARD LED BLACK TYPE III 4000K	<u>6,261</u>	<u>70</u>	<u>24</u>	<u>\$5.43</u>	<u>\$4.38</u>
LF-LED-110W-SL-BK-MW	LED 110W 9336 LUMENS STANDARD LED BLACK TYPE III 4000K	<u>9,336</u>	<u>110</u>	<u>38</u>	<u>\$6.16</u>	<u>\$4.38</u>
LF-LED-150W-5L-BK-MW	LED 150W 12642 LUMENS STANDARD LED BLACK TYPE III 4000K	<u>12,642</u>	<u>150</u>	<u>52</u>	<u>\$8.16</u>	<u>\$4.38</u>
LF-LED-150W-SL-IV-BK- MW	LED 150W 13156 LUMENS STANDARD LED TYPE IV BLACK 4000K	<u>13,156</u>	<u>150</u>	<u>52</u>	<u>\$8.16</u>	<u>\$4.38</u>
LF-LED-220W-SL-BK-MW	LED 220W 18642 LUMENS STANDARD LED BLACK TYPE III 4000K	<u>18,642</u>	<u>220</u>	<u>76</u>	<u>\$9.25</u>	<u>\$5.34</u>
LF-LED-280W-SL-BK-MW	LED 280W 24191 LUMENS STANDARD LED BLACK TYPE III 4000K	<u>24,191</u>	<u>280</u>	<u>97</u>	<u>\$11.38</u>	<u>\$5.34</u>
LF-LED-SOW-DA-BK-MW	LED SOW DELUXE ACORN BLACK TYPE III 4000K	<u>5,147</u>	<u>so</u>	<u>17</u>	<u>\$15.87</u>	<u>\$4.38</u>
LF-LED-70W-ODA-BK-MW	LED 70W OPEN DELUXE ACORN BLACK	<u>6,500</u>	<u>70</u>	<u>24</u>	<u>\$15.48</u>	<u>\$4.38</u>

Commission date	ed in Case No. 2017-00321
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Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018

LF-LED-50W-AC-BK-MW	LED 50W ACORN BLACK TYPE III 4000K	<u>5,147</u>	<u>50</u>	<u>17</u>	<u>\$14.30</u>	<u>\$4.38</u>
LF-LED-50W-MB-BK-MW	LED 50W MINI BELL LED BLACK TYPE III	<u>4,500</u>	<u>50</u>	<u>17</u>	<u>\$13.48</u>	<u>\$4.38</u>
	4000K MIDWEST					
LF-LED-70W-BE-BK-MW	LED 70W 5508 LUMENS SANIBELL BLACK	<u>5,508</u>	<u>70</u>	<u>24</u>	<u>\$17.17</u>	<u>\$4.38</u>
	<u>TYPE III 4000K</u>					
LF-LED-50W-TR-BK-MW	LED 50W TRADITIONAL BLACK TYPE III	<u>3,303</u>	<u>50</u>	<u>17</u>	<u>\$10.36</u>	<u>\$4.38</u>
	4 <u>000K</u>					
LF-LED-50W-OT-BK-MW	LED 50W OPEN TRADITIONAL BLACK	<u>3,230</u>	<u>50</u>	<u>17</u>	<u>\$10.36</u>	<u>\$4.38</u>
	<u>TYPE III 4000K</u>					
LF-LED-50W-EN-BK-MW	LED 50W ENTERPRISE BLACK TYPE III	<u>3,880</u>	<u>50</u>	<u>17</u>	<u>\$13.93</u>	<u>\$4.38</u>
	<u>4000K</u>					
LF-LED-150W-TD-BK-MW	LED 1SOW LARGE TEARDROP BLACK TYPE	12,500	<u>150</u>	<u>52</u>	<u>\$20.78</u>	<u>\$4.38</u>
	<u>111 4000K</u>					
LF-LED-50W-TDP-BK-MW	LED 50W TEARDROP PEDESTRIAN BLACK	<u>4,500</u>	<u>50</u>	<u>17</u>	<u>\$16.86</u>	<u>\$4.38</u>
	TYPE III 4000K					
LF-LED-220W-SB-BK-MW	LED 220W SHOEBOX BLACK TYPE IV	<u>18,500</u>	<u>220</u>	<u>76</u>	<u>\$14.39</u>	<u>\$5.34</u>
	<u>4000K</u>					
LF-LED-150W-BE-BK-MW	150W Sanibel	<u>39,000</u>	<u>150</u>	<u>52</u>	<u>\$17.17</u>	<u>\$4.38</u>
LF-LED-420W-5B-BK-MW	420W LED Shoebox	<u>39,078</u>	<u>420</u>	<u>146</u>	<u>\$21.47</u>	<u>\$5.34</u>
LF-LED-50W-NB-GY-MW	50W Neighborhood	<u>5,000</u>	<u>50</u>	<u>17</u>	<u>\$4.43</u>	<u>\$4.38</u>
LF-LED-50W-NBL-GY-MW	50W Neighborhood with Lens	<u>5,000</u>	<u>50</u>	<u>17</u>	<u>\$4.62</u>	<u>\$4.38</u>

<u>II. Poies</u>	-	-
<u>Billing Type</u>	Description	<u>Charge per Month</u> per Unit
LP-12-C-PT-AL-AB-TT-BK-MW	12' C-Post Top- Anchor Base-Black	<u>\$10.68</u>
LP-25-C-DV-AL-AB-TT-BK-MW	25' C-Davit Bracket- Anchor Base-Black	<u>\$28.10</u>
LP-25-C-BH-AL-AB-TT-BK-MW	25' C-Boston Harbor Bracket- Anchor Base-Black	<u>\$28.40</u>
LP-12-E-AL-AB-TT-BK-MW	12' E-AL - Anchor Base-Black	<u>\$10.68</u>
15310-40FTALEMB-OLE	35' AL-Side Mounted-Direct Buried Pole	<u>\$18.08</u>
15320-30FTALAB-OLE	30' AL-5ide Mounted-Anchor Base	<u>\$13.93</u>
15320-35FTALAB-OLE	35' AL-5ide Mounted-Anchor Base	<u>\$13.55</u>
15320-40FTALAB-OLE	40' AL-Side Mounted-Anchor Base	<u>\$16.76</u>
POLE-30-7	30' Class 7 Wood Pole	<u>\$6.62</u>
POLE-35-5	35' Class 5 Wood Pole	<u>\$7.20</u>
POLE-40-4	40' Class 4 Wood Pole	<u>\$10.84</u>
POLE-45-4	45' Class 4 Wood Pole	<u>\$11.24</u>
15210-20BRZSTL-OLE	20' Galleria Anchor Based Pole	<u>\$9.55</u>
15210-30BRZ5TL-OLE	30' Galleria Anchor Based Pole	<u>\$11.30</u>
15210-35BRZSTL-OLE	35' Galleria Anchor Based Pole	<u>\$32.49</u>

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 Commission dated
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LP-12-A-AL-AB-TT-BK-MW	MW-Light Pole-12' MH- Style A-Aluminum-Anchor Base-Top Tenon-Black	<u>\$6.47</u>
LP-12-A-AL-DB-TT-BK-MW	MW-Light Pole-Post Top-12' MH- Style A-Alum-Direct Buried-Top Tenon- Black	<u>\$5.54</u>
LP-15-A-AL-AB-TT-BK-MW	Light Pole-15' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	\$6.66
LP-15-A-AL-DB-TT-BK-MW	Light Pole-15' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	<u>\$5.77</u>
LP-20-A-AL-AB-TT-BK-MW	Light Pole-20' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	\$6.99
LP-20-A-AL-DB-TT-BK-MW	Light Pole-20' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	<u>\$10.71</u>
LP-25-A-AL-AB-TT-BK-MW	Light Pole-25' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	<u>\$8.28</u>
LP-25-A-AL-DB-TT-BK-MW	Light Pole-25' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	<u>\$11.93</u>
LP-30-A-AL-AB-TT-BK-MW	Light Pole-30' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	<u>\$9.79</u>
LP-30-A-AL-DB-TT-BK-MW	Light Pole-30' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	<u>\$13.28</u>
LP-35-A-AL-AB-TT-BK-MW	Light Pole-35' MH-Style A-Aluminum-Anchor Base-Top Tenon-Black	<u>\$11.30</u>
LP-35-A-AL-DB-TT-BK-MW	Light Pole-35' MH-Style A-Aluminum-Direct Buried-Top Tenon-Black	<u>\$14.35</u>
LP-12-B-AL-AB-TT-GN-MW	MW-Light Pole-12' MH- Style B Aluminum Anchor Base-Top Tenon Black Pri	<u>\$7.89</u>
LP-12-C-PT-AL-AB-TT-BK-MW	MW-Light Pole-12' MH-Style C-Post Top-Alum-Anchor Base-TT-Black Pri	\$10.68
LP-16-C-DV-AL-AB-TT-GN-MW	MW-LT Pole-16' MH-Style C-Davit Bracket-Alum-Anchor Base-TT-Black	<u>\$14.29</u>
LP-25-C-DV-AL-AB-TT-BK-MW	MW-Light Pole-25' MH-Style C-Davit Bracket-Alum-Anchor Base-TT-Black Pri	<u>\$28.10</u>
LP-16-C-BH-AL-AB-TT-GN-MW	MW-LT Pole-16' MH-Style C-Boston Harbor Bracket-AL-AB-TT-Black Pri	<u>\$11.46</u>
LP-25-C-BH-AL-AB-TT-BK-MW	MW-LT Pole-25' MH-Style C-Boston Harbor Bracket-AL-AB-TT-Black Pri	<u>\$28.40</u>
LP-12-D-AL-AB-TT-GN-MW	MW-LT Pole 12 Ft MH Style D Alum Breakaway Anchor Base TT Black Pri	\$10.57
LP-12-E-AL-AB-TT-BK-MW	MW-Light Pole-12' MH-Style E-Alum-Anchor Base-Top Tenon-Black	\$10.68
LP-12-F-AL-AB-TT-GN-MW	MW-Light Pole-12' MH-Style F-Alum-Anchor Base-Top Tenon-Black Prie	<u>\$11.44</u>
15210-20BRZSTL-OLE	MW-15210-Galieria Anchor Base-20FT Bronze Steel-OLE	<u>\$9.55</u>
15210-30BRZSTL-OLE	MW-15210-Galieria Anchor Base-30FT Bronze Steel-OLE	<u>\$11.30</u>
1S210-35BRZSTL-OLE	MW-15210-Galleria Anchor Base-35FT Bronze Steel-OLE	<u>\$32.49</u>
15310-40FTALEMB-OLE	MW-15310-35FT MH Aluminum Direct Embedded Pole-OLE	\$18.08
15320-30FTALAB-OLE	MW-15320-30FT Mounting Height Aluminum Achor Base Pole-OLE	<u>\$13.93</u>
153Z0-35FTALAB-OLE	MW-15320-35FT Mounting Height Aluminum Achor Base Pole-OLE	<u>\$13.55</u>
15320-40FTALAB-OLE	MW-15320-40FT Mounting Height Aluminum Achor Base Pole-OLE	<u>\$16.76</u>
POLE-30-7	MW-POLE-30-7	\$6.62
POLE-35-5	MW-POLE-35-S	<u>\$7.20</u>
POLE-40-4	MW-POLE-40-4	\$10.84
POLE-4S-4	MW-POLE-45-4	<u>\$11.24</u>

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4580 Olympic Blvd.	Original Sheet No. 64
Erlanger, KY 41018	Page 5 of 7

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TE PAYMENT O		
	<u>Net Monthly Bill must be received in the Company's office within twenty-one (21) days from</u> <u>I is mailed by the Company.</u> When not so paid, the Gross Monthly Bill, which is the Net	
	s 5%, is due and payable.	
Monthly bit pid	5 5 70, 18 Ude and payable.	
<b>WNERSHIP OF S</b>		
	provide, install, own, operate and maintain the necessary facilities for furnishing electric	
	System defined in the agreement. If the customer requires the installation of a System at a	
	requires the extension, relocation, or rearrangement of the Company's distribution system,	
	hall, in addition to the monthly charge, pay the Company on a time and material basis, plus	
	tes, the cost of such extension, relocation, or rearrangement, unless in the judgment of the	
	narge 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	
	treets and highways or on property as mutually agreed upon by the Company and the	
<u>customer.</u> The	customer shall assist the Company, if necessary, in obtaining adequate written easements	
covering permis	ssion to install and maintain any service lines required to serve the System.	
The Compony	aboli not be required to new few abtaining newslation to trive as a trive to see where such	
	shall not be required to pay for obtaining permission to trim or re-trim trees where such vith lighting output or with service lines or wires of the Company used for supplying electric	
	System. The customer shall assist the Company, if necessary, in obtaining permission to	
	e the Company is unable to obtain such permission through its own best efforts.	
ERMS OF SERVI		
	his rate schedule shall be for a minimum initial term of ten (10) years from the	
	t of service and shall continue thereafter until terminated by either party by sixty (60) days	
	r to termination. Upon early termination of service under this schedule, the customer shall	
	equal to the remaining monthly lease amount for the term of contract, applicable Customer moval cost of the facilities.	
Onarges and re	the variable of the radiaties.	
Special Provisio	ons:	
1. <u>The cu</u>	stomer shall execute a contract on the Company's standard filed contract form for service	
<u>under t</u>	his rate schedule.	
0 14/6-		
	the Company provides a LED fixture or pole type other than those listed above, the	
monung	charges, as applicable shall be computed as follows:	
1.	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.	
	Dala	
<u> </u>	Pole Bolo Charge: Based on the Company's systems installed east including	
	a. Pole Charge: Based on the Company's average installed cost including	
	an Order of the Kentucky Public Service	
mmission dated	in Case No. 2017-00321	

Commission date	11 Case NU. 2017-00321
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	overhead/loadings, applicable property tax, applicable income tax, depreciation and rate of return.
3.	The customer shall be responsible for the cost incurred to repair or replace any fixture or pole which has been willfully damaged. The Company shall not be required to make such repair or replacement or to make payment to the customer for damage.
4.	KWh consumption for Company-owned fixtures shall be estimated in lieu of installing meters. <u>Monthly kWh estimates will be made using the following formula:</u> <u>kWh = Unit Wattage x (4160 hours per year / 12 months) / 1,000 For equipment not listed</u> <u>above?</u>
5.	kWh consumption for customer-owned fixtures shall be metered. Installation of customer- owned lighting facilities shall be provided for by the customer.
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.
7.	The Company will repair or replace malfunctioning lighting fixtures maintained by the Company.
	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.
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.
10.	All new leased LED lighting shall be installed on poles owned by the Company.
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.
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.
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 2.1.(a) and/or 2.1I above.
The suppl	

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,

(N) (N)

(N)

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as filed with the Kentucky Public Service Commission, as provided by law.

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# Schedule L-2.2 Page 66 of 152 Responsible Witness: Bruce Sailers

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<b>.</b>		Deleted: 2. Base Fuel Cost
$\overline{\mathbf{v}}$		Deleted: The rates per unit shown above
		Deleted: include \$0.023637 per kilowatt-hour reflecting the base cost of fuel.
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# Schedule L-2.2 Page 67 of 152 Responsible Witness: Bruce Sailers

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***************************************		Formatted: Font: Times New Roman, 10 pt
		Deleted: 1 GENERAL CONDITIONS (Contd.) Deleted: 1
		<ol> <li>If any Company owned lighting unit i required to be relocated, removed or replace with another unit of the same or lower lamp wattage, the customer ordering this shall pa the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charges should be made. An estimate of the cost wi be submitted for customer approval before work is carried out.¶</li> </ol>
		4. Installation of lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment consideration, all easements and rights-of- way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the lights, standards, anchors and/or servico wires. If such easements and rights-of-way cannot b so obtained, the Company shall have no
		obligation hereunder to install such units.¶ 5. The time within which the Company will be able to commence or to complete the services to be performed is dependent on th Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these light units for such reason.¶
		6. When a lighting unit reaches end of I 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 provide by the Company.¶
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# Schedule L-2.2 Page 68 of 152 Responsible Witness: Bruce Sailers

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018 KY.P.S.C. Electric No. 2 <u>Eighth</u> Revised Sheet No. 66 Cancels and Supersedes Seventh Revised Sheet No. 66 Page 1 of 3

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# RATE NSU

## STREET LIGHTING SERVICE NON-STANDARD UNITS

#### APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof, hereinafter referred to as customer for the lighting of public streets and roads with existing Company and Customer owned lighting fixtures. This service is not available for units installed after January 1, 1985.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule terminates, whichever occurs first.

#### TYPE OF SERVICE

All equipment owned by the Company will be maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps maintained by the Company within 48 hours after notification by the customer. The Company does not guarantee continuous lighting or electric service and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

#### NET MONTHLY BILL

The following monthly charge for each unit with lamp and luminaire, controlled automatically, will be assessed.

#### 1. Base Rate

A. Company owned

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	1. Boulevard units served underground	Watt	<u>kW/Unit</u>	<u>kWh</u>	<u>Rate/Unit</u>	•• .	Deleted: -
	a. 2,500 lumen Incandescent Series	148	0.148	616	\$10.32	()	Deleted: 7.16
1	b. 2,500 lumen Incandescent - Multiple	189	0.189	786	\$ <u>8.01</u> ,	_(1)	Deleted: 16.79
	2. Holophane Decorative fixture on 17 foot					1	Deleted: July 31, 2017
	fiberglass pole served underground with					•	Deleted: 005
	direct buried cable	050	0.000	1.045	<b>6</b> / <b>7 - 7</b>	(T)	Deleted: August 18
	a. 10,000 lumen Mercury Vapor	250	0.292	1,215	\$ <u>18.79</u> ,	( <b>)</b> ( <b>)</b>	Deleted: August 30
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# Schedule L-2.2 Page 69 of 152 Responsible Witness: Bruce Sailers

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]	NET MONTHLY BILL (Contd.) The cable span charge of \$0. <u>84</u> per each increme Rate/unit charge for each increment of secondary	wiring t					- Deleted: 75
		Lamp <u>Watt</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	Rate/Unit		
	<ol> <li>Street light units served overhead distribution</li> </ol>						
	<ul> <li>a. 2,500 lumen incandescent</li> <li>b. 2,500 lumen Mercury Vapor</li> <li>c. 21,000 lumen Mercury Vapor</li> </ul>	189 100 400	0.189 0.109 0.460	786 453 1,914	\$7.9 <b>4,</b> \$ <u>7.52,</u> \$ <u>11.93,</u>	(I) (I) (I)	Deleted: 7.10 Deleted: 6.72 Deleted: 10.66
	B. Customer owned						<u> </u>
		Lamp <u>Watt</u>	<u>kW/Uni</u>	Annual <u>kWh</u>	Rate/Unit		
	<ol> <li>Steel boulevard units served underground with limited maintenance by Company</li> <li>a. 2,500 lumen Incandescent – Series</li> <li>b. 2,500 lumen Incandescent – Multiple</li> </ol>	148 189	0.148 0.189	616 786		(1) (1)	Deleted: 5.44 Deleted: 6.92
	2. Base Fuel Cost The rates per unit shown above include \$0.023837 per	er kilow	att-hour refi	ecting the ba	use cost of fuel.		
	<ol> <li>Applicable Riders         The following riders are applicable pursuant to the sp Sheet No. 76, Rider ESM, Environmental Surcharge f Sheet No. 80, Rider FAC, Fuel Adjustment Clause     </li> <li>Sheet No. 82, Rider PSM, Profit Sharing Mechanism Sheet No. 125, Rider DCI, Distribution Capital Investor Sheet No. 126, Rider FTR, FERC Transmission Cost</li> </ol>	Mechan nent Ric	<u>ism Rider</u> ier		ch rider:	.(	N) D <b>Deleted:</b> Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider - Electric¶ N)
	LATE PAYMENT CHARGE Payment of the Net Monthly Bill must be received in t the date the bill is mailed by the Company. When Monthly Bill plus 5%, is due and payable.					; from	(T)
	TERM OF SERVICE The street lighting units are installed for the life of th written notice by either customer or Company subject					days	(T) (Deleted: July 31, 2017
	GENERAL CONDITIONS (1) If an installed street lighting unit is required to be	e reloca	ited, remov	ed, or replac	ed with another u	unit of	Deleted: August 16 Deleted: August 30
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# Schedule L-2.2 Page 70 of 152 Responsible Witness: Bruce Sailers

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Erlanger, KY 41018	Page 3 of 3	( <u></u> )

the same or less rated lamp wattage, the ordering Authority shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

(2) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by, and at the expense of, the Company.

## **GENERAL CONDITIONS (Contd.)**

In case of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

- (3) When a Company owned street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.
- (4) When a customer owned lighting unit becomes inoperative, the cost of repair or replacement of the unit will be at the customer's expense. The replacement unit shall be an approved Company fixture.
- (5) Limited maintenance by the Company includes only fixture cleaning, relamping, and glassware and photo cell replacement.

#### SERVICE REGULATIONS

Issued by James P. Henning, President

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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# Schedule L-2.2 Page 71 of 152 Responsible Witness: Bruce Sailers

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Ť <u>HIS SHEET IS C</u>	ANCELLED AND WITHDRAWN,	4 4 4 4 4	Deleted: <object> Deleted: <object> Deleted: APPLICABILITY¶ Applicable to service for outdoor lighting on private property with Company-owned lighting fixtures in the Company's entire territory where secondary distribution lines are adjacent to the premise to be served. Not applicable to service for lighting of dedicated or undedicated public thoroughfares.¶</object></object>
			<ul> <li>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 Haltie or Sodium Vapor fixtures as the customer chooses.</li> <li>This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE) Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2016. Customers currently being provided service under this rate schedule to the facilities or this rate schedule terminates, whichever occurs first.</li> <li>Formatted: Centered</li> <li>Deleted: All equipment will be installed, owned and maintained by the Company on rights-of-way provided by the customer. The Company will perform maintenance only during</li> </ul>
			regularly scheduled working hours and will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for damage, loss or injur
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## Schedule L-2.2 Page 72 of 152 Responsible Witness: Bruce Sailers

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:

	Lamp		Annual		
1. Base Rate	<u>Watts</u>	<u>kW/Unit</u>	<u>kWh</u>	Rate/Unit	
Fixture Description					
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.193	803	\$ 4,69	(I) ·
10,000 lumen	250	0.275	1,144	\$ 5,96	(1)
21,000 lumen	400	0.430	1,789	\$ 8.28,	(1)
Metal Halide					
14,000 lumen	175	0.193	803	\$ 4.69	(1)
20,500 lumen	250	0.275	1,144	\$ <u>5.96</u>	(I)
36,000 lumen	400	0.430	1,789	\$ <u>8.28</u> ,	(1)

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NET MONTHLY BILL (Contd.)						С <u>ан наврат, часта ст</u> елица на сталица на сталица на сталица на стали на стали на стали на стали на стали на стали	
	Lamp <u>Watt</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	Rate/Unit			
Sodium Vapor							
9,500 lumen	100	0.117	487	\$ <u>5.64</u>	(I)	Deleted: 5.04	
16,000 lumen	150	0.171	711	\$ <u>6.29</u> ,	(I)	Deleted: 5.62	THE OTHER PROPERTY AND ADDRESS OF
22,000 lumen	200	0.228	948	\$ <u>6.90</u>	(1)	Deleted: 6.17	
27,500 lumen	250	0.228	948	\$ <u>6.90</u> ,	(I)		
50,000 lumen	400	0.471	1,959	\$ <u>9.35</u>	Ο	Deleted: 6.17	
Decorative Fixture						Deleted: 8.36	
Mercury Vapor			<b>-</b>		(T)		
7,000 lumen (Holophane)	175	0.210	874	\$ <u>5,95</u>	(I)	Deleted: 5.32	ethiopathoassessessessessor
7,000 lumen (Town & Country)	175	0.205	853	\$ <u>5.90</u>	(I)	Deleted: 5.27	
7,000 lumen (Gas Replica)	175	0.210	874	\$ <u>5.95</u> ,	<u>(</u> )	Deleted: 5.32	enni Mani prei infedera i de la sur
7,000 lumen (Aspen)	175	0.210	874	\$ <u>5.95</u>	(I)	Deleted: 5 32	an in a subject of the state of
Metal Halide							
14,000 lumen (Traditionaire)	175	0.205	853	\$ <u>5.90</u>	(I) .	Deleted: 5.27	
14,000 lumen (Granville Acom)	175	0.210	874	\$ <u>5.95</u>		Deleted: 5.32	
14,000 lumen (Gas Replica)	175	0.210	874	\$ <u>5.95</u> ,	(1)	Deleted: 5.32	
Sodium Vapor	400	0.447	407	<b>•</b> • • • •	(1)		
9,500 lumen (Town & Country)	100	0.117	487	\$ <u>5.55</u>	(I) (D)	Deleted: 4,96	-
9,500 lumen (Traditionaire)	100	0.117	487	\$ <u>5.55</u>	. <u>(I)</u> .	Deleted: 4.96	
9,500 lumen (Granville Acorn)	100 100	0.128 0.117	532	\$ <u>5.80</u>	(I) (I)	Deleted: 5.18	AND DESCRIPTION OF STREET, STRE
9,500 lumen (Rectilinear)	100	0.117	487	\$ <u>5.55</u>	(I) (I)	Deleted: 4.96	
9,500 lumen (Aspen)	100	0.128	532 532	\$ <u>5.80</u> \$5.80	<u>(I)</u>		
9,500 lumen (Holophane) 9,500 lumen (Gas Replica)	100	0.128	532 532	ֆ <u>5.80</u> , ֆ.5.80,	(l) (I)	Deleted: 5,18	WED MINISTER PARTY AND ADDRESS
22,000 lumen (Gas Replica)	200	0.128	1,023	· · · · · ·		Deleted: 5.18	
50,000 lumen (Rectilinear)	200 400	0.246	1,023	\$ <u>7.32</u> \$ <u>9.68</u>	(I) (I)	Deleted: 5.18	
	400	0.471	1,372	4 0.UUL	(1)	· ·	

Where a street lighting fixture served overhead is to be installed on another utility's pole on which the Company does not have a contact, a monthly pole charge will be assessed.

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Pole Description	Pole Type	Rate/Pole	Deleted: 34
Wood			Formatted: Font: 10 pt
30 foot	W30	<b>\$ 4.86</b>	Deleted: 40
35 foot	W35	\$ 4.92	Formatted: Font: 10 pt
40 foot	W40	\$ 5. <u>90</u>	Deleted: 27
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Commission dated, in Case No. 2017-0		······································	
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Effective: <u>October 1</u> , 2017 Issued by James P. Henning, President	<b>(T)</b> <sup>-</sup>		

# Schedule L-2.2 Page 74 of 152 Responsible Witness: Bruce Sailers

	KY.P.S.C. Electric No. 2	
	Eighth, Revised Sheet No. 68	Deleted: Seventh
Duke Energy Kentucky, Inc.	Cancels and Supersedes	
4580 Olympic Blvd.	Seventh, Revised Sheet No. 68	Deleted: Sixth
Erlanger, KY 41018	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 \$0.041936 per kilowatt-hour which includes the base fuel cost rate stated below. The monthly kilowatt-hour usage will be mutually agreed upon between the Company and the customer. Where the average monthly usage is less than 150 kWh per point of delivery, the customer shall pay the Company, in addition to the monthly charge, the cost of providing electric service on the basis of time and material plus overhead charges. An estimate of the cost will be submitted for approval before work is carried out.

# 2. Base Fuel Cost

The rates per unit shown above include \$0.023837 per kilowatt-hour reflecting the base cost of fuel.

- 3. Applicable Riders
- The following riders are applicable to the specific terms contained within each rider:
- Sheet No. 76. Rider ESM, Environmental Surcharge Mechanism Rider
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism
- Sheet No. 125, Rider DCI, Distribution Capital Investment Rider
- Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider

## LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

## TERM OF SERVICE

The street lighting units are installed for the life of the unit, terminable on one hundred twenty (120) days written notice by either customer or Company subject to Paragraph 4 or 6 under General Conditions.

#### **GENERAL CONDITIONS**

- (1) If the customer requires the installation of a unit at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (2) Installation of street lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or other consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the street lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.

# **GENERAL CONDITIONS (Contd.)**

Issued by authority of an Order of the Kentucky Public Service Commission dated, in Case No. 2017-00321,	
Issued: September 1, 2017	(T) (T)
Effective: <u>October 1,</u> 2017 Issued by James P. Henning, President	(T)

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# Schedule L-2.2 Page 75 of 152 Responsible Witness: Bruce Sailers

	KY.P.S.C. Electric No. 2	
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Duke Energy Kentucky, Inc.	Cancels and Supersedes	
4580 Olympic Blvd.	Seventh Revised Sheet No. 68	Deleted: Sixth
Erlanger, KY 41018	Page 4 of 4	<u> </u>

- (3) The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these street light units for such reason.
- (4) If an installed street lighting unit is required to be relocated, removed, or replaced by the Company, the ordering Authority shall pay the Company the cost agreed upon under a separate contract.
- (5) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by and at the expense of the Company.

In cases of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

- (6) When a customer owned lighting unit becomes inoperative the cost of repair, replacement or removal of the unit will be at the customer's expense.
- (7) All lights installed on an overhead distribution system will be installed by Company under a separate contract with customer.

## SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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# Schedule L-2.2 Page 76 of 152 Responsible Witness: Bruce Sailers

I		KY.P.S.C. Electric No. 2 Eighth, Revised Sheet No. 69	(T)	ted: Seventh
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1	Erlanger, KY 41018	Page 1 of 3		

## RATE SE

#### STREET LIGHTING SERVICE - OVERHEAD EQUIVALENT

#### APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof and incorporated homeowners associations for the lighting of public streets and roads with Company lighting fixtures in underground distribution areas, where the customer elects to make a contribution for the installation of the fixture, mounting, pole and secondary wiring to obtain the rate/unit for the same size standard fixture (cobra head) in an overhead distribution area.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

#### TYPE OF SERVICE

All equipment will be installed, owned and maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

#### NET MONTHLY BILL

The following monthly charge for each lamp with luminaire, controlled automatically, will be assessed:

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Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_, 2017 in Case No. 2017-00321.

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# Schedule L-2.2 Page 77 of 152 Responsible Witness: Bruce Sailers

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018			ancels and S	d Sheet No. 69	-	(T)       ted: Seventh         (T)       ted: Sixth
NET MONTHLY BILL (Contd.) 1. Base Rate						
1. Dase Rate	Lamp		Annual			
Fixture Description Decorative Fixtures Mercury Vapor	Watt	<u>kW/Unit</u>	<u>kWh</u>	Rate/Unit		
7,000 lumen (Town & Country)	175	0.205	853	\$ <u>8.16</u> ,	(I)	Deleted: 7.29
7,000 lumen (Holophane)	175	0.210	874	\$ 8.19	Û.	
7,000 lumen (Gas Replica)	175	0.210	874	\$ 8.19	(1)	Deleted: 7.32
7,000 lumen (Aspen)	175	0.210	874	\$ <u>8.19</u> ,	(İ)	Deleted: 7.32
Metal Halide					·· •-	Deleted: 7.32
14,000 lumen (Traditionaire)	175	0.205	853	\$ <u>8.16</u>	(I)	Deleted: 7.29
14,000 lumen (Granville Acorn)	175	0.210	874	\$ <u>8.19</u>	(I)	
14,000 lumen (Gas Replica)	175	0.210	874	\$ <u>8.19</u>	(I)	Deleted: 7.32
<u>Sodium Vapor</u>					•	Deleted: 7.32
9,500 lumen (Town & Country)	100	0.117	487	\$ <u>8.89</u>	(I)_	Deleted: 7.95
9,500 lumen (Holophane)	100	0.128	532	\$ <u>9.01</u> ,	(I)	
9,500 lumen (Rectilinear)	100	0.117	487	\$ <u>8.89</u>	(1)	Deleted: 8.05
9,500 lumen (Gas Replica)	100	0.128	532	\$ <u>9.00</u>	(I)"	Deleted: 7.95
9,500 lumen (Aspen)	100	0.128	532	\$ <u>9.00</u>	(I)	Deleted: 8.04
9,500 lumen (Traditionaire)	100	0.117	487	\$ <u>8.89</u>	(I).	
9,500 lumen (Granville Acorn)	100	0.128	532	\$ <u>9.00</u>	(I)	
22,000 lumen (Rectilinear)	200	0.246	1,023	\$ <u>12.78</u>	(I)	Deleted: 7.95
50,000 lumen (Rectilinear)	400	0.471	1,959	\$ <u>16.91</u>	(I) `	Deleted: 8.04
50,000 iumen (Setback)	400	0.471	1,959	\$ <u>16.91</u> ,	(Į) ·	Deleted: 11.42
Additional facilities, other than specified above,	the second second second		at the at the -	£ = HH		Deleted: 15.11
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2. Base Fuel Cost						Deleted: 15.11
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The rates per unit shown above include \$	0.023637 per	Kilowatt-no	ur reflecting	the base cost of fuel.		<u> </u>
2 Applicatile Didage						
3. Applicable Riders		-:		inter e e ele state es		
The following riders are applicable pursua				nin each rider:		
Sheet No. 76, Rider ESM, Environmental		lechanisin i	Rider			(N)
Sheet No. 80, Rider FAC, Fuel Adjustme						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Sheet No. 82, Rider PSM, Profit Sharing		7.60				Deleted: Sheet No. 81, Rider MSR-E,
Sheet No. 125, Rider DCI, Distribution Cr						Merger Savings Credit Rider - Electric¶
Sheet No. 126, Rider FTR, FERC Transn	hission Cost	Reconciliation	on Rider			(N)
						(N)
LATE PAYMENT CHARGE Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.						
TERM OF SERVICE						·
The street lighting units are installed for the life	e of the unit	terminable		dred twenty (120) dove		Deleted: July 31
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## Schedule L-2.2 Page 78 of 152 Responsible Witness: Bruce Sailers

	KY.P.S.C. Electric No. 2	(T)	
	Eighth, Revised Sheet No. 69		ted: Seventh
Duke Energy Kentucky, Inc.	Cancels and Supersedes	(T)	
4580 Olympic Blvd.	Seventh, Revised Sheet No. 69		ted: Sixth
Erlanger, KY 41018	Page 3 of 3	·	

## GENERAL CONDITIONS

- (1) If the customer requires the installation of a unit at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (2) Installation of street lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or other consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the street lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.
- (3) The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these street light units for such reason.
- (4) If an installed street lighting unit is required to be relocated, removed, or replaced with another unit of the same or less rated lamp wattage, the ordering Authority shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (5) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by and at the expense of the Company.

In cases of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

- (6) When a street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.
- (7) The contribution only provides for replacement of these facilities due to occasional damage or premature malfunction. It does not cover replacement at end of life.

#### SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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Commission dated, 2017 in Case No. 2017-00321.

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4580 Olympic Blvd.	Original Sheet No. 70	(-)
Erlanger, Kentucky 41018	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:

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Levelized Capital Cost is equal to the present value of all estimated capital related cash flows for a period corresponding to the time of engineering, design and installation of equipment through the term of the contract, adjusted to a pre-tax amount and converted to a uniform monthly payment for the term of the contract. The estimated capital cash flows shall include estimated installed cost of equipment, contingency allowances, salvage value, adjustment to reflect additional supporting investment of general plant nature, and income tax impacts.

Expenses shall equal the present value of estimated expenses associated with the support and maintenance of the generation and support equipment, adjusted to a pre-tax amount and converted to a uniform monthly payment for the term of the contract. The estimated expenses shall include administrative and general expenses, expenses for labor and materials related to operations and maintenance, third party expenses for operations and maintenance, warranties, insurance, annual costs associated with working capital, fuel inventory, depreciation, property tax, other costs related to the operation and support of the generator system installation, and income tax impacts ...

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The after tax cost of capital from the Company's most recent general rate case will be used to convert present values to uniform monthly payments.

Duke Energy Kentucky, Inc.	KY.P.S.C. Electric No. 2
4580 Olympic Blvd.	Original Sheet No. 70
Erlanger, Kentucky 41018	Page 2 of 2

# MONTHLY BILL

Customer's monthly bill for all services under this rider will appear on their regular monthly electric bill as a line item.

# CONTRACT

As provided in the Premier Power Service Agreement (Agreement), customer shall enter into a contract for Premier Power Service from the Company for an initial term of ten (10) years, or other term at the Company's option, and thereafter from year to year upon the condition that either party may terminate the contract by giving a minimum of ninety (90) days notice of such termination in writing, In the event of early termination of the Agreement under this program, the Customer may be required to pay the Company a termination fee as set forth in the Agreement.

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Issued by authority of an Order by the Kentucky Public Service Commission dated \_\_\_\_\_\_ in Case No. 2017-00321.

Issued: September 1, 2017,

Effective: October 1, 2017, Issued by James P. Henning, President /s/ James P. Henning \*

## Schedule L-2.2 Page 81 of 152 Responsible Witness: Bruce Sailers

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018 KY.P.S.C. Electric No. 2 Second, Revised Sheet No. 71 KY. P.S.C. Electric No. 2 First Revised Sheet No. 71 Page 1 of 1

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RIDER TS

#### TEMPORARY SERVICE

#### APPLICABILITY

Applicable to electric service of a temporary nature, where the standard residential or general service rates are effective for the application of this rider, for a period of less than one year and non-recurring, supplied in accordance with provisions of the appropriate rate currently in effect.

#### TYPE OF SERVICE

Service will be in accordance with the specifications of the standard applicable rate.

#### CHARGES

In addition to charges for service furnished under the applicable standard rate the customer will pay in advance the following charge:

Estimated unit cost of each service with supporting data to be filed with the Commission and updated annually by the utility.

#### TERM OF SERVICE

Temporary service hereunder will be rendered for a period not longer than six calendar months from the date of installation, provided however, the Company may, at its option, renew said temporary connection for an additional period of three months if required by the temporary need. At the expiration of said initial period or any renewal thereof, the Company may discontinue the service from the premise.

#### SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

Issued by authority of an Order of the Kentucky Public S	Service Commission datedin Case No. 2017-
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Issued: September 1, 2017,	Effective: October 1, 2017,
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## Schedule L-2.2 Page 82 of 152 Responsible Witness: Bruce Sailers

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 <u>First Revised</u> Sheet No. 72 Page 1 of 1

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## RIDER X

## LINE EXTENSION POLICY

#### APPLICABILITY

Applicable to electric service supplied in accordance with the provisions of the appropriate rate currently in effect, from the nearest available distribution lines of required type of service when it is necessary to extend such lines.

## EXTENSION PLAN

Extensions

When the estimated cost of extending the distribution lines to reach the customer's premise equals or is less than three (3) times the estimated gross annual revenue the Company will make the extension without additional guarantee by the customer over that applicable in the rate, provided the customer establishes credit in a manner satisfactory to the Company.

When the estimated cost of extending the distribution lines to reach the customer's premise exceeds three (3) times the estimated gross annual revenue, the customer may be required to guarantee, for a period of five (5) years, a monthly bill of one (1) percent of the line extension cost for residential service and two (2) percent for non-residential service.

When the term of service or credit have not been established in a manner satisfactory to the Company, the customer may be required to advance the estimated cost of the line extension in either of the above situations. When such advance is made the Company will refund, at the end of each year, for four (4) years, twenty-five (25) percent of the revenues received in any one year up to twenty-five (25) percent of the advance.

# SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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## Schedule L-2.2 Page 83 of 152 Responsible Witness: Bruce Sailers

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018

# RIDER LM

KY.P.S.C. Electric No. 2 Second Revised Sheet No. 73

Cancels and Supersedes

Page 1 of 2

First Revised Sheet No. 73

#### 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 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 heginning 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 heginning 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 property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsible for its property of the Company which shall be responsed to the company which shall be responsed to the company which shall be responsed to the company which shall be responsed to the company which shall be responsed to the company which shall be res

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# Schedule L-2.2 Page 84 of 152 Responsible Witness: Bruce Sailers

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installation, operation, maintenance, testing, replacement or			
C, When a customer elects the OFF PEAK PROVISION, the r	nonthly customer charge of the applicable		Peleted: D
Rate DS or DP will be increased by an additional month		Form	natted: Font: 10 pt
installed time-of-use or interval data recorder meter. In ad or DP shall be modified to the extent that the billing der		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
period," as defined above. However, in no case shall the		{ *>	atted: Font: 10 pt
demand as determined in accordance with the DEMAND pr DP, as modified.			:leted: II. For customers who meet the impany's criteria for the installation of a agnetic tape recording device for billing, d where electric service is furnished under
			e provisions of either Rate DS, Service at condary Distribution Voltage, or Rate DP,
			rvice at Primary Distribution Voltage.¶
TERMS AND CONDITIONS The term of contract for the Off Peak Provision shall be a minimum pe	eriod of one (1) year.	a	<b>Noved up [1]:</b> A. For purposes of dministration of this rider, the summer
The Company shall not be required to increase the capacity of any s demands. The Company reserves the right, upon 30 days notice to times during which on peak demands may be established.	customers affected, to change the time or	d n tt	eason, as stated above, is the period leginning with the meter reading date in the nonth of May and ending with the meter eading date in the month of September or ne period beginning June 1 and ending beptember 30, at the Company's option. he winter season consists of all other days
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the Kentucky Public Service Commission.		Deler w d a 1 F c b c c f f Deler Deler Deler Deler Deler Deler Deler Deler	ted: 1 B. The "off peak period" billing demand will be taken at fifty (50) percent of the lighest fifteen minute demand established uring the "off peak period," as defined bove. 1 C. When a customer elects this OFF PEAK PROVISION, the applicable monthly ustomer charge of Rate DS or Rate DP will e increased by an additional monthly harge of one hundred dollars (\$100.00). 1 The DEMAND provision of the [[1]] ted: December 21 ted: 06 ted: 06 ted: 0 ted: 0 ted: 0 ted: ulie Janson natted: Font: 10 pt
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## RIDER AMO

## ADVANCED METER OPT-OUT (AMO) - RESIDENTIAL

## APPLICABILITY

Applicable to residential customers served under Rate RS who request an electric meter that does not utilize radio frequency communications to transmit data provided that such a meter is available for use by the Company. At the Company's option, meters to be read manually may be either an advanced meter with the radio frequency communication capability disabled or other non-communicating meter. The meter manufacturer and model chosen to service the customer's premise are at the discretion of the Company and are subject to change at the Company's option, at any time. Rider AMO is optional and is available subject to the Terms and Conditions below.

# DEFINITION

"Advanced meter" means any electric meter that meets the pertinent engineering standards using digital technology and is capable of providing two-way communications with the electric utility to provide usage and/or other technical data.

#### CHARGES

Residential customers who elect, at any time, to opt-out of the Company's advanced metering infrastructure (AMI) system shall pay a one-time fee of \$100.00 and a recurring monthly fee of \$25.00. During the Metering Upgrade project deployment phase, if prior to an advanced meter being installed at a customer premise, any existing residential electric customer that elects to participate in this opt-out program, Duke Energy Kentucky will not charge the one-time set-up fee, providing the residential electric customer notifies the Company of such election in advance of the advanced meter being installed. Those residential customers electing to participate in this residential opt-out program will be subject to the ongoing \$25.00 per month ongoing charge. Following deployment completion, any residential customer who later elects to participate in the Opt-Out Program will be assessed the \$100 set-up fee in addition to the ongoing monthly charge.

## TERMS AND CONDITIONS

The Company shall have the right to refuse to provide advanced meter opt-out service in either of the following circumstances:

- (a) If the customer has a history of meter tampering or unauthorized use of electricity at the current or any prior location.
- (b) If such a service creates a safety hazard to consumers or their premises, the public, or the electric utility's personnel or facilities.
- (c) If a customer does not allow the electric utility's employees or agents access to the meter at the customer's premises for either maintenance, connection/disconnection, or meter-reading.

#### SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

Issued by authority of an Order by the Kentucky Public Service Commission dated <u>in Case No. 2017-00321</u> Issued: <u>September 1, 2017</u> Effective: <u>October 1, 2017</u> Issued by James P. Henning, President /s/ James P. Henning

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# Schedule L-2.2 Page 86 of 152 Responsible Witness: Bruce Sailers

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			ENVIRONMENTAL SURCHARGE MECHANISM RID	DER	(N) (N)	
	ble to all i	etail.	sales in the Company's electric service area beginning w	vith the billing month June 2018.	(N) (N) (N) (N)	Formatted: Underline
percent	onthly En	rever	nental Surcharge Factor (MESF) shall provide for m ues based on the difference between the environment nt period according to the following formula.		(N) (N) (N) (N) (N)	
	<u>S</u> (		Period Environmental Surcharge Factor (CESF) minus ge Factor (BESF)	s the Base Period Environmental	(N) (N) (N) (N) (N) (N)	
<u>Where;</u> (1)	CESF		e Current Period Environmental Revenue Requirem approved environmental compliance projects / Month			
	E(m)	=	The monthly amount of environmental compliance environmental compliance projects calculated as:	cost of Commission approved	(N) (N) (N) (N)	
	<u>E(m)</u> Where,		RORB + OE ~ EAS + Prior Period Adjustment + (Over	)Under Recovery	(N) (N) (N)	
-	RORB	=	<u>_(RB/12)*ROR</u>		(N) (N) (N)	Formatted: Underline
	RB	. <u> </u>	the Environmental Compliance Rate Base, defined applicable environmental projects adjusted for accumu deferred taxes, accumulated investment tax credits, inventory.	ulated depreciation, accumulated		(romated: ondernie
	ROR	=	the Rate of Return on the Environmental Complianc cost of debt and pretax cost of equity for environm approved by the Commission.		(N) (N) (N) (N) (N)	
	OE	=	the Operating Expenses, defined as the monthly de than income taxes, amortization expense, emis environmental reagent expense.		(N) (N) (N) (N)	

Issued by authority of an Order of the Kentucky Public Service Commission dated in Case No. 2017-00321.

Issued: September 1, 2017

Effective: October 1, 2018

# Schedule L-2.2 Page 87 of 152 Responsible Witness: Bruce Sailers

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×	EAS = proceeds from Emission Allowance Sales			Deleted:		
	Prior Period Adjustment is the amount resulting from the amortize Commission during six-month and two-year reviews	zation of amounts determined by the		Formatted: Underline		
	(Over) or Under Recovery is the one-month "true-up" adjustment,					
	<u>Monthly Kentucky Retail Revenue R(m) = the average monthly r</u> for the last 12 month period.	evenue, excluding all rider revenues,				
	The current expense month shall be the second month precedi billed.	ing the month in which the MESF is				
(2)	BESF is the Base Period Environmental Revenue Requireme approved environmental compliance projects.	nt associated with the Commission				
INITIAL FAC	TOR VALUES					
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The sup Kentuck	EGULATIONS, TERMS AND CONDITIONS plying and billing for service and all conditions applying thereto, y Public Service Commission, and to Company's Service Regula ic Service Commission of Kentucky.					

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_ in Case No. 2017-00321.

Issued: September 1, 2017

Effective: October 1, 2018

## Schedule L-2.2 Page 88 of 152 Responsible Witness: Bruce Sailers

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## RIDER BDP BACKUP DELIVERY POINT CAPACITY RIDER

# BACKUP DELIVERY POINT (TRANSMISSION/DISTRIBUTION) CAPACITY

The Company will normally supply service to one premise at one standard voltage at one delivery point and through one meter to a Non-Residential Customer in accordance with the provisions of the applicable rate schedule and the Electric Service Regulations. Upon customer request, Company will make available to a Non-Residential Customer additional delivery points in accordance with the rates, terms and conditions of this Rider BDP.

# NET MONTHLY BILL

1. Connection Fee

The Connection Fee applies only if an additional metering point is required and will be based on customer's most applicable rate schedule.

- 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:

- 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.
- 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.
- System electrical configurations based on Customer's initial delivery point will determine whether distribution and/or transmission charges apply to Customer's backup delivery point.
- 4. In the event that directly assigned facilities are necessary to attach Customer's backup delivery point to the joint transmission or distribution systems, Company shall install such facilities and bill Customer the Company's full costs for such facilities and installations.

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# SPECIAL TERMS AND CONDITIONS (Contd.)

- Energy supplies via any backup delivery point established under this Rider BDP will be supplied under the applicable rate tariff and/or special contract.
- Company and the Customer shall enter into a service agreement with a minimum term of five years. This service agreement shall contain the specific terms and conditions under which Customer shall take service under this Rider BDP.
- 7. Company does not guarantee uninterrupted service under this rider.

# SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission.

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## Schedule L-2.2 Page 90 of 152 Responsible Witness: Bruce Sailers

 KY. P.S.C. Electric No. 2

 Eighth Revised Sheet No. 80

 Duke Energy Kentucky

 Cancels and Supersedes

 4580 Olympic Blvd.

 Erlanger, Kentucky 41018

 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:

Fuel Cost Adjustment = 
$$\frac{F(m)}{S(m)} - \$0.023837$$
 per kWh

Where F is the expense of fuel in the second preceding month and S is the sales in the second preceding month, as defined below;

- (2) Fuel costs (F) shall be the cost of:
  - (a) Fossil fuel consumed in the Company's plants plus the cost of fuel which would have been used in plants suffering forced generation or transmission outages, but less the cost of fuel related to substitute generation, plus
  - (b) The actual identifiable fossil and nuclear fuel costs associated with energy purchased for reasons other than identified in paragraph (c) of this subsection, but excluding the cost of fuel related to purchases to substitute for the forced outages; plus
  - (c) The net energy cost of energy purchases, exclusive of capacity or demand charges (irrespective of the designation assigned to such transaction) when such energy is purchased on an economic dispatch basis. Included therein are such costs as the charges for economy energy purchases and the charges as a result of scheduled outage, all such kinds of energy being purchased by the Company to substitute for its own higher cost energy, and less
  - (d) The cost of fossil fuel recovered through inter-system sales including the fuel costs related to economy energy sales and other energy sold on an economic dispatch basis.
- (e) <u>The fuel-related charges and credits charged to the Company by a Regional Transmission</u> <u>Organization.</u> AVAILABILTY OF SERVICE (Contd.)

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_\_, in Case No. 2017-00321,

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## Schedule L-2.2 Page 91 of 152 Responsible Witness: Bruce Sailers

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- (f) All fuel costs shall be based on a weighted-average inventory costing. The cost of fossil fuel shall include no items other than the invoice price of fuel less any cash or other discounts. The invoice price of fuel includes the cost of fuel itself and necessary charges for transportation of fuel from the point of acquisition to the unloading point, as listed in Account 151 of the FERC Uniform System of Accounts for Public Utilities and Licensees.
- (g) As used herein, the term "forced outages" means all non-scheduled losses of generation or transmission which require substitute power for a continuous period in excess of six (6) hours. Where forced outages are not as a result of faulty equipment, faulty manufacture, faulty design, faulty installations, faulty operation, or faulty maintenance, but are Acts of God, riot, insurrection, or acts of the public enemy, then the Company may, upon proper showing, with the approval of the Commission, include the fuel cost of substitute energy in the adjustment.
- (3) Sales (S) shall be determined in kilowatt-hours as follows:

Add:

- (a) net generation
- (b) purchases
- (c) interchange in

#### Subtract:

- (d) inter-system sales including economy energy and other energy sold on an economic dispatch basis.
- (e) total system losses

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# Schedule L-2.2 Page 92 of 152 Responsible Witness: Bruce Sailers

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1		etail sales in the Company's electric service area, excluding interdepart with the billing month October, 2017.			Reptember he Applicable energy charges for ice shall be increased or
	decreased to the in the formula beli	nsis, the applicable energy charges for electric service shall be increa nearest \$0.000001 per kWh to reflect the sharing of <u>net proceeds as o</u> ow.	ised or iutlined	and ancillar of emission capacity tra	rofits on off-system power sales y services, the net profits on sales allowances and net margins on nsactions related to the acquisition East Bend Unit 2.¶
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## Schedule L-2.2 Page 93 of 152 Responsible Witness: Bruce Sailers

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#### SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission as provided by law.

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KY.P.S.C. Electric No. 2 Second Revised Sheet No.

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85 Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018

# 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.

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## Schedule L-2.2 Page 95 of 152 **Responsible Witness: Bruce Sailers**

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#### RIDER DIR

## DEVELOPMENT INCENTIVE RIDER

#### GENERAL

Under the terms of this Rider, qualifying customers are required to enter into a Special Contract with the Company which Special Contract shall be subject to approval by the Kentucky Public Service Commission. The Development Incentive Rider consists of two separate programs designed to encourage development and/or redevelopment within the Company's service territory. These two programs are the Economic Development Program and the Urban Redevelopment Program. Each of these programs is described below.

#### **PROGRAM DESCRIPTIONS**

Economic Development (ED) Program

Available, at the Company's option, to non-residential customers receiving service under the provisions of one of the Company's non-residential tariff schedules. The ED Program is available for load associated with initial permanent service to new establishments, expansion of existing establishments, or new customers in existing establishments who make application to the Company for service under the ED Program of this Rider and the Company approves such application. The new load applicable under the ED Program must be a minimum of 1,000 kW at one delivery point. To qualify for service under the ED Program, the customer must meet the qualifications as set forth below. Further, the customer must have applied for and received economic assistance from the State or local government or other public agency before the Company will approve a Service Agreement under the ED Program. Where the customer is new to the Company's service area or is an existing customer expanding:

- 1) the Company would expect the customer employ an additional workforce in the Company's service area of a minimum of twenty-five (25) full-time equivalent (FTE) employees per 1,000 kW of new load. Employment additions must occur following the Company's approval for service under this Rider, and;
- 2) the Company would expect that the customer's new load would result in capital investment of one million dollars (\$1,000,000) per 1,000 kW of new load, provided that such investment is accompanied by a net increase in FTE employees employed by the customer in the Company's service area. This capital investment must occur following the Company's approval for service under this Rider.

The Company may also consider applying the ED Program to an existing customer who, but for economic incentives being provided by the State and/or local government or public agency, would leave the Company's service area. In this event, the customer must agree, at a minimum, to retain the current number of FTE employees.

The ED Program is not available to a new customer which results from a change in ownership of an existing establishment. However, if a change in ownership occurs after the customer enters into a Special Contract for service under the ED Program, the successor customer may be allowed to fulfill the balance of the Special Contract under the ED Program. The ED Program is also not available for renewal of service following interruptions such as equipment failure, temporary plant shutdown,

# PROGRAM DESCRIPTIONS (Contd.)

strike, or economic conditions. The ED Program is not available for load shifted from one customer to another within the Company's service area.

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Erlanger, Kentucky 41018	Page 2 of 3

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#### Urban Redevelopment (UR) Program

Applicable to new customers locating in an existing building of 25,000 square feet or more, which has been unoccupied and/or remained dormant for a period of two years or more, as determined by the Company. The new customer load must be a minimum of 500 kW at one delivery point. In addition, the requested service necessary to serve the new load must not result in additional investment in distribution or transmission facilities by the Company, excepting that minor alterations in the service supplied which can be accomplished feasibly and economically may be allowed.

The UR Program is not available for renewal of service following interruptions such as equipment failure, temporary plant shutdown, strike, or economic conditions. The UR Program is also not available for load shifted from one establishment to another in the Company's service area. However, if a change of ownership occurs after the customer enters into a Special Contract under the UR Program, the successor customer may be allowed to fulfill the balance of the Special Contract under the UR Program.

#### NET MONTHLY BILLING

The customer shall comply with all terms of the standard tariff rate under which the customer takes service except that the customer's total bill for electric service, less any rate adjustment rider amounts as shown on the standard service tariff, shall be reduced by up to fifty (50) percent for a period of twelve (12) months. The customer will pay the full amount of the riders so indicated. The customer may request an effective date of the Rider which is no later than twelve (12) months after the Special Contract is approved and signed by the Company. All subsequent billings shall be at the appropriate full standard service tariff rate.

# TERMS AND CONDITIONS

The Service Agreement shall specify, among other things, the voltage at which the customer will be served, a description of the amount and nature of the new load and the basis on which the customer requests qualification under this Rider. The customer must affirm that the availability of this Rider was a factor in the customer's decision to locate the new load or retain current load in the Company's service area.

For customers entering into a Service Agreement under this Rider due to expansion, the Company may install, at customer's expense, metering equipment necessary to measure the new load to be billed under the provisions of this Rider separate from the customer's existing load which shall be billed under the applicable standard tariff schedule.

Following the effective date of the Special Contract, the customer must maintain a minimum demand in accordance with the Service Agreement and maintain a monthly average load factor of 40 percent. Failure to do so will result in the customer being billed a minimum bill based on the minimum demand specified in the Service Agreement and a monthly average load factor of 40 percent.

#### TERMS AND CONDITIONS (Contd.)

The customer shall continue to take service from the Company at the same or greater demand and usage levels for a period of at least two (2) years following the twelve (12) month incentive period. The customer shall be billed monthly for two (2) years following the twelve (12) month incentive period based on the greater of: (a) its actual monthly demand and usage levels; or (b) its average demand and usage levels during the twelve (12) month incentive period.

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## Schedule L-2.2 Page 97 of 152 Responsible Witness: Bruce Sailers

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Erlanger, Kentucky 41018	Page 3 of 3	

The terms of this rider do not prevent the Company from offering different terms under a special contract if the Company deems it appropriate. The Company is not obligated to extend, expand or rearrange its facilities if it determines that existing distribution/transmission facilities are of adequate capacity to serve the customer's load.

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's General Terms and Conditions currently in effect, as filed with the Kentucky Public Service Commission.

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Duke Energy Kentucky, Inc. 4580 Olympic Bivd. Erlanger, Kentucky 41018	KY.P.S.C. Electric No. 2 <u>Third</u> Revised Sheet No. 88 Cancels and Supersedes <u>Second</u> Revised Sheet No. 88 Page 1 of 2	(T) (T) : <u>Second</u> : <u>First</u>

## RIDER GP

#### DUKE ENERGY'S GoGREEN KENTUCKY GREEN POWER / CARBON OFFSET RIDER

#### APPLICABILITY

Applicable to any residential customer (Rate RS) who wishes to purchase "Green Power" and/or "Carbon Offsets" from Duke Energy's *GoGreen* Kentucky program. The pilot program will end December 31, 2012.

#### DEFINITION OF GREEN POWER AND CARBON OFFSETS

Green Power includes energy generated from renewable and/or environmentally friendly sources, including:

Wind, Solar Photovoltaic, Biomass Co-firing of Agricultural Crops and All energy crops, Hydro – as certified by the Low Impact Hydro Institute, Incremental Improvements in Large Scale Hydro, Coal Mine Methane, Landfill Gas, Biogas Digesters, Biomass Co-firing of All Woody Waste including mill residue, but excluding painted or treated lumber. Green Power includes the purchase of Renewable Energy Certificates.

Carbon Offsets are financial instruments representing a reduction in greenhouse gas emissions. One Carbon Credit represents the reduction of one metric ton of carbon dioxide (CO<sub>2</sub>) or its equivalent in other greenhouse gases. Each Carbon Offset available under this tariff represents a 500 pound (lbs) block reduction of CO<sub>2</sub> (approximately  $\frac{1}{2}$  of a Carbon Credit).

#### NET MONTHLY BILL

Customers who participate under this rider will be billed for electric service under all applicable tariffs including all applicable riders.

Green Power purchased under this rider, will be billed at the applicable Green Power rate times the number of 100 kWh blocks the customer has agreed to purchase per month.

The Green Power rate shall be \$2.00 per 100 kWh block with a minimum monthly purchase of two 100 kWh blocks.

Carbon Offsets purchased under this rider, will be billed at the applicable Carbon Offset rate times the number of Carbon Offsets the customer has agreed to purchase per month.

The Carbon Offset rate shall be \$4.00 per 500 lbs offset block.

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	KY.P.S.C. Electric No. 2
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Duke Energy Kentucky, Inc.	Cancels and Supersedes
525 5th Street, Suite 228	First Revised Sheet No. 88
Covington, Kentucky 41011	Page 2 of 2

#### TERMS AND CONDITIONS

1. The customer shall enter into a service agreement with Company that shall specify the number of kWh blocks and/or Carbon Offsets to be purchased monthly and the corresponding rates(s) per unit. The Customer shall give Company thirty (30) days notice prior to cancellation of participation in this rider.

2. Funds collected from this tariff will be used to purchase Renewable Energy Certificates (RECs) and/or carbon credits from renewable and environmentally friendly sources as described in the DEFINITION OF GREEN POWER AND CARBON OFFSETS section and for customer education, marketing, and costs of the GoGreen Power Program.

3. Renewable Energy Certificate (REC) shall mean tradable units that represent the commodity formed by unbundling the environmental attributes of a unit of renewable or environmentally friendly energy from the underlying electricity. One REC would be equivalent to the environmental attributes of one MWH of electricity from a renewable or environmentally friendly generation source.

4. Carbon Credit shall mean tradable units that represent the reduction of the release of a greenhouse gas in the equivalent of one metric ton of  $CO_2$ . A Carbon Offset represents approximately  $\frac{1}{2}$  of a Carbon Credit.

5. Company reserves the right to terminate the Rider or revise the pricing or minimum purchase amount of the Rider after giving 60 days notice to the Kentucky Public Service Commission.

6. Company may obtain RECs from purchased power, company owned generation, or third party brokers purchased with funds collected from this rider.

Company may obtain Carbon Credits from third party brokers or company owned projects with funds collected from this rider.

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's Service Regulations, as filed with the Kentucky Public Service Commission.

Issued by authority of an Order of the Kentucky Public Service Commission dated February 5, 2010 in Case No. 2009-00408.

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Effective: September 30, 2010

Issued by Julie Janson, President

## Schedule L-2.2 Page 100 of 152 **Responsible Witness: Bruce Sailers**

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 🕐

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#### RIDER NM

## NET METERING RIDER

#### AVAILABILITY

Net Metering is available to eligible customer-generators in the Company's service territory, upon request, and on a first-come, first-served basis up to a cumulative capacity of 1% of the Company's single hour peak load in Kentucky during the previous year. If the cumulative generating capacity of net metering systems reaches one percent (1%) of the Company's single hour peak load during the previous year, upon Commission approval, the Company's obligation to offer net metering to a new customer-generator may be limited. An eligible customer-generator shall mean a retail electric customer of the Company with a generating facility that:

- (1) Generates electricity using solar energy, wind energy, biomass or biogas energy, or hydro enerav:
- (2) Has a rated capacity of not greater than thirty (30) kilowatts;
- (3) Is located on the customer's premises;
- (4) Is owned and operated by the customer;
- (5) Is connected in parallel with the Company's electric distribution system; and
- (6) Has the primary purpose of supplying all or part of the customer's own electricity requirements.

At its sole discretion, the Company may provide Net Metering to other customer-generators not meeting all the conditions listed above on a case-by-case basis.

The term "Customer" hereinafter shall refer to any customer requesting or receiving Net Metering services under this tariff.

## METERING

The Company shall provide net metering services, without any cost to the Customer for metering equipment, through a standard kilowatt-hour metering system capable of measuring the flow of electricity in two (2) directions. This provision does not relieve Customer of his or her responsibility to pay metering costs embedded in the utility's Commission-approved base rates.

The standard kilo-watt-hour metering system shall use one of the following methods, as determined solely by the Company:

- (1) A single standard kilowatt-hour meter capable of measuring the flow of electricity in two (2) directions and registering the net amount in one register.
- (2) A single standard kilowatt-hour meter capable of measuring the flow of electricity in two (2) directions and registering the amount of flow in each direction in two separate registers, one measuring the flow of electricity from the Company to the Customer and the other measuring the flow of electricity from the Customer to the Company.

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## Schedule L-2.2 Page 101 of 152 Responsible Witness: Bruce Sailers

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METERING (Cont'd.)

(3) If method (1) or (2) is not feasible, two standard kilowatt-hour meters may be used, one measuring the flow of electricity from the Company to the Customer and the other measuring the flow of electricity from the Customer to the Company.

In method (2) or (3), subtracting one register or meter reading from the other register or meter reading will yield the same result as if method (1) were used.

Any additional meter, meters, or distribution upgrades needed to monitor the flow in each direction shall be installed at the Customer's expense.

#### BILLING

The measurement of net electricity supplied by the Company and delivered to the Company shall be calculated in the following manner. The Company shall measure the difference between the amount of electricity delivered by the Company to the Customer and the amount of electricity generated by the Customer and delivered to the Company during the billing period, in accordance with one of the methods listed under "METERING". If the kWh delivered by the Company to the Customer exceeds the kWh delivered by the Customer to the Customer to the Customer to the Customer to the Customer and delivered by the Customer and delivered by the Customer to the Customer to the Customer and delivered by the Customer and delivered to the Customer shall be credited in the next billing cycle for the kWh difference. Any unused credit when the Customer shall be credited in the low to the Company.

Bill charges and credits will be in accordance with the same standard tariff that would apply if the Customer were not a customer-generator. If time-of-use metering is used, the electricity fed back to the electric grid by the Customer shall be net-metered and accounted for at the specific time it is fed back to the electric grid in accordance with the time-of-use billing agreement currently in place.

Net metering credits are not transferable between customers or locations.

## APPLICATION AND APPROVAL PROCESS

The Customer shall submit an Application for Interconnection and Net Metering ("Application") and receive approval from the Company prior to connecting the generator facility to the Company's system.

Applications will be submitted by the Customer and reviewed and processed by the Company according to either Level 1 or Level 2 processes defined below.

The Company may reject an Application for violations of any code, standard, or regulation related to reliability or safety; however, the Company will work with the Customer to resolve those issues to the extent practicable.

Customers may contact the Company to check on status of an Application or with questions prior to submitting an Application. Company contact information can be found on the Application form.

Application forms along with instructions on how to submit an application are available on the Company's website.

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#### LEVEL 1

A Level 1 Application shall be used if the generating facility is inverter based and is certified by a nationally recognized testing laboratory to meet the requirements of Underwriters Laboratories Standard 1741 "Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources" (UL 1741).

The Company will approve the Level 1 Application if the generating facility also meets all of the following conditions:

- (1) For interconnection to a radial distribution circuit, the aggregated generation on the circuit, including the proposed generating facility, will not exceed 15% of the Line Section's most recent annual one hour peak load. A line section is the smallest part of the primary distribution system the generating facility could remain connected to after operation of any sectionalizing devices.
- (2) If the proposed generating facility is to be interconnected on a single-phase shared secondary, the aggregate generation capacity on the shared secondary, including the proposed generating facility, will not exceed the smaller of 20 kVA or the nameplate rating of the transformer.
- (3) If the proposed generating facility is single-phase and is to be interconnected on a center tap neutral of a 240 volt service, its addition shall not create an imbalance between the two sides of the 240 volt service of more than 20% of the nameplate rating of the service transformer.
- (4) If the generating facility is to be connected to three-phase, three wire primary utility distribution lines, the generator shall appear as a phase-to-phase connection at the primary utility distribution line.
- (5) If the generating facility is to be connected to three-phase, four wire primary utility distribution lines, the generator shall appear to the primary utility distribution line as an effectively grounded source.
- (6) The interconnection will not be on an area or spot network<sup>1</sup>.
- (7) The Company does not identify any violations of any applicable provisions of IEEE 1547, "Standard for Interconnecting Distributed Resources with Electric Power Systems".
- (8) No construction of facilities by the Company on its own system will be required to accommodate the generating facility

<sup>1</sup> Area and spot networks are systems where multiple transformers are interconnected on the secondary side and multiple primary voltag
circuits are used to feed the transformers. A spot network is typically used to serve a single building and the transformers are all in or
location. An area network typically serves multiple customers with secondary conductors covering multiple city blocks and with transforme
at various locations.

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Issued: September 1, 2017,

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## Schedule L-2.2 Page 103 of 152 Responsible Witness: Bruce Sailers

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#### LEVEL 1 (Cont'd)

If the generating facility does not meet all of the above listed criteria, the Company, in its sole discretion, may either: 1.) approve the generating facility under the Level 1 Application if the Company determines that the generating facility can be safely and reliably connected to the Company's system; or 2) deny the application as submitted under the Level 1 Application.

The Company shall notify the customer within 20 business days whether the application is approved or denied, based on the criteria provided in this section.

If the application lacks complete information, the Company shall notify the Customer that additional information is required, including a list of such additional information. The time between notification and receipt of required additional information will add to the time to process the application.

The Customer shall be notified whether the application is approved in writing. The approval will be conditioned upon successful completion of an initial installation inspection and witness test if required by the Company. The Company's written approval will indicate if an inspection and witness test are required. If an inspection of an witness test are required, the Customer shall notify the Company within 3 business days of completion of the generating facility installation and schedule an inspection and witness test with the Company to occur within 10 business days of completion of the generator facility installation or as otherwise agreed to by the Company and the Customer. If an inspection and witness test is required, the Customer may not operate the generating facility (except for operational testing not to exceed two hours) until successful completion of such inspection and witness test. If the installation fails the inspection or witness test due to non-compliance with any provision in the Application and Company approval, the Customer shall not operate the generating facility until any and all non-compliance is corrected and re-inspected by the Company.

If the Application is denied, the Company will supply the Customer with reasons for denial. The Customer may resubmit under Level 2 if appropriate.

#### LEVEL 2

A Level 2 Application is required under any of the following:

- (1) The generating facility is not inverter based;
- (2) The generating facility uses equipment that is not certified by a nationally recognized testing laboratory to meet the requirements of UL 1741; or
- (3) The generating facility does not meet one or more of the additional conditions under Level 1.

The Company will approve the Level 2 application if the generating facility meets the Company's technical interconnection requirements, which are based on IEEE 1547. The Company's technical interconnection requirements are available on the Company's website or upon request.

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Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_in Case No. 2017-00321\_

Issued: September 1, 2017,

Effective: October 1, 2017,

## Schedule L-2.2 Page 104 of 152 Responsible Witness: Bruce Sailers

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#### LEVEL 2 (Cont'd.)

The Company will process the Level 2 Application within 30 business days of receipt of a complete application. Within that time the Company will respond in one of the following ways:

- 1. The application is approved and the Company will provide the Customer with an Interconnection Agreement to sign.
- 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.
- The application is denied. The Company will supply the Customer with reasons for denial and offer to meet to discuss possible changes that would result in Company approval. Customer may resubmit application with changes.

If application lacks complete information, Company shall notify Customer that additional information is required, including a list of such additional information. The time between notification and receipt of required additional information will add to the 30 business day target to process the application.

The Interconnection Agreement will contain all the terms and conditions for interconnection consistent with those specified in this tariff, inspection and witness test requirements, description of and cost of construction or other changes to the Company's distribution system required to accommodate the generating facility, and detailed documentation of the generating facilities which may include single line diagrams, relay settings, and description of operation.

Customer may not operate the generating facility until an Interconnection Agreement is signed by the Customer and Company and all necessary conditions stipulated in the agreement are met.

#### APPLICATION, INSPECTION AND PROCESSING FEES

No application fees or other review, study, or inspection fees are charged by the Company for Level 1 or Level 2 applications.

#### TERMS AND CONDITIONS FOR INTERCONNECTION

To interconnect to the Company's distribution system, the Customer's generating facility shall comply with the following terms and conditions:

 The Company shall provide Customer net metering services, without charge for standard metering equipment, through a standard kilowatt-hour metering system capable of measuring the flow of electricity in two (2) directions. If the Customer requests any additional meter or meters or distribution upgrades are needed to monitor the flow in each direction, such installations shall be at the Customer's expense.

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TERMS AND CONDITIONS FOR INTERCONNECTION (Cont'd.)

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- 2. Customer shall install, operate, and maintain, at Customer's sole cost and expense, any control, protective, or other equipment on the Customer's system required by the Company's technical interconnection requirements based on IEEE 1547, the NEC, accredited testing laboratories such as Underwriters Laboratories, and the manufacturer's suggested practices for safe, efficient and reliable operation of the generating facility in parallel with Company's electric system. Customer shall bear full responsibility for the installation, maintenance and safe operation of the generating facility. Upon reasonable request from the Company, Customer shall demonstrate generating facility compliance.
- 3. The generating facility shall comply with, and Customer shall represent and warrant its compliance with: (a) any applicable safety and power quality standards established by IEEE and accredited testing laboratories such as Underwriters Laboratories; (b) the NEC as may be revised from time to time; (c) Company's rules, regulations, and Company's Service Regulations as contained in Company's Retail Electric Tariff as may be revised from time to time with the approval of the Kentucky Public Service Commission (Commission); (d) the rules and regulations of the Commission, as such rules and regulations may be revised from time to time by the Commission; and (e) all other applicable local, state, and federal codes and laws, as the same may be in effect from time to time. Where required by law, Customer shall pass an electrical inspection of the generating facility by a local authority having jurisdiction over the installation.
- 4. Any changes or additions to the Company's system required to accommodate the generating facility shall be considered excess facilities. Customer shall agree to pay Company for actual costs incurred for all such excess facilities prior to construction.
- 5. Customer shall operate the generating facility in such a manner as not to cause undue fluctuations in voltage, intermittent load characteristics or otherwise interfere with the operation of Company's electric system. At all times when the generating facility is being operated in parallel with Company's electric system, Customer shall so operate the generating facility in such a manner that no adverse impacts will be produced thereby to the service quality rendered by Company to any of its other customers or to any electric system interconnected with Company's electric system. Customer shall agree that the interconnection and operation of the generating facility is secondary to, and shall not interfere with, Company's ability to meet its primary responsibility of furnishing reasonably adequate service to its customers.
- 6. Customer shall be responsible for protecting, at Customer's sole cost and expense, the generating facility from any condition or disturbance on Company's electric system, including, but not limited to, voltage sags or swells, system faults, outages, loss of a single phase of supply, equipment failures, and lightning or switching surges, except that the Company shall be responsible for repair of damage caused to the generating facility resulting solely from the negligence or willful misconduct on the part of the Company.

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TERMS AND CONDITIONS FOR INTERCONNECTION (Cont'd.)

- 7. After initial installation, Company shall have the right to inspect and/or witness commissioning tests, as specified in the Level 1 or Level 2 application and approval process. Following the initial testing and inspection of the generating facility and upon reasonable advance notice to Customer, Company shall have access at reasonable times to the generating facility to perform reasonable on-site inspections to verify that the installation, maintenance and operation of the generating facility comply with the requirements of this Tariff.
- 8. For inverter based systems that are certified by a nationally recognized testing laboratory to meet the requirements of UL 1741, the Company does not require a Customer owned external disconnect switch (EDS). For other generating facility types, an isolation device that satisfies the Company's technical interconnection requirements must be included. Where required by the Company, an eligible Customer shall furnish and install on Customer's side of the point of common coupling a safety disconnect switch which shall be capable of fully disconnecting the Customer's energy generating equipment from Company's electric service under the full rated conditions of the Customer's generating facility. The EDS shall be located adjacent to Company's meters or the location of the EDS shall be noted by placing a sticker on the meter, and shall be of the visible break type in a metal enclosure which can be secured by a padlock. If the EDS is not located directly adjacent to the meter, the Customer shall be responsible for ensuring the location of the EDS is properly and legibly identified for so long as the generating facility is operational. The disconnect switch shall be accessible to Company personnel at all times.
- 9. Company shall have the right and authority at Company's sole discretion to isolate the generating facility or require the Customer to discontinue operation of the generating facility if Company believes that: (a) continued interconnection and parallel operation of the generating facility with Company's electric system creates or contributes (or may create or contribute) to a system emergency on either Company's or Customer's electric system; (b) the generating facility is not in compliance with the requirements of this Tariff, and the non-compliance adversely affects the safety, reliability or power quality of Company's electric system; or (c) the generating facility interferes with the operation of Company's electric system. In non-emergency situations, Company shall give Customer notice of noncompliance including a description of the specific noncompliance condition and allow Customer a reasonable time to cure the noncompliance prior to isolating the Generating Facilities. In emergency situations, where the Company is unable to immediately isolate or cause the Customer to isolate only the generating facility, the Company is unable to cure the Customer's entire facility.
- 10. Customer shall agree that, without the prior written permission from Company, no changes shall be made to the generating facility as initially approved. Increases in generating facility capacity will require a new "Application for Interconnection and Net Metering" which will be evaluated on the same basis as any other new application. Repair and replacement of existing generating facility components with like components that meet UL 1741 certification requirements for Level 1 facilities and not resulting in increases in generating facility capacity is allowed without approval.

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### TERMS AND CONDITIONS FOR INTERCONNECTION (Cont'd.)

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11. To the extent permitted by law, the Customer shall protect, indemnify and hold harmless the Company and its directors, officers, employees, agents, representatives and contractors against and from all loss, claims, actions or suits, including costs and attorneys fees, for or on account of any injury or death of persons or damage to property caused by the Customer or the Customer's employees, agents, representatives and contractors in tampering with, repairing, maintaining or operating the Customer's generating facility or any related equipment or any facilities owned by the Company except where such injury, death or damage was caused or contributed to by the fault or negligence of the Company or its employees, agents, representatives or contractors.

The liability of the Company to the Customer for injury to person and property shall be governed by the tariff(s) for the class of service under which the Customer is taking service.

- 12. The Customer shall maintain general liability insurance coverage (through a standard homeowner's, commercial or other policy) for both Level 1 and Level 2 generating facilities. Customer shall upon request provide Company with proof of such insurance at the time that application is made for net metering.
- 13. By entering into an Interconnection Agreement, or by inspection, if any, or by non-rejection, or by approval, or in any other way, Company does not give any warranty, express or implied, as to the adequacy, safety, compliance with applicable codes or requirements, or as to any other characteristics, of the generating facility equipment, controls, and protective relays and equipment.
- 14. A Customer's generating facility is transferable to other persons or service locations only after notification to the Company has been made and verification that the installation is in compliance with this tariff. Upon written notification that an approved generating facility is being transferred to another person, customer or location, the Company will verify that the installation is in compliance with this tariff and provide written notification to the customer(s) within 20 business days. If the installation is no longer in compliance with this tariff, the Company will notify the Customer in writing and list what must be done to place the facility in compliance.
- 15. The Customer shall retain any and all Renewable Energy Credits (RECs) that may be generated by their generating facility.

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## Schedule L-2.2 Page 108 of 152 **Responsible Witness: Bruce Sailers**

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## BAD CHECK CHARGE

## APPLICABILITY

Applicable to all customers in the Company's electric service area.

#### CHARGE

The Company may charge and collect a fee of \$11.00 to cover the cost of handling an unsecured check, where a customer tenders in payment of an account a check which upon deposit by the Company is returned as unpaid by the bank for any reason.

## SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, an to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as approved by law.

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## Schedule L-2.2 Page 109 of 152 Responsible Witness: Bruce Sailers

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#### CHARGE FOR RECONNECTION OF SERVICE

#### APPLICABILITY

Applicable to all customers in the Company's entire service area who are in violation of Section 1, Rule 3, Company's Right to Cancel Service Agreement or to Suspend Service, of the Company's Electric Service Regulations.

#### CHARGE

The Company may charge and collect in advance the following:

- A. The reconnection charge for service which has been disconnected due to enforcement of Rule 3 shall be twenty-five dollars (\$25.00) for reconnections that can be accomplished remotely or seventy-five dollars (\$75.00) for reconnections that cannot be accomplished remotely.
- B. The reconnection charge for service which has been disconnected within the preceding twelve months at the request of the customer shall be twenty-five dollars (\$25.00) for reconnections that can be accomplished remotely or seventy-five dollars (\$75.00) for reconnections that cannot be accomplished remotely.
- C. If service is discontinued because of fraudulent use thereof, the Company may charge and collect in addition to the reconnection charge of twenty-five dollars (\$25.00) for reconnections that can be accomplished remotely or seventy-five dollars (\$75.00) for reconnections that cannot be accomplished remotely, the expense incurred by the Company by reason of such fraudulent use, plus an estimated bill for electricity used, prior to the reconnection of service.
- D. If both the gas and electric services are reconnected at one time, the total charge shall not exceed <u>eighty-eight</u>\_dollars (<u>\$88</u>,00).
- E. Where electric service was disconnected at the pole because the Company was unable to gain access to the meter, the reconnection charge shall be <u>one hundred twenty-five</u> dollars (\$125,00). If the gas service is also reconnected the charge shall be <u>one hundred fitv dollars</u> (\$150,00).
- F. If the Company receives notice after 2:30 p.m. of a customer's desire for same day reinstatement of service and if the reconnection cannot be performed during normal business hours, and the reconnection cannot be performed remotely, the after hour reconnection charge for connection shall be an additional twenty-five dollars (\$25.00). Customers will be notified of the additional \$25.00 charge for reconnection at the meter or at the pole at the time they request same day service.
- G. If a Company employee, whose original purpose was to disconnect the service, has provided the customer a means to avoid disconnection, service which otherwise would have been disconnected shall remain intact, and no reconnection charge shall be assessed. However, a collection charge of <u>fifty</u> dollars (\$50,00) may be assessed, but only if a Company employee actually makes a field visit to the customer's premises.

#### SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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# Schedule L-2.2 Page 110 of 152 Responsible Witness: Bruce Sailers

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## Schedule L-2.2 Page 111 of 152 **Responsible Witness: Bruce Sailers**

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#### RATE DPA

### DISTRIBUTION POLE ATTACHMENTS,

APPLICABILITY

Applicable to the attachment of cable television systems and other qualifying attachments to any distribution pole of the Company by a person (attachee) who makes application on an appropriate Company form with submission of information and documents specified herein and in the application. Attachee must contract with Company. Attachees with active joint use agreements are excluded from this rate. This rate does not expand the rights to attach to the Company's structures beyond rights established by law.

# ATTACHMENT CHARGES

The following annual rental rate per foot of pole shall be charged for the use of each of the Company's poles:

\$6,35 per foot for a two-user pole.

\$5.31 per foot for a three-user pole.

A two-user pole is a pole being used, either by actual occupation or by reservation, by the attachee and the Company. A three-user pole is a pole being used, either by actual occupation or by reservation, by the attachee, the Company and a third party.

## PAYMENT

Attachee shall pay to the Company for all authorized attachments an annual rental, as set forth above, for the use of each of the Company's pole, any portion of which is occupied by, or reserved at attachee's request for the attachments of attachee, at any time during the initial rental year. The first annual payment of rental for the previous rental year shall be due and payable on the first anniversary date of attachee's application. Subsequent payments of annual rental shall be due and payable on each succeeding anniversary date thereof.

As newly authorized attachments are made after the initial rental year, rentals for such attachments shall be paid for the entire year if made within the six month period after any anniversary date, and for on-half year if made during the following six month period. For any attachments removed by attachee and for which the Company shall have received written notice from attachee, the yearly rental shall be prorated to the date of removal.

All fees, charges and rentals provided for herein not paid when due and payable shall bear interest at the maximum rate permitted by law from the date when due, until paid.

#### TERMS AND CONDITIONS

Issued by authority of an Order of the Kentucky Public Service Commission dated, 2017, in Ca					
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	1.	Prior to the signing of the application, attachee shall send the technical manuals and information, and construction standar equipment attachee proposes to use pursuant to the provision other information as requested by the Company.	ds and manuals regarding the			
	, 2.	After the Company has received a signed application from attact is made by attachee, it shall make a written request for permissi pole of the Company, specifying the location of each pole in proposed attachments and the amount and location of space receipt of such application, the Company shall notify attached	on to install attachments on any question, the character of its desired. Within 30 days after	•(	Deleted: 1	
		willing to permit the attachments and, if so, under what cor		()	Deleted: s	
ļ		granted, attachee shall have the right to occupy the space allo conditions specified in such permit and in accordance with t Company shall not be required to set a pole for the sole use deny attachee the right to attach to a pole, if space is or can be	tted by the Company under the he terms contained herein but by attachee. Company will not	yport.	Formatted: Font: Times New Roman, 10 pt	
	3.	All attachments are to be placed on poles of the Company in Company and so as not to interfere with the present or any futu- desire to make of such poles, wires or other facilities. All atta- maintained by attachee so as to comply at least with the minimu- Electrical Safety Code and any other applicable regulations or state, local or other governmental authority having jurisdict necessary precautions, by the installation of protective equipme persons and property of all kinds against injury or damage oc attachments on the Company's poles. The Company shall requirements for the present or future use of its poles and equi- therewith.	re use which the Company may achments shall be installed and um requirements of the National codes promulgated by federal, ion. Attachee shall take any nt or other means, to protect all curring by reason of attachee's be the sole judge as to the			
	4.	In any case where it is necessary for the Company to replace a of providing adequate space or strength to accommodate the al- either at the request of attachee or to comply with the abo- attachee shall pay the Company the total cost of this replaceme estimated cost of the new pole including material, labor, and cost of transferring existing electric facilities to the new pole, existing pole and any other incremental cost required to prov- attachee, including any applicable taxes the Company may be change in plant, minus salvage value of any poles removed,	ttachments of attachee thereon, ve codes and regulations, the ent. Such cost shall be the total applicable overheads, plus the plus the cost of removal of the ride for the attachments of the	)           	Formatted: Indent: Left: 0", Hanging: 0.58" Formatted: Font: Times New Roman, 10 pt Formatted: Font: Times New Roman, 10 pt Deleted: ¶ d: December 21 d: 06 d: 06 d: 172	
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		existing attachments from the existing pole and re-establishing t			Deleted: September 30	
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such pole.		

- 5. If attachee's proposed attachments can be accommodated on existing poles of the Company by rearranging facilities of the <u>Company and of other attachees or permittees thereon</u>, 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 permitees, or constitute a hazard to the service rendered by the Company or other attachees or permitees, 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.

## TERMS AND CONDITIONS (Contd.)

 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 tieu thereof providing an equivalent protection as follows:

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_, 2017, in Case  $\frac{h_{e,e}}{h_{e,e}}$ , No. 2017, 00321,

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Duke Energy Kentucky, Inc.	Cancels and Supersedes
4580 Olympic Blvd.	First Revised Sheet No. 92
Erlanger, Kentucky 41018	Page 4 of 6
(a) Public liability and automobile liability insura	ance for itself in an amount not less than

\$500,000.00 for bodily injury to or death of any one person, and, subject to the same limit for any one person, in an aggregate amount not less than \$1,000,000.00 for any one occurrence.

- (b) Property damage liability insurance for itself in an amount not less than \$500,000.00 for any one occurrence.
- (c) Contractual liability insurance in the amounts set forth in (a) and (b) above, to cover the liability assumed by the attachee under the agreements of indemnity set forth herein.
- 10. Prior to making attachments to the Company's poles, attachee shall furnish to the Company two copies of a certificate or bond, from an insurance carrier or bond company acceptable to the Company, stating the policies of insurance or bond have been issued by it to attachee providing for the insurance or indemnity listed above and that such policies or bonds are in force. Such certificate shall state that the insurance carrier or bond company will give the Company 30 days prior written notice of any cancellation of or material change in such policies or bonds. The certificate or bond shall also quote in full the agreements of indemnity set forth herein as evidence of the type of contractual liability coverage furnished. If such certificate or bond recites that it is subject to any exceptions or exclusions, such exceptions or exclusions shall be stated in full in such certificate or bond, and the Company may, at its discretion, require attachee, before starting work, to obtain policies of insurance or bonds which are not subject to any exceptions or exclusions which the Company finds objectionable.
- 11. The Company reserves the right, without liability to attachee or its subscribers, to discontinue the use of, remove, replace or change the location of any or all of the Company's poles, attachments or facilities regardless of any occupancy of the Company's poles by attachee, and attachee shall at its sole cost after written notice by the Company, make such changes in, including removal or transfer of, its attachments as shall be required by such action of the Company. Attachee shall make such changes within 10 days after written notice when such movement is to the same or another pole of Company and within 30 days when Company plans to abandon a pole and no other pole is available or planned to be installed by Company. If attachee fails to make such changes within the required time period after written notice by the Company or in case of an emergency, the Company reserves the right to make such changes to the attachments of attachee at attachee's expense and without notice, and no liability therefor shall be incurred by the Company, unless Company is solely negligent, because of such action for any consequential damages, including but not limited to loss of service to, customers of attachee. Company may not require that attachee remove attachments for the sole reason to make room for Company on an existing pole.
- 12. Attachee may at any time abandon the use of a jointly used pole hereunder by removing therefrom all of its attachments and by giving written notice thereof to the Company.

Issued by authority of an Order of the Kentucky F	Public Service Commission dated, 2017, in Case
No. 2017-00321	
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13. Attachee shall secure any right, license or permit from any other person or persons which may be required for the attachments of attachee, at its expense. The Company do rights-of-way or franchises for the construction and ma Attachee hereby agrees to indemnify and save harmless the including the expenses incurred by the Company to defend from or arising out of the failure of attachee to secure such in the construction or maintenance of such attachments on the	y governmental body, authority, or e construction or maintenance of bes not guarantee any easements, aintenance of such attachments. Company from any and all claims, itself against such claims, resulting ght, license, permit or easement for	
<ol> <li>Electric service for cable television power supplies and othe supplied from the lines of the Company in the manner specifi</li> </ol>		Formatted: Font: Times New Roman, 10 pt
15. The Company shall have the right, from time to time wh attachee, to grant, by contract or otherwise, to others, rights used by attachee, and the Company shall have the right to c or privileges heretofore granted. The attachment privileges shall at all times be subject to all previously granted rights Company and others covering poles in joint use but sha granted rights.	or privileges to use any poles being ontinue and extend any such rights granted hereunder to an attachee pursuant to agreements between	
16. Attachee shall furnish bond, as specified by the Company, to obligations assumed by attachee under the terms herein of the insurance required by paragraph 9. Such bond shall be attachee's making attachments to the Company's poles. reduced after the construction phase has been completed, a a reliable utility customer. Allowance of such reduction shall	submitted not otherwise covered by submitted to the Company prior to The amount of the bond may be and after attachee has proven to be	<u>(D</u>
17. In case one party is obligated to perform certain work at mutually agree in writing that it is desirable for the other part party shall promptly do the work at the sole expense of the the same. Bills for expense so incurred shall be due a presentation.	y to do such work, then such other	Formatted: Font: Times New Roman, 10 pt Formatted: Font: Times New Roman, 10 pt (T) d: December 21 (T) d: 06
TERMS AND CONDITIONS (Contd.)		
18. If attachee fails to comply with any of the provisions he performance of any of its obligations herein contained and notice from the Company to correct such default or non-cor option, forthwith terminate the specific permit or permits of attachments to which such default or non-compliance is app of attachee, and remove aftachments of attachee at attachee	I fails within 60 days after written npliance, the Company may, at its covering the poles and attachee's licable and any or all other permits	d: 172 Deleted: September 29, Deleted: September 30 Deleted: 0 Deleted: 0 Deleted: 0 Deleted: 0 Deleted: ulie Janson
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Issued by James P. Henning, Preside	nt.	

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	Duke Energy Kentucky, Inc.	Cancels and Supersedes	
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	Erlanger, Kentucky 41018	Page 6 of 6	·
	shall be increased by the Company base	where the section and the second section is the fact listing and the second	

shall be incurred by the Company because of such action except damages to facilities caused by the sole negligence of Company.

- 19. The area covered by the application will be set forth on a map, attached to, and made a part of the application. Such area may be extended or otherwise modified by a supplemental agreement mutually agreed upon and signed by the attachee and the Company with a new map attached thereto showing the changed area to be thereafter covered by the application. Such supplement shall be effective as of the date of final execution thereof and shall be attached to all executed copies of the application.
- 20. If attachee does not exercise the rights granted herein within six months from the date of the application, the application shall be void.
- 21. The provisions herein shall be binding upon and inure to the benefit of the parties thereto, their respective successors and/or assigns, but attachee shall not assign, transfer or sublet any of the rights hereby granted or obligations hereby assumed without the prior written consent of the Company.

# SERVICE REGULATIONS

The supplying and billing for service, and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission.

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#### Schedule L-2.2 Page 117 of 152 **Responsible Witness: Bruce Sailers**

KY, P.S.C. Electric No. 2 Duke Energy Kentucky, Inc. 4580 Olympic Blvd. 93 Erlanger, Kentucky 41018 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.

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### DEFINITIONS

Definitions of the following terms are as adopted by the Ky. PSC, 807 KAR 5:054 - Section 2:

- (1) Qualifying Facility
- Cogeneration Facility (2)
- Small Power Production Facility (3)
- Purchase (4)
- (5) Sale
- (6) Avoided Cost

#### OBLIGATIONS

#### (1) Purchases

The utility shall purchase from qualifying facilities in accordance with 807 KAR 5:054 - Sections 6 and 7.

(12) System

(7) Interconnection Cost Supplementary Power

(9) Back-up Power

(10) Interruptible Power

(11) Maintenance Power

#### (2) <u>Sales</u>

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 facilitie (1) may be required to provide energy or capacity in accordance with 807 KAR 5:054 - Section 6.

#### STANDARDS FOR OPERATING RELIABILITY

ஸ் The technical requirements necessary for operating reliability are set forth in the Company's procedure entitle "Guideline Technical Requirements for Parallel Operation of Customer Generation on the Transmission System."

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Issued b 2017-00		e Kentucky Public Service Commission dated, in Case No.
Issued:	September 1, 2017,	Effective: <u>October 1</u> , 2017,

Issued by James P. Henning, President

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Schedule L-2.2 Page 118 of 152 Responsible Witness: Bruce Sailers

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Erlanger, Kentucky 41018	Page 2 of 2		
Rates for <u>Purchases</u> from qualifying facilities:			
(1) Energy Purchase Rate The purchase rate shall be \$0.027645/kWh for all kilowatt-he	ours delivered.	$\frac{1}{(R)}$ (	Formatted: Font: Times New Roman, 10 pt
(2) Capacity Purchase Rate The purchase rate shall be \$3.90/kW-month for eligible approved by PJM in Company's Fixed Resource Requireme are only applicable when Company requires additional capacity. No capacity purchase will be made if QF cannot Company does not have a capacity need. Capacity purcha in which capacity is utilized to meet capacity requirements in QF must enter into a written contract with the Company to responsible for cost of all facilities on QF's site to meet and resource. QF is subject to all non-performance costs levied Public Service Commission, or other applicable entity related	nts (FRR) plan. Capacity purchases capacity beyond Company owned satisfy Company's capacity need or ises are applicable to delivery years Company's FRR or successor plan. o receive capacity payment. QF is maintain eligibility as a PJM capacity by PJM or successor, the Kentucky		Formatted: Right: 0.31"
<ul> <li><u>Rates for Sales</u> to qualifying facilities will be accomplished through ex Ky. PSC.</li> </ul>	isting tariff schedules on file with the		Comment [BLS1]: insert with last 12 month average FJM RT LMP at DEK node.
SERVICE REGULATIONS, TERMS AND CONDITIONS The QF shall enter into a written contract with the Company. Such	contract shall set forth any specific		Deleted: Purchase Rate shall be \$0.03078/kWh
arrangements between the parties based on the individual circumstan	ces so involved.	· (	Deleted: for all kilowatt-hours delivered.
The supplying and billing for service and all conditions applying ther	eto, are subject to the jurisdiction of	(	Formatted: Highlight
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Erlanger, Kentucky 41018	Page 1 of 2	· • ,	Deleted: Second

#### COGENERATION AND SMALL POWER PRODUCTION SALE AND PURCHASE TARIFF-GREATER THAN 100 kW

#### APPLICABILITY

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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
- (2) Cogeneration Facility
- Small Power Production Facility (3)
- (4) Purchase
- (5) Sale
- (6) Avoided Cost

### OBLIGATIONS

(1) Purchases

- (7) Interconnection Cost (8) Supplementary Power
- (9) Back-up Power
- (10) Interruptible Power
- (11) Maintenance Power

- (12) System

- - The

1	e utility sl	nall purchase	from qualify	ing facilities in	accordance with	807 KAR	5:054 - Si	ections 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 00321.	dated, in C	case No. 2017-
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#### Schedule L-2.2 Page 120 of 152 **Responsible Witness: Bruce Sailers**

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#### RATE SCHEDULES

#### Rates for Purchases from qualifying facilities:

and losses charges, for each hour of the billing month.

Energy Purchase Rate (1)

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<u></u>	kilowatt-hours delivered shall be the PJM
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$\Omega$	for power at the DEK Aggregate price
	node, inclusive of the energy, congestion
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	billing month.
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(2) Capacity Purchase Rate The purchase rate shall be \$3.90/kW-month for eligible capacity utilized by Company and approved by PJM in Company's Fixed Resource Requirements (FRR) plan. Capacity purchases are only applicable when Company requires additional capacity beyond Company owned capacity. No capacity purchase will be made if QF cannot satisfy Company's capacity need or Company does not have a capacity need. Capacity purchases are applicable to delivery years in which capacity is utilized to meet capacity requirements in Company's FRR or successor plan. QF must enter into a written contract with the Company to receive capacity payment. QF is responsible for cost of all facilities on QF's site to meet and maintain eligibility as a PJM capacity resource. OF is subject to all non-performance costs levied by PJM or successor, the Kentucky

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

Rates for Sales to qualifying facilities will be accomplished through existing tariff schedules on file with the Ky. PSC.

Public Service Commission, or other applicable entity related to non-performance of QF's facility,

#### SERVICE REGULATIONS, TERMS AND CONDITIONS

The QF shall enter into a written contract with the Company. Such contract shall set forth any specific arrangements between the parties based on the individual circumstances so involved.

The supplying and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Public Service Commission of Kentucky.

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Issued: <u>September 1,</u> 201 <u>7</u> , 201 <u>7</u> ,	Effective:	October 1	,CD 
Issued by James P. Henning, President			*

#### Schedule L-2.2 Page 121 of 152 Responsible Witness: Bruce Sailers

 KY.P.S.C. Electric No. 2

 Second Revised Sheet No. 95

 Duke Energy Kentucky, Inc.

 Cancels and Supersedes

 4580 Olympic Blvd.

 First Revised Sheet No. 95

 Erlanger, Kentucky 41018

#### LOCAL FRANCHISE FEE

#### APPLICABLE TO ALL RATE SCHEDULES

There shall be added to the customer's bill, listed as a separate item, an amount equal to the fee now or hereafter imposed by local legislative authorities, whether by ordinance, franchise or other means, which fee is based on the gross receipts collected by the Company from the sale of electricity to customers within the boundaries of the particular legislative authority. Such amount shall be added exclusively to bills of customers receiving service within the territorial limits of the authority imposing the fee.

Where more than one such fee is imposed, each of the charges applicable to each customer shall be added to the customer's bill and listed separately.

Where the local legislative authority imposes a flat, fixed amount on the Company, the fee applied to the bills of customers receiving service within the territorial boundaries of that authority, shall be in the form of a flat dollar amount.

The amount of such fee added to the customer's bill shall be determined in accordance with the terms of the ordinance, franchise or other directive agreed to by the Company.

Issued by James P. Henning, President

Issued: September 1, 2017,

Effective: October 1, 2017,

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#### Schedule L-2.2 Page 122 of 152 Responsible Witness: Bruce Sailers

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Erlanger, Kentucky 41018	Page 1 of 3	\J

#### 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 <u>except</u> where extremely rocky conditions are encountered, then the \$2.00 per linear trench foot, as stated and defined above, shall be charged.

#### Targeted Underground for Service Improvement

Notwithstanding the above charges and upon Kentucky Public Service Commission approval, Company will waive above charges, maintain, and take ownership of customer service lines and equipment (curb, property line, or service lateral to the meter base) to and including the electric meter. This provision applies only to Company designated installations identified to improve the resiliency of service to the customer.

#### GENERAL CONDITIONS

 Others shall, in accordance with the specification of the Company and local inspection authority, furnish, install, own and maintain the customer services <u>excluding installations failing under</u> <u>Charges section Item 3 above</u>. The Company shall connect the customer service cable to its

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_\_ in Case No. 2017- 00321.

Issued: September 1, 2017,

### Effective: October 1, 2017,

Issued by James P. Henning, President

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#### Schedule L-2.2 Page 123 of 152 Responsible Witness: Bruce Sailers

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distribution system and provide and install pull-boxes, if necessary.

- 2. The Developer shall furnish and install all conduit and crossovers required by the Company, including all areas where paving is installed prior to the installation of the Company's distribution facilities, and be responsible for installing and maintaining these crossovers in accordance with the Company's specifications and location plans until the underground electric line is completed. A Company inspector must approve all crossovers before the trenches are backfilled; and the Developer shall stake each end of every crossover with a stake marked "ELEC." The Company shall determine where conduit and crossovers are required.
- The Developer shall complete and be responsible for maintaining final grade within the right-ofway and the street until the street has been dedicated and accepted by the local government.
- 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.
- 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.
- The Company shall determine equipment locations and such facilities must be accessible from adequate driveways, protected from mechanical hazards and placed so as to maintain proper clearance from building openings.
- 7. The Company shall determine the number of customers to be served from each transformer or pull-box, where meters shall be located and how they shall be grouped.
- 8. The Developer, at the Company's option, may be required to pay to the Company a deposit on the contracted charges when the agreement is executed. The Developer shall pay to the Company the balance due under said agreement at the Company's preconstruction meeting, at which time the work performed by the Company is scheduled.
- 9. The Developer shall furnish to the Company the required number of plat drawings approved by governmental authorities having jurisdiction, and any revisions of such plats, which shall indicate the location of all proposed driveways, parking areas, building openings and sewer, water, gas and telephone facilities.

#### **GENERAL CONDITIONS (Contd.)**

 The Developer shall stake all required lot corners or control points along the cable route as specified by the Company.

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- 11. The Developer shall complete final grade of distribution line route before construction work is started and be responsible for maintaining same during construction. The Company shall permit a maximum cut of six inches for sidewalk and driveways after their facilities have been installed. No fill will be permitted after the Company's facilities have been installed except by written permission from the Company. If it is necessary to change the grade of the Company's facilities due to changes by the Developer, all costs of the change shall be borne by the Developer.
- 12. The underground construction area shall be clear of all other construction forces and, after the underground construction has begun, it shall not be interrupted by other construction forces.
- 13. The Developer shall enter into a written agreement with the Company. This agreement and an attached plan shall constitute written notice when Developer has signed said agreement and the ENDORSEMENT attached to said plat, accepting the location of underground electric facilities as shown thereon. Any additional engineering required or extra construction costs required by the Company shall be borne by the Developer.
- 14. The Developer shall grant to the Company, on its applicable forms, all rights-of-way which in the opinion of the Company are necessary or desirable for such extensions.
- 15. Should the Developer request additional facilities, different routing or termination points, or changes in the facilities planned or installed, the Developer shall pay the total estimated cost to the Company for such additional facilities or changes.
- 16. The Developer shall also pay the cost of any repairs or replacement to the distribution system resulting from the negligent act of acts of the Developer, his agents, workmen, contractors or tenants.

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#### RATE UDP-G

#### GENERAL UNDERGROUND DISTRIBUTION POLICY

#### APPLICABILITY

Applicable to electric service of: 1. single family houses or multi-family dwellings that do not qualify under the Applicability of the Underground Residential Distribution Policy; 2. commercial and industrial customers; or 3. special situations. Rate UDP-G is available throughout the service area of the Company in those situations where the Company extends its distribution lines to serve new developments and <u>Company designated installations identified to improve the resiliency of service to customers</u> 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.

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#### CHARGES (Cont'd.)

In large multiple cable installations, the customer shall provide the cable, provide and install the step bus mounted in the vault, and make necessary cable connections to the step bus to the Company's specifications. The Company shall provide and install connections from the transformer terminals to the step bus.

The customer shall extend the bus duct into the vault to the Company's specifications. The Company shall provide and install connections from the transformer terminals to the bus duct.

#### Targeted Underground for Service Improvement

Notwithstanding the above charges and upon Kentucky Public Service Commission approval. Company will waive above charges, maintain, and take ownership of customer service lines and equipment (curb, property line, or service lateral to the meter base) to and including the electric meter. This provision applies only to Company designated installations identified to improve the resiliency of service to the customer.

#### GENERAL CONDITIONS

- Other shall, in accordance with the specifications of the Company and local inspection authority, furnish, install, own and maintain the customer services <u>excluding installations falling under Charges</u> <u>section Item 4 above</u>. 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 instal! 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.
- 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.
- The point at which the underground distribution system begins shall be determined by the Company and the overhead primary extension to this point may be installed as open-wire conductors.

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- 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.
- The Company shall determine the number of customer to be served from each transformer or pullboxes, where meters shall be located and how they shall be grouped.
- The customer, at the Company's option, may be required to pay to the Company a deposit on the contracted charges when the agreement is executed. Upon completion of construction of the underground electric facilities, the customer shall pay to the Company the balance due under said GENERAL CONDITIONS (Cont'd.) agreement.
- 9. The customer shall furnish to the Company the required number of plat drawings approved by governmental authorities having jurisdiction, and any revisions of such plats, which shall indicate the location of all proposed driveways, parking areas, building openings and sewer, water, gas, telephone and CATV facilities.
- 10. The customer shall stake all required lot corners or control points along the cable route as specified by the Company.
- 11. The customer shall complete final grade of distribution line route before construction work is started and be responsible for maintaining same during construction. The Company shall permit a maximum cut of six inches for sidewalk and driveways after their facilities have been installed. No fill will be permitted after the Company's facilities have been installed except by written permission from the Company. If it is necessary to change the grade of the Company's facilities due to changes by the customer, all costs of the change shall be borne by the customer.
- 12. The underground construction area shall be clear of all other construction forces and, after the underground construction has begun, it shall not be interrupted by other construction forces.
- 13. The customer shall enter into a written agreement with the Company. This agreement and an attached plat shall constitute written notice when customer has signed said agreement and/or the ENDORSEMENT attached to said plat, accepting the location of underground electric facilities as shown thereon. Any additional engineering required or extra construction costs required of the Company shall be borne by the customer.
- 14. The customer shall grant to the Company, on its applicable forms, all rights-of-way which in the opinion of the Company are necessary or desirable for such extensions.
- 15. Should the customer request additional facilities, different routing or termination points, or changes in

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the facilities planned or installed, the customer shall pay the total estimated cost to the Company for such additional facilities or changes.

- 16. The customer shall also pay the cost of any repairs or replacement to the distribution system resulting from the negligent act or acts of the customer, his agents, workmen, contractors or tenants.
- The customer will not be required to pay the differential in cost between a pad-mounted and polemounted transformer.

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#### ELECTRICITY EMERGENCY PROCEDURES

FOR

#### LONG-TERM FUEL SHORTAGES

#### APPLICABILITY

In the event of an energy emergency which necessitates curtailment of electricity consumption, Duke Energy Kentucky, Inc. and consumers of electric energy supplied by the Company shall take actions set forth herein, except where the Kentucky Public Service Commission (Commission) or other authority having jurisdiction in the matter orders otherwise.

#### PROCEDURES

Electricity emergency procedures may be necessary if there is a shortage in the electric energy supply to meet the requirements of consumers of electric energy in the service area of the Company. The procedures set forth the actions to be taken by the Company and consumers of electric energy in the event of a long-term fuel shortage for electric generation jeopardizing electric service to the Company's customers.

#### I. DEFINITIONS

For purposes of this procedure, the Company has adopted the following definitions:

- A. "electricity priority uses" shall mean the amount of electrical energy necessary for protection of the public's health and safety, and for the prevention of unnecessary or avoidable damage to property at:
- 1. Residences (homes, apartments, nursing homes, institutions, and facilities for permanent residents or transients);
- 2. Hospitals;
- 3. Medical and human life support systems and facilities;
- 4. Electric power generating facilities and central heating plants serving the public;
- 5. Telephone, radio, television, and newspaper facilities;

#### **DEFINITIONS (Contd.)**

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- 6. Local and suburban transit systems and air terminal facilities:
- 7. Police and fire fighting facilities;
- 8. Water supply and pumping facilities;
- 9. Sanitary service facilities for collection, treatment, or disposal of community sewage;
- 10. Federal facilities essential to national defense or energy supply;
- 11. Production facilities for natural gas, artificial or synthetic gas, propane, and petroleum fuel, and for fuel refinences;
- 12. Pipeline transmission and distribution facilities for natural gas, artificial or synthetic gas, propane, and petroleum fuels;
- 13. Coal mines and related facilities;
- Production, processing, distribution, and storage facilities for dairy products, meat, fish, poultry, eggs, produce, crackers, bread, and livestock and poultry feed;
- 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
- 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,

Ε.	"normal	usage"	shall me	an electric	c energy	consumptio	n by a	consumer	during th	e comp	arable
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period during the previous year adjusted for weather or other major changes in usage.

The Company encourages consumers who have electric priority uses to implement the actions  $\ //$ 

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required herein to the extent reasonably possible. Consumers who have electric priority uses or have critical equipment or processes should consider the installation of emergency generation equipment if continuity of service is essential.

#### II. LONG-TERM FUEL SHORTAGE

- A. Upon the commencement of a coal miners' strike, officially declared or otherwise, or other happening which could cause a long-term fuel shortage, the Company shall curtail non-essential use of energy on premises controlled by the Company including parking and large area lighting and interior lighting except lighting required for security and safety, and other uses of energy both during and outside normal business hours.
- B. Voluntary Curtailment:
  - 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.
  - 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 II. LONG-TERM FUEL SHORTAGE (Contd.)

order to eliminate the necessity for office or commercial and industrial facilities to be open beyond normal working hours;

(g) Minimize electricity use by maintaining a building temperature of no less than 78

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degrees Fahrenheit by operation of cooling equipment and no more than 68 degrees Fahrenheit by operation of heating equipment;

- (h) Encourage, to the extent possible, daytime scheduling of entertainment and recreational facilities.
- The Company, through the issuing of periodic bulletins to the news media, shall inform the general public of:
  - (a) The coal supply level of its supplier, at least weekly;
  - (b) The actions which will be required of consumers if it becomes necessary to initiate mandatory curtailment of electric energy and the procedures to be followed prior to and during the period electric usage is restricted.
- C. Mandatory Curtailment Stage One:
  - 1. If the Company is notified by its supplier that the supplier's normal burn days has diminished to thirty (30) days, consumers shall curtail the use of electricity as follows:
    - (a) All previous measures shall be continued except as amended below;
    - (b) All non-priority outdoor lighting is prohibited;
    - (c) All public, commercial, and industrial buildings shall minimize electricity use by maintaining a building temperature of no less than 85 degrees Fahrenheit by the operation of cooling equipment and no more than 60 degrees Fahrenheit by the operation of heating equipment, except where health requirements or equipment protection deem such measures to be inappropriate;

(d) All public, commercial, and industrial buildings shall reduce interior lighting to the minimum levels essential for continued work and operations to the extent this

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### II. LONG-TERM FUEL SHORTAGE (Contd.)

contributes to decreased use of electric energy.

- D. Mandatory Curtailment Stage Two:
  - If the Company is notified by its supplier that the supplier's normal burn days has diminished to twenty-five (25) days, consumers shall curtail the use of electricity as follows:
    - (a) All previous measures shall be continued except as amended below;
    - (b) All consumers shall discontinue non-priority use of electricity on two days of each week. Consumers may, in the alternative, elect to reduce total electricity consumption by 25% below normal usage. Consumers choosing the second option must keep records sufficient to document the reduction. The Company shall inform consumers of the days that non-priority use shall be discontinued. Consumers shall not increase non-priority uses above mandatory stage one levels during other days of the week.
- E. Mandatory Curtailment Stage Three:
  - 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:
  - If the Company is notified by its supplier that the supplier's normal burn days has diminished to fifteen (15) days, all consumers shall discontinue all non-priority use of electricity on all days of each week.
- **III.** The Company shall take such measures in connection with its facilities as are necessary and reasonable for the implementation of these procedures.

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Where the integrity of the Company's electric system is in jeopardy, the Company may take additional measures it deems appropriate, such as voltage reduction up to 5% and interruption of selected distribution circuits on a rational basis.

IV. PENALTIES

Failure of a consumer to comply with the Company's mandatory curtailment stages may subject that consumer's electric service to disconnection by the Company. Where the Company discovers that a consumer has exceeded its directed usage limitation by more than 15% in a thirty (30) day period, the Company shall notify the Commission that, on the third working day after said discovery, it shall disconnect electric service to such consumer until the fuel supply emergency is relieved.

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#### Schedule L-2.2 Page 135 of 152 **Responsible Witness: Bruce Sailers**

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#### RATE RTP REAL TIME PRICING PROGRAM

#### APPLICABILITY

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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:

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	RTP Bil	$= BC + PC + \sum \{ (CC_t + ED_t) \times (AL_t - CBL_t) \}$ $\underbrace{t=1}$	Delet	ted: + ASCt
	Where: BC PC	= Baseline Charge = Program Charge		
	CC, ED, AL, CBL, n t	<ul> <li>Commodity Charge for hour t</li> <li>Energy Delivery Charge for hour t</li> <li>Customer Actual Load for hour t</li> <li>Customer Baseline Load in hour t</li> <li>total number of hours in the billing period</li> <li>an hour in the billing period</li> </ul>	Delet for ho	
	neutrality with	E Charge is independent of Customer's currently monthly usage, and is designed to achieve bili the Customer's standard offer tariff if no change in electricity usage pattern occurs (less applicable les). The Baseline Charge is calculated at the end of the billing period and changes each billing	Delet	ed: June 1, 2012
	period to main	tain bill neutrality for a Customer's CBL.	-	ed: 276
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	BC = (Standard Bill @ C!	BL)				
	Wnere: BC = Standard Biil @ CBL =	Baseline Charge Customer's bill for a specific month on the a applicable Standard Contract Riders using th billing determinants.				
		reflect applicable metering adjustments under the calculation of the Baseline Charge.	the Rate Schedule. All applicable			
PF	PJM each day, Price Quo	Customer, within two hours after the who otes to be charged the next day. Such rge, the Energy Delivery Charge and the Ar	Price Quotes shall include the			
		ore than one-day-ahead Price Quotes for w company may revise these prices the day b				
		nsible for failure of Customer to receive and to inform Company of any failure to receive re.				
C		a charge for generation. The applicable ho r by hour basis to Customer's incrementa				
	Charge (Credit) For Each k	W Per Hour From The CBL:				
		BL <sub>1</sub> , CC <sub>1</sub> = MVG <sub>1</sub> x LAF 3L <sub>1</sub> , CC <sub>1</sub> = MVG <sub>1</sub> x 80% x LAF				
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### Schedule L-2.2 Page 137 of 152 Responsible Witness: Bruce Sailers

	Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, Kentucky 41018 COMMODITY CHARGE (Contd.) The MVGt will be based on the expected market price of capacity a expected market price shall be the PJM <u>Day-Ahead</u> , Total Locational DEK Aggregate price node, inclusive of the energy, congestion and lo The kW per hour incremental or decremental usage from the C	Marginal Price for power at the sses charges, for each hour.	. (T . (T	
1	ENERGY DELIVERY CHARGE The hourly Energy Delivery Charge is a charge for using the transmission energy to the Customer. The applicable hourly Energy Delivery Charge (Charge (Charge (Credit) For Each kW Per Hour From The CBL)	and distribution system to deliver		
	Secondary Service	1 per KW Per Hour 22 per KW Per Hour		Deleted: 06053 Deleted: 05540 Deleted: 2008 Peterd: ANCULARY SERVICES CHARGED
	<ul> <li>The KW per hour incremental or decremental usage from the CBL shall metering adjustments under the standard Rate Schedule.</li> <li>The kW per hour incremental or decremental usage from the Clapplicable metering adjustments under the standard Rate Schedule.</li> <li>APPLICABLE RIDERS</li> <li>The following riders are applicable pursuant to the specific terms contained with Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider</li> <li>Sheet No. 78, Rider DSMR, Demand Side Management Rider</li> <li>Sheet No. 82, Rider DSMR, Demand Side Management Rider</li> <li>Sheet No. 125, Rider DCI, Distribution Capital Investment Rider</li> <li>Sheet No. 126, Rider FTR, FERC Transmission Cost Reconciliation Rider</li> </ul>	BL shall be adjusted to reflect ,	Ti cha Ti Ci Ci hc (d 1 1 Ci hc (d 1 1 Ci hc (d 1 1 Ci hc (d 1 1 Ci hc (d 1 1 Ci hc (d 2 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) 1 Ci hc (d) Ci hc (d) Ci hc (d) Ci hc (d) Ci hc (d) Ci Ci (d) Ci Ci Ci Ci Ci Ci Ci Ci Ci Ci Ci Ci Ci	eted: ANCILLARY SERVICES CHARGE¶         he hourly Ancillary Services Charge is a rige for:¶         Scheduling, System Control & Dispatch¶         Regulation and Frequency Response¶         Spinning Reserve¶         Supplemental Reserve¶         narge (Credit) shall be applied on an hour by your basis to Customer's incremental ecremental         ecremental) usage from the CBL¶         harge (Credit) For Each kW Per Hour From CAL¶         Secondary         Yery
			Sav Del Del Del Del Del Del	eted: Sheet No. 81, Rider MSR-E, Merger ings Credit Rider ~ Electric¶ eted: June 1, 2012 eted: 2 eted: 276 eted: April 23 eted: 2 eted: June 1 eted: 2 eted: 2 eted: 2
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### Schedule L-2.2 Page 138 of 152 Responsible Witness: Bruce Sailers

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#### PROGRAM CHARGE

Company will provide Internet based communication software to be used to provide Customer with the Price Quotes. Customer will be responsible for providing its own Internet access. A charge of \$183.00 per billing period per site shall be added to Customer's bill to cover the additional billing, administrative, and cost of communicating the hourly Price Quotes associated with the RTP Program.

Customer may purchase from either Company or any other third-party suppliers any other necessary equipment or software packages to facilitate participation in this program. While Customers are encouraged to use such equipment or software packages to maximize benefits under this Program, it is not a requirement for program participation. It is Customer's responsibility to ensure the compatibility of third-party equipment or software packages with any Company owned equipment or software packages.

#### SPECIAL TERM AND CONDITIONS

Except as provided in this Rate RTP, all terms, conditions, rates, and charges outlined in the Standard Rate Schedule will apply. Participation in the RTP Program will not affect Customer's obligations for electric service under the Standard Rate Schedule.

Customers who terminate their service agreement under this Rider RTP after the initial one (1) year term shall be ineligible to return to the program for twelve (12) months from the termination date.

The primary term of service is one (1) year consisting of a consecutive twelve month period.

Customers returning to the standard tariff shall have any historical demands in excess of the CBL, waived for purposes of calculating applicable billing demands.

The supplying and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission.

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#### EMERGENCY ELECTRIC PROCEDURES

#### APPLICABILITY

In the event of an energy emergency which necessitates curtailment of electric service, Duke Energy Kentucky, Inc. may curtail electrical service to its customers in the manner set forth herein, either at its sole discretion, or under applicable policies, guidelines, directives or procedures issued by the <u>ReliabilityFirst</u>, National Electric Reliability Council (NERC), <u>PJM Interconnection LLC</u>, (<u>PJM</u>), 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 <u>Reliability</u> <u>First</u>, NERC, <u>PJM</u>, 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 II, 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;
- (F) water pumping plants essential to the supply of potable water to a community;
- (G) sewage plants essential to the collection, treatment or disposal of a community's sewage;

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#### II. Essential Customers (Contd.)

(H) emergency management and response facilities and the county-wide "911" system;

- (I) nursing homes;
- (J) central office telephone switching stations; and
- (K) blood banks.

I

Duke Energy Kentucky, Inc. does not guarantee a continuous and uninterrupted flow of power to any customer. Power interruptions may occur due to many causes other than the emergency procedures set forth herein. Further, essential customers should expect that their power may be interrupted in the event of an emergency due to the nature of the emergency and the normal configuration of electric supply systems.

Essential customers are responsible for anticipating the possibility that power may be interrupted and for developing contingency plans if continuity of service is essential. Such contingency plans may include installing on-site backup generation, uninterruptible power supplies, other alternative power sources or evacuation to another location.

Duke Energy Kentucky, Inc. will make reasonable efforts to maintain service to essential customers during an emergency and will attempt to minimize the time period of any interruption, when practical. Duke Energy Kentucky, Inc. may, however, curtail power to essential customers during an emergency. Duke Energy Kentucky, Inc. will attempt to identify essential customers and maintain a list of these customers for its load curtailment plans. Duke Energy Kentucky, Inc. will verify and update this list annually and review its curtailment rotation schedules in an attempt to minimize the number of essential customers affected by curtailment.

Residential customers may request to participate in Duke Energy Kentucky, Inc's program for critical customers. Residential customers requesting to participate in this program must initially obtain a Medical Certificate from a licensed physician as to the need for and use of life support equipment in their household and must submit the certificate to Duke Energy Kentucky, Inc. along with their request to enroll in the program.

Upon enrollment in the program, Duke Energy Kentucky, Inc. will notify the customer in writing of the customer's options and responsibilities during an interruption, such as the need for backup generation, uninterruptible power supplies, other alternative power sources or evacuation to another location. Duke Energy Kentucky, Inc. will also notify these customers that it cannot guarantee a continuous and uninterrupted flow of power. Duke Energy Kentucky, Inc. will annually verify the customers' eligibility to continue to participate in the program.

Any non-residential customer may apply to be considered an essential customer, provided they must notify Duke Energy Kentucky, Inc. in writing of this request and provide the specific reasons why they should be considered an essential customer. Duke Energy Kentucky, Inc. will respond in writing within ten days of receipt of the request informing the customer whether, in Duke Energy Kentucky, Inc.'s sole discretion, they will be classified as a non-residential essential customer. Non-residential essential customers are also encouraged to develop contingency plans for use during an emergency, such as the need for backup generation, uninterruptible power supplies, other alternative power sources or evacuation to another location.

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#### II. Essential Customers (Contd.)

Essential customers should prepare to implement their contingency plans any time that Duke Energy Kentucky makes a public appeal for voluntary conservation, due to the possibility that Duke Energy Kentucky, Inc. may experience an emergency during such time that Duke Energy Kentucky, Inc. makes public appeals for voluntary conservation.

If Duke Energy Kentucky, Inc. has adequate advance notice that an emergency may occur, then Duke Energy Kentucky, Inc. will attempt to call critical customers to alert them of the possibility of a power interruption. Due to the frequently sudden onset of an emergency and the time necessary to contact all critical customers, Duke Energy Kentucky, Inc. may not be able to contact critical customers in advance of an emergency.

#### III. Remedial Measures in the Event of Emergency

In case of an emergency, Duke Energy Kentucky, Inc. will exercise the following series of load reduction measures to match the load with available generation. These measures are arranged in order of severity of the measures necessary to alleviate the emergency conditions presented. In the case of a sudden or unanticipated emergency, the urgency of the situation may require Duke Energy Kentucky, Inc. to immediately implement the more severe measures.

#### **Pricing Signals and Special Contracts**

Duke Energy Kentucky, Inc. offers a variety of pricing signals using approved tariffs and special contracts to encourage customers to reduce their load when generation is in short supply. Participating customers may elect to voluntarily reduce their demand based on the terms of these tariffs and contracts.

#### Internal Conservation

Duke Energy Kentucky, Inc. will reduce its own energy consumption by instructing its employees to adjust thermostats, turn off lights and reduce other non-essential loads at Duke Energy Kentucky, Inc.'s facilities.

#### Voltage Reduction

Duke Energy Kentucky, Inc. may reduce voltages. However, Duke Energy Kentucky, Inc. will not reduce voltage more than 5% below normal allowable ranges.

#### Public and Targeted Appeals for Voluntary Conservation

Duke Energy Kentucky, Inc. will issue news releases to request customers to voluntarily conserve . electricity, with suggestions on how to conserve. Duke Energy Kentucky, Inc. will also contact large commercial and industrial customers (1000 kW or more) requesting them to conserve energy.

Depending on the nature of the emergency, Duke Energy Kentucky, Inc. will issue additional news releases advising customers of a more critical need for voluntary conservation and also notifying customers that Duke Energy Kentucky, Inc. may implement rotating blackouts if the emergency conditions are not alleviated. Duke Energy Kentucky, Inc. will contact large commercial and industrial customers (1000 kW or more) requesting them to curtail all non-essential load.

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#### Automatic Reserve Sharing

Automatic Reserve Sharing is a standard method for utilities to aid an adjoining, interconnected utility whose power reserves are low by transmitting power through the interconnection points to raise the reserves of the affected utility. In time of emergency, Duke Energy Kentucky, Inc. may utilize Automatic Reserve Sharing.

#### III. Remedial Measures in the Event of Emergency (Contd.)

#### Manuai, 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., it is likely that Duke Energy Kentucky, Inc. will interrupt power to some essential customers if involuntary load curtailment procedures become necessary to alleviate emergency conditions. Duke Energy Kentucky, Inc. will adjust manual involuntary curtailment schedules and attempt to provide advance notification to essential customers if involuntary load curtailment customers if involuntary load curtailment customers if involuntary curtailment customers if opposed advance notification to essential customers if involuntary load curtailment customers if involuntary load curtailment customers if involuntary curtailment

Duke Energy Kentucky, Inc. will advise the Commission of the nature, time and duration of all implemented emergency conditions and procedures which affect normal service to customers.

Duke Energy Kentucky, Inc. may initiate the following actions, as it deems appropriate, in the event of an emergency where curtailment is imminent or necessary.

(A) If Duke Energy Kentucky, Inc. is unable to balance its generation and interchange schedules to its load after using all available resources, Duke Energy Kentucky, Inc. may, at its

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[	discretion, declare an emergency Commonwealth to the Coordinator.	NERC/ <u>ReliabilityFirst</u> Security	- · · (	Deleted: ECAR
	(B) Duke Energy Kentucky, Inc. may enter into power purchases resources are reasonably available and transmission loading w			
	(C) Duke Energy Kentucky, Inc. may use any or all of the rem above.	nedial measures in section III,		
	(D) If the transmission system frequency is above 59.8 Hz and cannot reasonably balance resources to load, then Duke Ene firm load to balance resources to load.			
	(E) If the transmission system frequency is at or below 59.8 Hz, th may curtail firm load to balance resources to load.	en Duke Energy Kentucky, Inc.		
	(F) If the transmission system frequency is at or below 59.7 Hz, th may curtail firm load to assist in maintaining regional system in			
	Automatic under-frequency load shedding may occur in the event frequency on the <u>ReliabilityFirst</u> System or a sudden breakup that isola transmission system from other interconnected transmission system shed may occur according to the following schedule, with each ste additional five percent of load as compared to the system load:	ates all or parts of the Kentucky is. The under-frequency load	source of the second second se	ormatted: Font: Times New Roman, 10 pt Deleted: ECAR ormatted: Font: Times New Roman, 10 pt
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	Under these circumstances, Duke Energy Kentucky, Inc. will interrupt circuits and lines serving customers throughout its assigned service a Inc.'s sole discretion.	t power of selected distribution Irea at Duke Energy Kentucky,	. <b>(Fo</b>	wrmatted: Font: Times New Roman, 10 pt
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	(A) Duke Energy Kentucky, Inc. may, at its discretion, interrupt po	wer to controlled service loads		i: 0
	and to loads rendered service under interruptible tariffs.			1: September 30
t	(B) Duke Energy Kentucky, Inc. may reduce voltage up to	five percent when deemed	<u>(T)</u>	
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(C) Duke Energy Kentucky, Inc. may manually shed load.

Duke Energy Kentucky, Inc. shall not be liable for power interruptions attributable to:

- (A) the availability of or malfunctions in generation or transmission facilities;
- (B) malfunctions in the local distribution system due to conditions beyond Duke Energy Kentucky. Inc.'s control, such as storms, floods, vandalism, strikes, fires, or accidents caused by third parties:
- (C) Duke Energy Kentucky, Inc. following any applicable orders, policies, guidelines, directives or procedures issued by the Commission, governmental authorities, ReliabilityFirst, National Electric Reliability Council (NERC), PJM, or their successor organizations; provided that Duke Energy Kentucky, Inc. makes reasonable efforts to restore service as soon as reasonably practicable.
- **Transmission Emergency Rules** ٧.

Notwithstanding the above procedures, when Duke Energy Kentucky, Inc. experiences on its transmission facilities an emergency or other event that necessitates the curtailment or interruption of service, Duke Energy Kentucky, Inc. will not curtail or interrupt retail electric service within Duke Energy Kentucky, Inc.'s certified territory, except for service to those customers who have agreed to receive interruptible service, until after Duke Energy Kentucky, Inc. has interrupted service to all other Duke Energy Kentucky, Inc. customers whose interruption may relieve the emergency or other event.

Notwithstanding the foregoing, Duke Energy Kentucky, Inc. may be liable for damages resulting from power interruptions attributable to its gross negligence or willful misconduct.

The provisions of these Emergency Electrical Procedures are subject to the provisions of Duke Energy Kentucky, Inc.'s Retail Electric Tariff, as then in effect and approved by the Commission, including but not limited to the provisions of Duke Energy Kentucky, Inc.'s General Terms And Conditions For Electric Service.

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# Schedule L-2.2 Page 145 of 152 Responsible Witness: Bruce Sailers

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RATE MDC		
METER DATA CHARGES FOR ENHANCED USAGE	DATA SERVICES	<b>Formatted:</b> Font: Times New Roman, 10 pt
APPLICABILITY This aptional program applies to peoprosition rateil customers	leasted in the Company's applies.	Formatted: Indent: Left: 0.25"
	nal program applies to non-residential retail customers located in the Company's service- nat have meter pulse equipment and/or interval metering equipment and who elect to erroll in	
the Energy Profiler Online (EPO) or successor service.	Deleted: to	
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Energy Profile Online <sup>™</sup> Customers electing the E <u>PQ</u> option will be required to enroll online, a	Deleted: En-Focus	
Terms and Conditions of the EPO program, presented to the custom	Deleted: program	
company will provide data to the customer, using internet technology	Formatted: Font: Times New Roman, 10 pt	
and utilized at the company's discretion, under the following option b	Deleted: EN-FOCUS	
provided.		Formatted: Font: Times New Roman, 10 pt
Electronic monthly interval data with graphical capability		Deleted: n-Focus
accessed via the Internet with $EPO_{T}^{TM}$ )	\$20.00 per month	Deleted: n-Focus
		Deleted: (
SERVICE REGULATIONS		Deleted: n-Focus
The supplying of, and billing for, service and all conditions app	lying thereto, are subject to the	
jurisdiction of the Kentucky Public Service Commission, and to currently in effect, as filed with the Kentucky Public Service Commiss		Formatted: Font: Times New Roman, 10 pt

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sued by authority of an Order of the Kentucky	Public Service Commission datedin Case No. 2017-	Deleted: December 21, 2006
0 <u>321</u>		Deleted: 06
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### Schedule L-2.2 Page 146 of 152 Responsible Witness: Bruce Sailers

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Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018 KY P.S.C. Electric No. 2 Original Sheet No. 125 Page 1 of 2

### RIDER DCI DISTRIBUTION CAPITAL INVESTMENT RIDER

APPLICABILITY

Applicable to all retail sales in the Company's electric service area beginning with the billing month April 2019. This rider does not apply to customers taking service under Rate TT, Time of Day Rate for Service at Transmission Voltage.

#### CALCULATION OF RIDER DCI REVENUE REQUIREMENT

The Rider DCI revenue requirement includes the following:

- a. DCI-related Plant In-Service not included in base electric rates minus the associated DCIrelated accumulated depreciation and accumulated deferred income taxes;
- <u>b.</u> Retirement and removal of plant related to DCI-related construction;
- c. The rate of return on the net rate base is calculated using the cost of debt and pretax cost of equity from the most recent electric base rate case;
- d. Depreciation expense on the DCI-related Plant In-Service less retirements and removals; and
- e. Property taxes related to DCI-related Plant.

#### DEFINITIONS

DCI-related plant includes those facilities and equipment constructed pursuant to Commissionapproved programs and projects to improve distribution reliability.

#### **CHARGES**

The applicable energy or demand charge for electric service shall be increased or decreased to the
nearest \$0.000001 per kWh or \$0.01 per kW to recover the revenue requirement associated with
incremental distribution capital costs incurred by the Company. This Rider shall be adjusted
periodically to recover amounts authorized by the Commission.

Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_\_ in Case No. 2017-00321.

Issued: September 1, 2017

Effective: October 1, 2017

### Schedule L-2.2 Page 147 of 152 Responsible Witness: Bruce Sailers

Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018 KY P.S.C. Electric No. 2 Original Sheet No. 125 Page 2 of 2

Rate Group Rate	
Kate Group	Formatted: Underline
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Rate EH, Optional Rate for Electric Space Heating 0.000000 (I)	Formatted: Underline
Rate GS-FL, Optional General Service Rate for Small Fixed Loads 0.000000	Formatted: Underline
Rate SP, Seasonal Sports Service	Formatted: Underline
Pate UOLS Upmatered Outdoor Liebing	Formatted: Underline
Rate NSU, Street Lighting Service for Non-Standard Units 0.000000 ()	Formatted: Underline
Rate SC, Street Lighting Service – Customer Owned	Formatted: Underline
Rate SE, Street Lighting Service – Overhead Equivalent 0.000000 0	Formatted: Underline
Rate LED, LED Outdoor Lighting Electric Service 0.000000	Formatted: Underline
• • • • • • • • • • • • • • • • • • •	Formatted: Underline
( <u>\$ / kW</u> )	Formatted: Underline
Rate DS. Service at Secondary Distribution Voltage	Formatted: Underline
Rate DP, Service at Primary Distribution Voltage 0.00 Rate DT, Time-of-Day Rate for Service at Distribution Voltage – Primary 0.00	Formatted: Underline
Date DT. Time of Date for Oracion of Distribution Mallance Oracidate and Orac	Formatted: Underline
	Formatted: Underline
BERVICE REGOLATIONS, FERNIS AND CONDITIONS	Formatted: Underline
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of the Kentucky Public Service Commission, and to Company's Service Regulations currently in (1) r effect, as filed with the Public Service Commission of Kentucky.	Formatted: Underline
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Issued by authority of an Order of the Kentucky Public Service Commission dated \_\_\_\_\_\_ in Case No. 2017-00321.

Issued: September 1, 2017

Effective: October 1, 2017

### Schedule L-2.2 Page 148 of 152 Responsible Witness: Bruce Sailers

Duke Energy Kentucky, Inc.	KY, P.S.C. Electric No. 2
4580 Olympic Blvd.	Original Sheet No. 126
Erlanger, Kentucky 41018	Page 1 of 2

FERC TRANSMISSION COST RECONCILIATION RIDER	(N)	
APPLICABILITY Applicable to all retail sales in the Company's electric service area beginning with the billing month April 2018.	(N) (N) (N)	Formatted: Underline
DEFINITIONS The applicable energy charge for electric service shall be increased or decreased to the nearest \$0.000001 per	(N) (N) (N)	
<u>kWh to reflect the recovery of Incremental Transmission Expense (ITE) equal to the difference between the actual transmission costs invoiced by a Regional Transmission Organization (RTO) pursuant to its FERC-approved tariffs and the amount of such costs included in base rates according to the following formula.</u>	(N) (N) (N) (N)	
Rider FTR Factor = (ITE + R) / S	(N) (N)	
<ol> <li>Quarterly ITE is the incremental transmission costs over the amount included in base rates and equals:</li> </ol>	(N) (N) (N)	
Quarterly ITE = CPTE - BRTE	(N) (N) (N)	
Where,	(N) (N)	
a. <u>CPTE = Quarterly transmission expense.</u>	(N) (N)	
b. <u>BTRE = One fourth of the transmission expense included in base rates for Kentucky</u> retail customers. (The annual amount of \$18,963,763 ÷ 4 = \$4,740,941)	(N) (N) (N)	
(2) <u>Current Period Transmission Expense, CPTE</u>	(N) (N)	
$\underline{CPTE} = NITS + PTP + TOA + ADM + TEC + O$	(N) (N)	
Where,	(N) (N)	
NITS = Network Integration Transmission Service Charges and Credits (Attachment H- 22A)	(N) (N) (N)	
PTP = Point to Point (PTP) Transmission Service (Schedule 7 and 8)	(N) (N)	Formatted: Underline
TOA = Transmission owner scheduling, system control and dispatch service (Schedule 1A)	(N) (N) (N) (N)	(Formatted: Underline
ADM = RTO Administrative Charges (Schedule 9 and 10)	(N) (N) (N)	
Issued by authority of an Order of the Kentucky Public Service Commission dated in Case No. 2017-00321.	(N) (N)	
Issued: September 1, 2017 Effective: October 1, 2017	(N) (N) (N)	
Issued by James P. Henning, President	(N) (N) (N)	
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### Schedule L-2.2 Page 149 of 152 Responsible Witness: Bruce Sailers

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Duke Energy Kentucky, Inc.	KY. P.S.C. Electric No. 2
4580 Olympic Blvd.	Original Sheet No. 126
Erlanger, Kentucky 41018	Page 2 of 2

Transmission Enhancement Charges (Schedule 12) TEC  $\Xi$ 0 = Other RTO Transmission Costs (3) <u>R</u> = Reconciliation of prior period Rider FTR actual revenue to the amount calculated for the period. (4) <u>S</u> = Current guarter sales in kWh used in the current guarter's monthly Rider FAC calculations... **RIDER FTR FACTORS** (N) Rate Group Rate (N) (\$<u>/ kWh)</u> (N) Rate RS, Residential Service 0.000000 (N) 0.000000 Rate DS, Service at Secondary Distribution Voltage (N) 0.000000 Rate DP, Service at Primary Distribution Voltage `(N)

	Rate DT, Time-of-Day Rate for Service at Distribution Voltage	<u>0.000000</u>	`(N)	Formatted: Underline
	Rate EH, Optional Rate for Electric Space Heating	<u>0.000000</u>	(N)	Formatted: Underline
	Rate GS-FL, General Service Rate for Small Fixed Loads	<u>0.000000</u>	(N)`. (N)	Formatted: Underline
	Rate SP, Seasonal Sports Service	<u>0.000000</u>	(N)	Formatted: Underline
	Rate SL, Street Lighting Service	<u>0.000000</u>	(N)	Formatted: Underline
	Rate TL, Traffic Lighting Service	0.000000	(N)	
	Rate UOLS, Unmetered Outdoor Lighting	<u>0.000000</u>	(N) .	Formatted: Underline
	Rate NSU, Street Lighting Service for Non-Standard Units	<u>0.000000</u>	(N)	Formatted: Underline
	Rate SC, Street Lighting Service – Customer Owned	0.000000	·(N)	Formatted: Underline
	Rate SE, Street Lighting Service - Overhead Equivalent	0.000000	(N)	Formatted: Underline
	Rate LED, LED Street Lighting Service	0.000000	( <u>N</u> ) · (N) ·	Formatted: Underline
	Rate TT, Time-of-Day Rate for Service at Transmission Voltage	0.000000	(N) (N)	
	<u>Other</u>	<u>0.000000</u>	(14)	Formatted: Underline
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SER	VICE REGULATIONS, TERMS AND CONDITIONS		$< \sqrt{N} ^{-1}$	Formatted: Underline
	The supplying and billing for service and all conditions applying thereto, are subject			Formatted: Underline
	Kentucky Public Service Commission, and to Company's Service Regulations currer	tly in effect, as filed with	· ·	Formatted: Underline
	the Public Service Commission of Kentucky.			

Issued by authority of an Order of the Kentucky Public Service Commission dated

\_\_\_\_\_ in Case No. 2017-00321. Effective: October 1, 2017

Issued: September 1, 2017



Schedule L-2.2 Page 150 of 152 Responsible Witness: Bruce Sailers

	Account Number 1212-1212-12-4	80	21	Due Date     Amount Due       mmm dd, yyyy     \$ 78.79
				S S WinterCare Contribution Amount Enclosed (for Customer Assistance)
_	Current Customer 12345 Your Street Your City ST 12345-1234			PO Box 9001076 Louisville KY 40290-1076

# 200 0000078794 12121212124 mmmddyyyy2 0000080867

						Page 1 of 2
Name/Service Addr	ess		For Inq	uiries Call	Ac	count Numbe
Current Customer 12345 Your Street Your City ST 12	345-1234	Duke Ener	ву	1-800	-123-4567 12	212-1212-12-
Mail Payments To	lineral de la		A	ccount Informati	on.	
PO Box 9001076 Louisville KY 402 Urgent N		Last payme	after mmm dd r ent received mr tion of the bill w		Il Prepared on mn ext meter reading he message text.	
Meter Number	Reading From	z Date To	Days	Merer I Previous	Reading Present	Usage
Gas 111111111 Elec 222222222	mmm dd mmm dd	mmm dd mmm dd	30 30	1975 21202	1993 21789	18 587
Gas – Residential	•		Curren	t Billing	an an c	
Usage - 18 C	CE		A mt D	ue - Provious Bill		\$ 100.87

Current Billing				
Amt Due - Previous Bill	\$ 100.87			
Payment(s) Received	100.87 cr			
Balance Forward	0.00			
Current Gas Charges	\$ 33.20			
Current Electric Charges	41.34			
Taxes	4.25			
- Current Amount Due	\$ 78.79			
	Amt Due - Previous Bill Payment(s) Received Balance Forward Current Gas Charges Current Electric Charges Taxes Current Amount Due			

Printed on recycled paper and is recyclable.

Taxes

Taxes

Non-Urgent Bill Messages appear in this section of the bill

\$ 4.25

Due Date	Amount Due	After mmm dd, yyyy	
mmm dd, yyyy	\$ 78,79	\$ 80.86	_



Schedule L-2,2 Page 151 of 152 Responsible Witness: Bruce Sailers

Name	Service Address	;	Account Numbe					
Current Customer	12345 Your St Your City ST 12	2345-1234	1212-1212-12-4					
	Explanation of Current	Charges						
Gas	Duke Energy							
Meter # 111111111 CCF Usage - 18	Rate RS – Residential Service							
••• •••	Customer Charge	S xx.xx						
	Gas Delivery Charge							
նն ատա - նն ատա	18 CCF @ Sx.xxxxxx	XX.XX	1					
30 Days	Gas DSM Rider							
	18 CCF @ S x.xxxxxx	x.xx						
	Rider MSR-G							
	18 CCF @ Sx.xxxxxxx cr	x.xx						
	Gas Cost Recovery		\$ xx.xx					
	18 CCF @ Sx.xxxxxxx	xx.xx						
	Tatal Current Gas Charges							
Electric	Duke Energy							
Meter # 222222222	Rate RS - Residential Srvs-xxxxxx							
kWh Usage 587								
	Customer Charge	S x.xx						
mmm dd - mmm dd	Energy Charge							
30 Days	587 kWh @ S x.xxxxxxx	x.xx						
	Elec DSM Rider							
	587 kWh @ Sx.xxxxxxx	x.xx						
	Elec ESM Rider							
	587 kWh @ S x.xxxxxxx	<u>x.xx</u>						
	Elec FTR Rider							
	<u>587 kWh @ \$ x.xxxxxxx</u>	<u>x.xx</u>						
	Elec DCI Rider							
	<u>587 kWh @ \$ x.xxxxxxx</u>	x.xX						
	Rider PSM							
	587 kWh @ S x.xxxxxxcr	x.xxcr						
	Elec Fuel Adjustment							
	587 kWh @ \$ x.xxxxxxxer	x.xxcr	\$ xx.xx					

	Explanation of Tax	es	
Taxes			
	Rate Incr for School Tax	S x.xx	
	Kentucky State Tax	XX.XX	\$ xx.xx
		Tatal Taxes	S xx.xx

### Charts and Graphs inserted here

	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB
Gas	143	87	58	24	38	7	27	17	29	142	238	191	18
Electric	1025	1209	1211	1478	1855	1689	1698	1528	1035	1376	1575	1352	587

Schedule L-2.2 PAPP152 61152 **Responsible Witness: Bruce Sailers** 

## **Bill Payment Made Easy**

Paperless Billing - View and pay your bill for free by registering at www.duke-energy.com Payment Advantage - Free Service, payment automatically drafts from your bank account. Enroll at www.duke-energy.com/paymybill or call 1-800-544-6900.

Speedpay\*- Pay by phone 1-800-544-6900 with credit card or check. A convenience fee will be charged.

#### EXPLANATION OF ESTIMATED CHARGES

Meters are scheduled to be read monthly. Regular meter readings are essential for accurate billing. When we are unable to read a meter, the usage is estimated based on previous bills. An estimated read will be considered the same as an actual read.

#### PAYMENT OF BILLS

In order to avoid paying a late charge, please mail your payment to Duke Energy several days before the due date. Or, if you prefer, you may pay by phone through Speedpay, pay online with Paperless-Billing, or pay automatically through Payment Advantage. Payments can also be made at a Pay Agent location. For more information about our bill payment options, please visit us at www.duke-energy.com or call 1-800-544-6900. When you pay by check, you authorize us to convert your check into a one-lime electronic check payment or to process the payment as a regular check transaction.

Disconnection of your utility service(s) will not result from failure to pay any non-tariffed or non-regulated products or services.

#### LATE PAYMENT CHARGE INFORMATION

A penalty may be assessed if a customer fails to pay a bill for services by the due date shown on the customer's bill. The penalty may be assessed only once on any bill for rendered services

### EXPLANATION OF BILL LANGUAGE

(The following terms will not appear on every bill)

BBP Cycle	Period of time used to calculate the current Budget Billing monthly installment amount.	Elec. Rate	Code that identifies the rate used to determine the Electric Usage Charge.
CCF	Gas usage, measured in hundreds of cubic feet.	EST or E	Estimated Meter Read.
CR	Credited amount.	Gas Rate	Code that identifies the rate used to determine the Gas Usage Charge.
Current Gas Charges	Total of all charges based on gas usage during the current billing period.	kWh	Electric usage measured in kilowatt-hours.
Customer Charge	Charge for administrative costs, including meter reading, billing, and collecting. The Customer Charge for each service includes 10 cents for an	Late Payment	Additional charge added to the bill if the Amount To Pay is not received in full by the due date.
	energy assistance program approved by the Public Service Commission.	Meter Multiplier	Constant numbar that the meter reading usage is multiplied by to obtain the energy usage.
		Usage	Amount of energy used during the billing period.

#### GAS COST INFORMATION

The GAS COST ADJUSTMENT (GCA) rate is the cost (per 100 cubic feet) of gas we purchase from our suppliers. This rate varies periodically as gas prices to us increase or decrease. Duke Energy makes no profit on this charge since it is based on the actual cost we pay our suppliers for the gas we purchase and resell. The GCA amount is included in your total bill as an addition to the Gas Usage Charge, which covers our normal operating expenses for delivering gas to you.

#### ELECTRIC COST INFORMATION

The ELECTRIC FUEL ADJUSTMENT (EFA) rate is the increase or decrease (since determination of the Base Period Fuel Cost) in the cost of fuel purchased from our supplier and used to generate electricity. The EFA rate is computed monthly according to a formula established by the Kentucky Public Service Commission. Duke Energy makes no profit on the EFA since it is based on the actual cost of fuel used to generate electricity. The amount of the EFA is included in your total bill.

#### BILLING OR SERVICE INQUIRIES

If you have a question about your bill or service, call us at 1-800-544-6900. You may also write to our Customer Services Department at P.O. Box 960, Mail Drop 309C, Cincinnati, OH 45201, contact us by fax at 1-800-366-4704, or e-mail us at www.duke-energy.com. Rate schedules and service regulations are available upon request.

#### SECURITY DEPOSIT INFORMATION

If the utility will or may retain either an equal or calculated deposit for more than eighteen (18) months, at the customer's request, the deposit wi calculated every eighteen (18) months based on actual usage of the customer. If the deposit on account differs by more than ten (10) dollars for residential customers, or by more than ten (10) percent for nonresidential customers, from the deposit calculated on actual usage, then the utility shall refund any over-collection and may collect any overpayment.

#### **BUSINESS HOURS** OFFICE HOURS:

Cincinnati - 8:00 a.m. - 5:00p.m. Monday - Friday Erlanger- 8:00 a.m. - 5:00 p.m. Monday - Friday

Payments and Customer Service are not offered at either location

For Correspondence: PO Box 1326 Charlotte, NC 28201

SERVICE EMERGENCY NUMBERS Gas Trouble - 1-800-634-4300 Electric Trouble - 1-800-543-5599

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Before

KENTUCKY PUBLIC SERVICE COMMISSION

ELECTRIC CASE NO. 2017-00321

IN THE MATTER OF THE APPLICATION OF DUKE ENERGY KENTUCKY FOR AUTHORITY TO INCREASE ITS RATES FOR ELECTRIC SERVICE TO ALL JURISDICTIONAL CONSUMERS

SECTION M

# SECTION M

# REVENUES AT PRESENT AND PROPOSED RATES

# DUKE ENERGY KENTUCKY

Base Period: Twelve Months Ended November 30, 2017

Forecasted Period: Twelve Months Ended March 31, 2019

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# Schedules

- M Revenues at Present and Proposed Rates
- M-2.1 Base Period Revenues at Average Rates
- M-2.2 Revenues at Current Rates
- M-2.3 Revenues at Proposed Rates

# DUKE ENERGY KENTUCKY, INC. CASE NO. 2017-00321 **REVENUES AT PRESENT AND PROPOSED RATES** FOR THE TWELVE MONTHS ENDED November 30, 2017 (ELECTRIC SERVICE)

DATA: \_\_X\_ BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S) .: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

37

SCHEDULE M PAGE 1 OF 1 WITNESS: B. L. SAILERS

REVENUE AT **REVENUE AT** REVENUE % OF LINE PROPOSED CHANGE REVENUE RATE PRESENT NO. CLASSIFICATION RATES RATES (AMOUNT) CHANGE (E=D / B) (A) (B) (C) (D=C-B) (\$) (\$) (\$) RESIDENTIAL RESIDENTIAL SERVICE (RS) 22,536,436 1 129,123,808 151,660,244 17.45% 2 TOTAL RESIDENTIAL 129,123,808 151,660,244 22,536,436 17.45% DISTRIBUTION DISTRIBUTION SERVICE (DS) 91,350,197 104,407,142 13,056,945 14.29% 3 DT PRIMARY TIME OF DAY (DT-PRI) 4 31,328,625 35,313,794 3,985,169 12.72% DT SECONDARY TIME OF DAY (DT-SEC) 52,959,130 6,390,213 13.72% 46.568.917 5 ELECTRIC SPACE HEATING (EH) 91,172 6 640,693 731,865 14.23% SPORTS SERVICE (SP) 29,375 32,760 3,385 11.52% 7 SMALL FIXED LOADS (GSFL) 85,667 14.35% 8 596,775 682,442 PRIMARY VOLTAGE (DP) 166,558 9 948,402 1,114,960 17.56% 10 TOTAL DISTRIBUTION 171.462.984 <u>195,242</u>,093 23,779,109 <u>13.87%</u> TRANSMISSION TIME OF DAY (TT) 11 12,528,693 13,922,324 1,393,631 <u>11.12%</u> 12 TOTAL TRANSMISSION 12,528,693 13,922,324 1,393,631 11.12% REAL TIME PRICING DT PRIMARY-REAL TIME PRICING (DT-RTP PRI) 0 Û 0 13 DT SECONDARY-REAL TIME PRICING (DT-RTP SEC) 141,597 177,120 35,523 25.09% 14 15 DS-REAL TIME PRICING (DS-RTP) 25,921 28,500 2,579 9.95% TT-REAL TIME PRICING (TT-RTP) <u>11.67%</u> 16 414,116 462,458 48,342 <u>14.86%</u> TOTAL REAL TIME PRICING 17 581,634 668,078 86,444 LIGHTING STREET LIGHTING (SL) 1,346,952 1,506,798 159,846 11.87% 18 TRAFFIC LIGHTING (TL) 71,559 8.406 11.75% 19 79,965 20 UNMETERED OUTDOOR LIGHTING (UOLS) 207,553 231,852 24,299 11,71% 21 NON STANDARD STREET LIGHTING (NSU) 62,007 69,359 7,352 11.86% 22 23 CUST OWNED STREET LIGHTING SERVICE (SC) 435 11.72% 24 3,713 4,148 25 OVERHEAD EQUIV STREET LIGHTING SERVICE (SE) 191,062 213,712 22,650 11.85% TOTAL LIGHTING 222,988 26 1.882.846 2,105,834 11.84% INTERDEPARTMENTAL 0 0.00% 27 52,074 52,074 SPECIAL CONTRACTS 0 <u>0.00%</u> 28 7.713 7,713 48,018,608 15.21% TOTAL RETAIL REVENUE 315,639,752 363,658,360 29 OTHER MISCELLANEOUS REVENUE 0.00% PJM AND TRANSMISSION 0 3.984.486 3,984,486 30 0.00% BAD CHECK CHARGES 23,092 23,092 0 31 32 **RECONNECTION CHARGES** 189,382 189,382 0 0.00% 117,775 0 0.00% POLE AND LINE ATTACHMENTS 117.775 33 0 0.00% 34 RENTS 930,344 930,344 35 OTHER MISCELLANEOUS 19,330,403 19,330,403 Û <u>0.00%</u> TOTAL MISCELLANEOUS REVENUE 24,575,482 24,575,482 0 <u>0.00%</u> 36 388,233,842 340,215,234 48,018,608 14.11% TOTAL REVENUE

# DUKE ENERGY KENTUCKY, INC. CASE NO. 2017-00321 TEST PERIOD REVENUES AT CURRENT RATES FOR THE TWELVE MONTHS ENDED November 30, 2017 (ELECTRIC SERVICE)

DATA: \_\_X\_\_BASE PERIOD \_\_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

SCHEDULE M-2,1 PAGE 1 OF 1 WITNESS: B. L. SAILERS

# TEST PERIOD REVENUES AT CURRENT RATES

			<b>4</b>		TEST PERIOD	• • • • • • • • • • • • • • • • • • • •	% OF REV TO TOTAL		TEST PERIOD	
LINE	RATE	CLASS /	CUSTOMER		FUEL COST	AVERAGE	EXCLUSIVE OF	FUEL COST	REVENUE	% OF REV
NO.	CODE	DESCRIPTION	BILLS	SALES	REVENUE	RATE	FUEL COST	REVENUE	TOTAL	TO TOTAL
	(A)	<i>(B)</i>	(C)	(D)	(E)	(F=E/D)	(G)	(H)	(1)	(J)
				(KWH)	(\$)	(¢/KWH)	(%)	(\$)	(\$)	(%)
1	RS	RESIDENTIAL SERV	1,525,197	1,453,752,034	127,629,351	8.7793	37.96	1,494,457	129,123,808	37.94
2	DS	DISTRIBUTION SERV	157,022	1,115,844,489	90,203,109	8.0838	26,83	1,147,088	91,350,197	26,85
3	DT-PRI	TIME OF OAY	443	492,952,443	30,821,870	6.2525	9.17	506,755	31,328,625	9.21
4	DT-SEC	TIME OF DAY	1,786	683,434,130	45,866,347	6.7112	13.64	702,570	46,568,917	13.69
5	EH	ELEC SPACE HEATING	502	9,803,357	630,615	6.4326	0.19	10,078	640,693	0,19
6	SP	SPORTS SERV	184	269,849	29,098	10.7831	0.01	277	29,375	0.01
7	GSFL	SMALL FIXED LOADS	540	6,194,943	590,407	9.5305	0.18	6,368	596,775	0.18
8	DP	PRIMARY VOLTAGE	120	13,046,582	934,990	7.1666	0.28	13,412	948,402	0.28
9	тт	TIME OF DAY	156	213,269,428	12,309,452	5.7718	3.66	219,241	12,528,693	3.68
10	DT-RTP PRI	REAL TIME PRICING	0	0	0	-	-	0	0	-
11	DT-RTP SEC	REAL TIME PRICING	24	4,131,069	141,597	3.4276	0,04	0	141,597	0.04
12	DS-RTP	REAL TIME PRICING	36	299,922	25,921	8.6426	0.01	0	25,921	0.01
13	TT-RTP	REAL TIME PRICING	24	12,915,280	414,116	3.2064	0.12	0	414,116	0.12
14	SL	STREET LIGHTING	138,477	10,839,811	1,335,809	12.3232	0.40	11,143	1,346,952	0.40
15	TL	TRAFFIC LIGHTING	94,895	1,438,465	70,080	4.8719	0.02	1,479	71,559	0.02
16 17	UOLS	UNMTRD OUTDR LIGHT	85,492	5,454,321	201,946	3.7025	0.06	5,607	207,553	0.06
18 19	NSU	NON STD STREET LIGHT	8,364	405,021	61,591	15.2069	0.02	416	62,007	0.02
20	SC	CUST OWNED STREET LIGHTING	2,064	97,596	3,613	3,7020	-	100	3,713	-
21	SE	OVR HD EQUIV STREET LIGHTING	24,744	1,476,997	189,543	12.8330	0.06	1,519	191,062	0.06
<b>2</b> 2	ID01	INTERDEPARTMENTAL	12	729,253	51,324	7.0379	0.02	750	52,074	0.02
23	IS	PJM AND TRANSMISSION	0	0	3,984,486	-	1.19	0	3,984,486	1.17
24		BAD CHECK CHARGES	0	0	23,092	-	0.01	0	23,092	0.01
25		RECONNECTION CHGS	0	0	189,382	-	0.06	0	189,382	0.06
26		POLE AND LINE ATTACHMENTS	0	0	117,775	-	0.04	0	117 775	0.03
27		RENTS	0	0	930,344	-	0.28	0	930,344	0.27
28	ws	SPECIAL CONTRACTS	132	138,735	7,570	5.4564	+	143	7,713	-
29	-	OTHER MISC	0	0	19,330,403	-	5,75	0	19,330,403	5,68
30	TOTAL	-	2,040,214	4,026,493,725	336,093,831	8.3471	100.00	4,121,403	340,215,234	100.00

NOTE: DETAIL CONTAINED ON SCHEDULES M-2.2 AND M-2.3.

DATA: \_\_\_X\_ BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S): 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

SCHEDULE M-2.2 PAGE 1 OF 20 WITNESS: B. L. SAILERS

# CURRENT ANNUALIZED

	CODE (A)	CLASS / DESCRIPTION <i>(B)</i>	CUSTOMER BILLS (C)	SALES (D)	MOST CURRENT RATES (J)	REVENUE LESS FUEL COST REVENUE <i>(K)</i>		INCR LESS FUEL COST REV (F - K) (M)	REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (H)	TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
	····	050/050/7/4/		(KWH)	(¢/KWH)	(\$)	(%)	(5)	(%)	(8)	(\$)	(%)
1 F	RS	<u>RESIDENTIAL</u> RESIDENTIAL SERV	1,525,197	1,453,752,034	8.7793	127,629,351	100.00	22,536,436	17.7	1,494,457	129,123,808	17.5
		ESIDENTIAL	1,525,197	1,453,752,034	8.7793	127,629,351	37,97	22,536,436	17.7	1,494,457	129,123,808	. 17.5
-	101/12112	-	1,020,101	1,100,102,001	. 0.1100			22,000,400	···· -	1,434,437	120,120,000	. 17.5
		DISTRIBUTION										
	DS DEL	DISTRIBUTION SERV	157,022	1,115,844,489	8.0838	90,203,109	53,35	13,056,945	14.5	1,147,088	91,350,197	14.3
	DT-PRI DT-SEC	TIME OF DAY	443 1,786	492,952,443 683,434,130	6.2525	30,821,870	18.23	3,985,169	12.9	506,755	31,328,625	12.7
	EH	TIME OF DAY ELEC SPACE HEATING	502	9,803,357	6.7112 6.4326	45,866,347	27.13 0.37	6,390,213	13.9	702,570	46,568,917	13.7
	SP	SPORTS SERV	184	269,849	10,7831	630,615 29.098	0.37	91,172 3,385	14.5 11.6	10,078 277	640,693 29,375	14.2 11.5
	GSFL	SMALL FIXED LOADS	540	6,194,943	9,5305	29,098	0.35	85,667	14.5	6,368	596,775	14.4
	DP	PRIMARY VOLTAGE	120	13,046,582	7.1666	934,990	0.55	166,558	14.5	13,412	948,402	17,6
	-	STRIBUTION	160,597	2,321,545,793	7.2829	169,076,436	50.32	23,779,109	14.1	2,386,548	171,462,984	13.9
		-			•				-			
11 T	тт	TRANSMISSION TIME OF DAY	156	213,269,428	5,7718	12,309,452	100.00	1,393,631	11.3	219,241	12,528,693	11.1
		ANSMISSION	156	213,269,428	5.7718	12,309,452	3.66	1,393,631	11.3	219,241	12,528,693	17.1
					•							
		REAL TIME PRICING				_						
		I REAL TIME PRICING	0	0	-	0	0.00	0	0.0	0	0 141,597	0.0
		C REAL TIME PRICING	24 36	4,131,069 299,922	3.4276 8.6426	141,597 25,921	24.34 4.46	35,523 2,579	25.1 9.9	0 0	25,921	25.1 9.9
	DS-RTP TT-RTP	REAL TIME PRICING REAL TIME PRICING	24	12,915,280	3.2064	414,116	71.20	48,342	9.9 11,7	0	414,116	9.9 11.7
17		EAL TIME PRICING	84	17,346,271	3.3531	581,634	0.17	86,444	14.9		581,634	14.9
.,	/OTAL NE				0.0001							
		LIGHTING										
	SL	STREET LIGHTING	138,477	10,839,811	12.3232	1,335,809	71.72	159,846	12.0	11,143	1,346,952	11.9
	TL	TRAFFIC LIGHTING	94,895	1,438,465	4.8719	70,080	3,76	8,406	12.0	1,479	71,559	11.7
20 L 21	UOLS	UNMTRD OUTDR LIGHT	85,492	5,454,321	3.7025	201,946	10.84	24,299	12.0	5,607	207,553	11.7
	NSU	NON STD STREET LIGHT	8,364	405,021	15.2069	61,591	3.31	7,352	11.9	416	62,007	11.9
	SC	CUST OWNED STREET LIGHTING	2,064	97,596	3,7020	3,613	0.19	435	12.0	100	3,713	11.7
	SE	OVR HD EQUIV STREET LIGHTIN	24,744	1,476,997	12.8330	189,543	10,18	22,650	11.9	1,519	191,062	11.9
26	TOTAL LIC		354,036	19,712,211	9,4489	1,862,582	0.55	222,988	12.0	20,264	1,882,846	11.8
		OTHER MISC REVENUE										
27 II	ID01	INTERDEPARTMENTAL	12	729,253	7.0379	51,324	0.21	D	0.0	750	52,074	0.0
28		PJM AND TRANSMISSION	0	120,200	-	3,984,486	16.17	ő	0.0	0	3,984,486	0.0
29		BAD CHECK CHARGES	0 0	ō	-	23,092	0.09	0	0.0	0	23,092	0.0
30		RECONNECTION CHGS	0 0	ō	-	189,382	0.77	Ď	0.0	ō	189,382	0.0
31		POLE AND LINE ATTACHMENTS	0	0	-	117,775	0.48	0	0.0	0	117 775	0.0
32		RENTS	0	0	-	930,344	3.78	0	0.0	0	930,344	0.0
	ws	SPECIAL CONTRACTS	132	138,735	0.055596	7,570	0.03	0	0.0	143	7,713	0.0
34		OTHER MISC	0	0	-	19,330,403	78.47	0	0.0	0	19,330,403	0.0
35	TOTAL MI	SC REVENUE	144	867,988		24,634,376	7.33	0	0.0	893	24,635,269	0.0
36	TOTAL		2,040,214	4,026,493,725	8.3471	336,093,831	100.00	48,018,608	14.3	4,121,403	340,215,234	14.1

NOTE: DETAIL CONTAINED ON SCHEDULES M-2.2 PAGES 2 THROUGH 20.

DATA: \_\_X\_BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

SCHEDULE M-2.2 PAGE 2 OF 20 WITNESS: B. L. SAILERS

# CURRENT ANNUALIZED

LINE NO.	RATE CODE <i>(A)</i>	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE <i>(K)</i>	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV F (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (2) <i>(H)</i>	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M/K1) (O)
1	RS RESIDEN	ITIAL		(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
2 3	CUSTOMER CHA BILLS	RGE:	1,525,197		\$4.50	6,863,387	5.4	10,249,323	149.3		6,863,387	149.3
4 5	ENERGY CHARG ALL KWH	E (3):		1,453,752,034	0.075456	109,694,313	85.9	12,287,113	11.2		109,694,313	11.2
6	TOTAL RATE R	S EXCLUDING RIDERS	1,525,197	1,453,752,034		116,557,700	91.3	22,536,436	19.3		116,557,700	19.3
7 8 9 10 11 12 13 14 15	DEMAND SIDE ENVIRONMEN DISTRIBUTION FUEL ADJUS <sup>-</sup> FERC TRANS	EY ASSISTANCE (HEA) E MANAGEMENT RIDER (DSM ITAL SURCHARGE MECHANIS N CAPITAL INVESTMENT RIDI IMENT CLAUSE (FAC) MISSION COST RECOVERY R ING MECHANISM (PSM)	SM RIDER (ESM) ER (DCI)		\$0.10 0.007967 0.000000 0.000000 0.001028 0.000000 (0.000456)	152,520 11,582,042 0 0 (662,911) 11,071,651	0.1 9.1 0.0 0.0 (0.5) 8.7	0 0 0 0 0	0.0 0.0 0.0 0.0 0.0 0.0	1,494,457 1,494,457	152,520 11,582,042 0 0 1,494,457 0 (662,911) 12,566,108	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
16	TOTAL RATE R	S INCLUDING RIDERS	1,525,197	1,453,752,034		127,629,351	100.0	22,536,436	17.7	1,494,457	129,123,808	_ 17.5

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS. (2) REFLECTS FUEL ADJUSTMENT CLAUSE (FAC) OF \$0.001028 PER KWH. (3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_X\_ BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

# CURRENT ANNUALIZED

LINE R NO. C		CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES <i>(J)</i>	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) <i>(H)</i>	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
1 [ 2	DS SERVICE AT DISTRIBUTION VOLTAGE		(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
з (	CUSTOMER CHARGE:										
4	LOAD MANAGEMENT RIDER - NON-INTERVAL	1,798		\$5.00	8,990	0.0	0	0.0		8,990	0.0
5	LOAD MANAGEMENT RIDER - INTERVAL	12		\$100.00	1,200	0.0	(1,140)	(95.0)		1,200	(95.0)
	SINGLE PHASE	B4,521		\$7 <b>.5</b> 0		0.7	814,782	128.5		633,908	128.5
7	THREE PHASE	72,501		\$15.00	1,087,515	1.2	1,397,819	128,5		1,087,515	128.5
87	TOTAL CUSTOMER CHARGE	157,022			1,731,613	1.9	2,211,461	127.7		1,731,613	127.7
9 E	DEMAND CHARGE:										
10	FIRST 15 KW		1,388,597	\$0.00	0	0.0	0	0.0		0	0.0
11	ADDITIONAL KW		2,491,897	\$7.75	19,312,203	21.4	2,442,059	12.6		19,312,203	12,6
12 7	TOTAL DEMAND		3,880,494	•	19,312,203	21.4	2,442,059	12.6		19,312,203	12.6
13 E	ENERGY CHARGE (3):										
14	FIRST 6000 KWH		366,515,604	0.081645	29,924,166	33.2	3,764,849	12,6		29,924,166	12.6
15	NEXT 300KWH/KW		627,126,263	0.050119	31,430,941	34.8	3,954,658	12.6		31,430,941	12.6
16	ADDITIONAL KWH		119,801,361	0.041043	4,917,007	5.5	618,295	12.6		4,917,007	12.6
17	NON-CHURCH "CAP" RATE		1,783,161	0.241184	430,070	0.5	54,108	12.6		430,070	12,6
18	CHURCH CAP RATE		618,100	0.148065	91,519	0.1	11,515	12.6		91,519	12.6
19 7	TOTAL ENERGY		1,115,844,489		66,793,703	74.1	8,403,425	12.6		66,793,703	12.6
20 7	TOTAL RATE DS EXCLUDING RIDERS	157,022	1,115,844,489		87,837,519	97.4	13,056,945	14.9		87,837,519	- 14.9
21 F	RIDERS;										
22	DEMAND SIDE MANAGEMENT RIDER (D\$MR)	ł		0.002576	2,874,415	3.2	0	0.0		2,874,415	0.0
23	ENVIRONMENTAL SURCHARGE MECHANISM			0.000000	0	0.0	0	0.0		0	0,0
24	DISTRIBUTION CAPITAL INVESTMENT RIDER	(DCI)		0.00	0	0.0	0	0.0		0	0.0
25	FUEL ADJUSTMENT CLAUSE (FAC)			0.001028					1,147,088	1,147,088	0.0
26	FERC TRANSMISSION COST RECOVERY RID	ER (FTR)		0.000000	0	0.0	0	0.0		0	0.0
27	PROFIT SHARING MECHANISM (PSM)			(0.000456)	(508,825)	(0.6)	0	0.0		(508,825)	0.0
28	TOTAL RIDERS				2,365,590	2.6	· 0_	0.0	1,147,088	3,512,678	0.0
29	TOTAL RATE DS INCLUDING RIDERS	157,022	1,115,844,489		90,203,109	100.0	13,056,945	14.5	1,147,088	91,350,197	14,3
											-

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL ADJUSTMENT CLAUSE OF \$0.001028 PER KWH.

13) REELECTS FUEL COST RECOVERY INCLUDED IN DASE RATES OF SUBJOUT DED KINU

SCHEDULE M-2.2 PAGE 3 OF 20 WITNESS: B. L. SAILERS

DATA: \_\_X\_ BASE PERIOD \_\_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S):: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

SCHEDULE M-2.2 PAGE 4 OF 20 WITNESS: B. L. SAILERS

# CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M/K) (N)	FUEL COST REVENUE (2) <i>(H)</i>	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
	DT-PRI TIME SUMMER:	OF DAY PRIMARY		(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
	CUSTOMER CHA		148		\$100.00	14,800	0.0	54,020	365.0		14,800	365.0
5	TOTAL CUSTOM	ER CHARGE	148			14,800	0.0	54,020	365.0		14,800	. 365.0
7	DEMAND CHARG	SE:		327,270	\$12.75	4,172,693	13.5	536,722	12.9		4,172,693	0.0
8	OFF PEAK KW		-	16,385	\$1.15	18,843	0.1	2,458	13,0		18,843	. 13,0
10	SUB-TOTAL PRIMARY SERV.		-	343,655	(20.05)	4,191,536	13.6	539,180	12.9		4,191,536	. 12.9
11 12	FIRST 1000 K			130,343 213,311	(\$0.65) (\$0.50)	(84,723) (106,656)	(0.3) (0.3)	(10,427) (12,798)	12.3 12.0		(84,723) (106,656)	12.3 12.0
	TOTAL DEMAND		-	343,654	[40.00]	4,000,157	13,0	515,955	12.9		4,000,157	. 12.0
	ENERGY CHARG		-	040,004			10.0		12.5		4,000,101	. 12.5
15	ON PEAK KWH			49,861,512	0.044195	2,203,630	7.1	283,213	12.9		2,203,630	12.9
16	OFF PEAK KWH	I		126,004,348	0.036195	4,560,727	14.9	585,795	12.8		4,560,727	12.8
17	TOTAL SUMMER	,	148	175,865,860		10,779,314	35.0	1,438,983	13.3		10,779,314	13,3
	WINTER: CUSTOMER CHA PRIMARY VOLT		295		\$100.00	29,500	0.1	107,675	365,0		29,500	365.0
21	TOTAL CUSTOM	ER CHARGE	295			29,500	0.1	107,675	365.0		29,500	365.0
	OEMAND CHARG	SE:										
23	ON PEAK KW			603,475	\$12.07	7,283,938	23.6	935,386	12,8 13,0		7,283,938	0.0
24	OFF PEAK KW		-	41,090	\$1.15	47,253	0.2	<u>6,164</u> 941,550	12.8		47,253	. 13.0 12.8
	SUB-TOTAL PRIMARY SERV. FIRST 1000 K		-	<u>644,564</u> 266,634	(\$0.65)	7,331,191	23.8	(21,331)	12.3		(173,312)	12.0
28	ADDITIONAL			377,931	(\$0.50)		(0.6)	{22,675}	12.0		(188,965)	12.0
	TOTAL DEMANO		-	644,554	(40.00)	6,968,914	22.6	897,543	12.9		6,968,914	12,9
	ENERGY CHARG		-	044,004		0,000,014	22.0				0,000,017	12.0
31	ON PEAK KWH	.,		87,022,244	0.042195	3,671,904	11.9	471,399	12,8		3,671,904	12.8
32	OFF PEAK KWH	l .		230,064,339	0.036195	8,327,179	27.0	1,069,569	12.8		8,327,179	12.8
33	TOTAL WINTER		295	317,086,583		18,997,497	61.6	2,546,186	13.4		18,997,497	13.4
34	TOTAL RATE D	T PRIMARY EXCLUDING RIDERS	443	492,952,443		29,776,811	96.6	3,985,169	13.4	<u> </u>	29,776,811	13.4
35 36	RIDERS: DEMAND SID	E MANAGEMENT RIDER (DSMR)			0.002576	1,269,845	4.1	0	0.0		1,269,845	0,0
37		VTAL SURCHARGE MECHANISM RI	IDER (ESM)		0.00	0	0.0	0	0.0		0	0.0
38		N CAPITAL INVESTMENT RIDER (D	CI)		0.00	0	0,0	0	0.0	444 445	0	0.0
39		TMENT CLAUSE (FAC)	(ETD)		0.001028 0.000000	0	0.0	o	0.0	506,755	506,755 0	0.0 0.0
40 41		MISSION COST RECOVERY RIDER RING MECHANISM (PSM)	(F115)		(0.000456)	(224,786)	(0.7)	0	0.0		(224,786)	0.0
42	TOTAL RIDERS				(	1,045,059	3.4	0	0.0	506,755	1,551,814	0.0
43	TDTAL RATE D	T PRIMARY INCLUDING RIDERS	443	492,952,443		30,821,870	100.0	3,985,169	12.9	506,755	31,328,625	12.7

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS. (2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH. (3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

# DATA: \_\_X\_ BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected

6 Months Actual Ending May 31, 2017

SCHEDULE M-2.2 PAGE 5 OF 20 WITNESS: B. L. SAILERS

# CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (2) <i>(H)</i>	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
2	DT-SEC TIME OF SUMMER:			(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(5)	(%)
	CUSTOMER CHAR	GE:										
4 5	SINGLE PHASE		0 595		\$7.50 \$15.00	0 8,925	0.0 0.0	0 229,075	0.0 2566.7		0 8,925	0.0 2566.7
	TOTAL CUSTOME	R CHARGE	595		\$15.00	8,925	0.0	229,075	2566.7		8,925	2566.7
_												-
7	DEMAND CHARGE ON PEAK KW	2		522,436	\$12.75	P PP4 050	14.6	950 705	10.0		0.004.000	• •
9	OFF PEAK KW			12,081	\$12.75	6,661,059 13,893	14.6 0.0	856,795 1,812	12.9 13.0		6,661,059 13,893	0.0 13.0
	TOTAL DEMAND		-	534,517	<b>\$1.10</b>	6,674,952	14.6	858,607	12.9		6,674,952	10.0
			-									
	ENERGY CHARGE	(3):										
12 13	ON PEAK KWH			76,814,079	0.044195	3,394,798	7.4	436,304	12.9		3,394,798	12,9
	OFF PEAK KWH			168,266,676	0.036195	6,090,412	13.3	782,272	12.8		6,090,412	. 12.8
14	TOTAL SUMMER		595	245,080,755		16,169,087	35.3	2,306,258	14.3		16,169,087	. 14.3
15	WINTER:											
	CUSTOMER CHAR	GE:										
17 18	SINGLE PHASE		0 1,191		\$7.50 \$15,00	0 17,865	0.0 0.0	0 458,535	0.0 2566.7		0 17,865	0.0 2566.7
	TOTAL CUSTOME	CHARGE	1,191		513,00	17,865	0.0	458,535	2566.7		17,865	2566.7
,5	TOTAL GOSTOMEN	( CHARGE					0.0		2300.1		11,000	. 2000.1
	DEMAND CHARGE	:										
21	ON PEAK KW			956,046	\$12.07	11,539,469	25.2	1,481,871	12.8		11,539,469	0.0
22	OFF PEAK KW		-	22,660 978,706	\$1.15	26,059	<u>0.1</u> 25.3	3,399	<u> </u>		26,059 11,565,528	. 13.0
23	TOTAL DEMAND			910,100		11,565,528	20.0	1,465,270	12.0		11,303,326	12.8
	ENERGY CHARGE	(3):										
25	ON PEAK KWH			133,131,149	0.042195	5,617,469	12.2	721,171	12.8		5,617,469	12.8
26	OFF PEAK KWH			305,222,226	0.036195	11,047,518	24.1	1,418,979	12.8		11,047,518	12.8
	TOTAL WINTER		1,191	438,353,375		28,248,380	61.6	4,083,955	14.5		28,248,380	14.5
28	TOTAL RATE DT	SECONDARY EXCLUDING RIDERS	1,786	683,434,130		44,417,467	96.8	6,390,213	14.4		44,417,467	0.0
29	RIDERS:											
30		MANAGEMENT RIDER (DSMR)			0.002576	1,760,526	3.9	0	0.0		1,760,526	D.0
31		AL SURCHARGE MECHANISM RIDE	• •		0.00000	0	0.0	0	0.0		0	0.0
32 33		CAPITAL INVESTMENT RIDER (DCI)	)		0.00 0.001028	0	0.0	0	0.0	702,570	D 702,570	0.0 0.0
33 34		IENT CLAUSE (FAC) SSION COST RECOVERY RIDER (F	TR)		0.001028	0	0.0	0	0.0	102,510	102,570	0.0
35		IG MECHANISM (PSM)			(0.000456)	-	(0.7)	ō	0.0		(311,646)	0.0
36	TOTAL RIDERS	· · · · · · · · · · · · · · · · · · ·			,	1,448,880	3.2	0	0.0	702,570	2,151,450	0.0

BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.
 REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.
 REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_X\_\_BASE PERIOD \_\_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

# CURRENT ANNUALIZED

LINE R NO. C		CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE <i>(K)</i>	% 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) <i>(H)</i>	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
 1 E 2	EH OPTIONAL RATE FOR ELEC. SPACE HEATING		(KW/KWH)	(\$/KWH}/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
4 5	CUSTOMER CHARGE: SINGLE PHASE THREE PHASE PRIMARY VOLTAGE	112 390 0		\$7.50 \$15.00 \$100.00	840 5,850 0	0.1 1.0 0.0	1,080 7,519 0	128.6 128.5 0.0		840 5,850 0	128.6 128.5 0.0
77	TOTAL CUSTOMER CHARGE	502			6,690	1.1	8,599	128.5		6,690	128.5
	DEMAND CHARGE: ALL KW	-	38,467	\$0.00	0	0.0	0	0.0		0	0.0
11	ENERGY CHARGE (3): ALL CONSUMPTION TOTAL RATE EH EXCLUDING RIDERS	502	9,803,357 9,803,357	0.061524	603,142 609,832	95.6 96.7	<u> </u>	<u>13.7</u> 15.0		603,142 609,832	13.7 15.0
13 <i>F</i> 14 15 16 17 18 19	RIDERS: DEMAND SIDE MANAGEMENT RIDER (DSMR) ENVIRONMENTAL SURCHARGE MECHANISM F DISTRIBUTION CAPITAL INVESTMENT RIDER ( FUEL ADJUSTMENT CLAUSE (FAC) FERC TRANSMISSION COST RECOVERY RIDE PROFIT SHARING MECHANISM (PSM)	DCI)		0.002576 0.000000 0.000000 0.001028 0.000000 (0.000456)		4.0 0.0 0.0 (0.7)		0.0 0.0 0.0 0.0	10,078	25,253 0 0 10,078 (4,470)	-
20	TOTAL RIDERS				20,783	3.3	0	0.0	10,078	30,861	- 0.0
21	TOTAL RATE EH INCLUDING RIDERS	502	9,803,357		630,615	100.0	91,172	14.5	10,078	640,693	14.2

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

SCHEDULE M-2.2 PAGE 6 OF 20 WITNESS: B. L. SAILERS

SCHEDULE M-2.2 PAGE 7 OF 20 WITNESS:

B. L. SAILERS

DATA: \_\_X\_\_BASE PERIOD \_\_\_FDRECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

# 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) <i>(H)</i>	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (0)
1	SP	SEASONAL SPORTS SERVICE		(КШН)	(S/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
2	MINIMUN	M BILLS (4)	0			0	0.0	0	0.0		o	0.0
3	CUSTON	IER CHARGE	184		\$7.50	1,380	4.7	1,774	128.6		1,380	128.6
4		CHARGE (3):		269,849	0 400500	77 446	02.2	1.011	5.0		07.440	
5		DNSUMPTION			0.100598	27,146	93.3	1,611	5,9		27,146	- 5.9
6	TOTAL	RATE SP EXCLUDING RIDERS	184	269,849		28,526	98.0	3,385	11.9		28,526	. 11.9
7 8	RIDERS: DEM	: AND SIDE MANAGEMENT RIDER (DSMR)			0.002576	695	2.4	0	0.0		695	0,0
9		RONMENTAL SURCHARGE MECHANISM R	RIDER (ESM)		0.000000	0	0.0	Ō	0.0		0	0.0
10	DIST	RIBUTION CAPITAL INVESTMENT RIDER (	DCI)		0.000000	0	0.0	0	0.0		0	0.0
11		LADJUSTMENT CLAUSE (FAC)			0.001028					277	277	0.0
12		C TRANSMISSION COST RECOVERY RIDER	R (FTR)		0.000000	0	0.0	0	0.0		0	0.0
13		FIT SHARING MECHANISM (PSM)			(0.000456)	(123)	(0.4)		0,0		(123)	0.0
14	TOTAL	RIDERS				572	2.0	D	0.0	277	849	. 0.0
15	TOTAL F	RATE SP INCLUDING RIDERS	184	269,849		29,098	100.0	3,385	11.6	277	29,375	. 11.5
16	GS-FL	SMALL FIXED LOADS										
17	MINIMUN	M BILLS	540		\$3.00	1,620	0.3	76	4.7		1,620	4.7
18		• •										
19		RANGE 540 TO 720 HRS	D	12,111	0.080723	978	0.2	145	14.8		978	14.8
20		RANGE LESS THAN 540 HRS	0	6,182,832	0.092947	574,676	97.2	85,446	14.9		574,676	14.9
21	TOTAL	RATE GS-FL EXCLUDING RIDERS	540	6,194,943		577,274	97.8	85,667	14.8		577,274	14.8
22	RIDERS:	:										
23		AND SIDE MANAGEMENT RIDER (DSMR)			0.002576	15,958	2.7	0	0,0		15,958	0.0
24		IRONMENTAL SURCHARGE MECHANISM R			0.000000	0	0,0 0,0	0	0.0 0.0		0	0.0 0.0
25 26		RIBUTION CAPITAL INVESTMENT RIDER (I L ADJUSTMENT CLAUSE (FAC)	beij		0.000000 0.001028	U	0.0	0	Ų.U	6,368	6.368	0.0
20 27		C TRANSMISSION COST RECOVERY RIDER	R (FTR)		0.000000	0	0.0	0	0.0	-,00	0,000	0.0
28		FIT SHARING MECHANISM (PSM)			(0.000456)		(0.5)	0	0.0		(2,825)	0.0
29		RIDERS				13,133	2.2	0	0.0	6,368	19,501	0.0
30	TOTAL F	RATE GS-FL INCLUDING RIDERS	540	6,194,943		590,407	100.0	85,667	14.5	6,368	596,775	14.4

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

(4) 1.5% OF INSTALLED TRANSFORMER AMD METERING COSTS BUT NOT LESS THAN CUSTOMER CHARGE WHETHER SERVICE IS ON OR DISCONNECTED.

DATA: \_\_X\_ BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

# CURRENT ANNUALIZED

LINE R NO. C		CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE <i>(K)</i>	% 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) <i>(H)</i>	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
1 D 2	DP SERVICE AT PRIMARY DISTRIBUTION VOLTAGE		(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
3 0	CUSTOMER CHARGE:										
-	LOAD MANAGEMENT RIDER	24		\$100.00	2,400	0,3	(2,280)	(95.0)		2,400	(95.0)
5	PRIMARY VOLTAGE	120		\$100.00	12,000	1.2	2,254	18.8		12,000	18.8
67	TOTAL CUSTOMER CHARGE	120			14,400	1.5	(26)	(76.2)		14,400	. (0.2)
	DEMAND CHARGE:										
	ALL KW	-	34,707	\$7.08	245,728	26.3	45,814	18.6	,	245,728	18.6
97	TOTAL DEMAND	-	34,707		245,728	26.3	45,814	18.6		245,728	. 18.6
	ENERGY CHARGE (3):										
	FIRST 300KWH/KW		10,097,570	0.051068	515,663	55.2	96,199	18.7		515,663	18.7
	ADDITIONAL KWH		2,928,055	0.043198	126,486	13.5	23,627	18.7		126,486	18.7
		-	20,957	0.241184	5,054	0.5	944	18.7		5,054	. 18.7
	TOTAL ENERGY	-	13,046,582		647,203	69.2	120,770	18.7		647,203	18.7
15	TOTAL RATE DP EXCLUDING RIDERS	120	13,046,582		907,331	97.0	166,558	18.4		907,331	18.4
16 R	RIDERS:										
17	DEMAND SIDE MANAGEMENT RIDER	• •		0.002576	33,608	3,6	0	0.0		33,608	0.0
18	ENVIRONMENTAL SURCHARGE MECI	· · ·		0.000000	0	0.0	0	0.0		0	0.0
19 20	DISTRIBUTION CAPITAL INVESTMENT FUEL ADJUSTMENT CLAUSE (FAC)	I RIDER (DCI)		0.00 0.001028	0	0.0	0	0.0	13,412	0 13,412	0.0 0.0
20	FERC TRANSMISSION COST RECOVE	RY RIDER (FTR)		0.000000	0	0.0	0	0.0	15,412	13,412	0.0
22	PROFIT SHARING MECHANISM (PSM)	• •		(0.000456)	(5,949)	(0.6)		0.0		(5,949)	0.0
23	TOTAL RIDERS				27,659	3.0	0	0.0	13,412	41,071	0.0
24 T	TOTAL RATE DP INCLUDING RIDERS	120	13,046,582		934,990	100.0	166,558	17.8	13,412	948,402	17.6
											:

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

SCHEDULE M-2.2 PAGE 8 OF 20 WITNESS: B. L. SAILERS

DATA: \_\_X\_BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

# CURRENT ANNUALIZED

LINE F		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) (K 1)	TOTAL REVENUE % INCREASE (M / K1) (0)
	TT TIME OF DAY SUMMER:			(KW/KWH)	(\$/KWH)/ (\$/KW)	(S)	(%)	(3)	(%)	(5)	(3)	(%)
-	CUSTOMER CHARGE		52		\$500.00	26,000	0.2	0	0.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	26,000	0.0
4 /	DEMAND CHARGE:											
5	ON PEAK KW			158,600	\$7.60	1,205,360	9.8	136,396	11.3		1,205,360	11.3
6	OFF PEAK KW			6,575	\$1.15	7,561	0.1	855	11.3		7,561	11.3
7	TOTAL DEMAND		-	165,175		1,212,921	9,9	137,251	11.3		1,212,921	11.3
8 /	ENERGY CHARGE (3)											
	ON PEAK KWH			25,151,023	0.042648	1,072,641	8.7	296,933	27.7		1.072,641	27.7
10	OFF PEAK KWH			45,316,087	0.042648	1,932,640	15.7	88,186	4.6		1,932,640	4.6
11	TOTAL ENERGY			70,467,110		3,005,281	24.4	385,119	12.8		3,005,281	12.8
12	TOTAL SUMMER		52	70,467,110		4,244,202	34.5	522,370	12.3		4,244,202	12.3
13 '	WINTER:											
14 (	CUSTDMER CHARGE		104		\$500.00	52,000	0.4	<u> </u>	0.0		52,000	0.0
15	DEMAND CHARGE:											
16	ON PEAK KW			315,419	\$6.24	1,968,213	16.0	223,948	11.4		1,968,213	11.4
17	OFF PEAK KW			11,328	\$1.15	13,027	0.1	1,472	11.3		13,027	11.3
18 '	TOTAL DEMAND			326,747		1,981,240	16.1	225,420	11.4		1,981,240	. 11.4
19	ENERGY CHARGE (3)	:										
20	ON PEAK KWH			49,796,666	0.042648	2,123,728	17.3	464,852	21.9		2,123,728	21.9
21	OFF PEAK KWH		_	93,005,652	0.042648	3,966,505	32.2	180,989	4.6		3,966,505	4.6
22	TOTAL ENERGY			142,802,318		6,090,233	49.5	645,841	10.6		6,090,233	10,6
23	TOTAL WINTER		104	142,802,318		8,123,473	66.0	871,261	10.7		8,123,473	10.7
24	TOTAL RATE TT EXC	CLUDING RIDERS	156	213,269,428		12,367,675	100.5	1,393,631	11,3		12,367,675	11.3
<b>25</b> /	RIDERS:											
26	DEMAND SIDE MA	NAGEMENT RIDER (DSMR)			0.000183	39,028	0.3	0	0.0		39,028	0.0
27	ENVIRONMENTAL	SURCHARGE MECHANISM RID	DER (ESM)		0.000000	0	0.0	0	0.0		0	0.0
28	FUEL ADJUSTMEN	IT CLAUSE (FAC)			0.001028					219,241	219,241	0,0
29		ION COST RECOVERY RIDER (	FTR)		0.000000	0	0.0	0	0.0		0	0.0
30		MECHANISM (PSM)			(0.000456)	(97,251)	(0.8)	0	0.0		(97,251)	0.0
31	TOTAL RIDERS					(58,223)	(0.5)	0	0.0	219,241	161,018	0.0

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

SCHEDULE M-2.2 PAGE 9 OF 20 WITNESS: B. L. SAILERS

DATA: \_\_X\_ BASE PERIOD \_\_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

# 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)
1 2		DAY SERVICE AT SECONDARY UTION VOLTAGE	·	(КШН)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
3 4	CUSTOMER CHA BILLS (Real-Tin		24		\$183.00	4,392	3.1	0	0.0		4,392	0,0
5	TOTAL CUSTOM		24		<i><b><i><i>i</i></i></b> i i i i i i i i i i</i>	4,392	3.1	0	0,0		4,392	0.0
6 7 8 9	ENERGY CHARG ALL KWH ANCILLARY SER COMMODITY CH	RVICES	_	4,131,069 4,131,069 4,131,069	0.006053 0.000760 0.024280	25,005 3,140 100,302	17.7 2.2 70.8	38,663 (3,140) 0	154,6 (100,0) 0.0	0	25,005 3,140 100,302	154.6 (100.0) 0.0
10	TOTAL ENERGY			4,131,069		128,447	90.7	35,523	27.7	0	128,447	27.7
11	TOTAL RATE D	TRTP SECONDARY EXCLUDING RIDERS	24	4,131,069		132,839	93.8	35,523	26.7	0	132,839	26.7
13 14 15 16 17 18	DEMAND SIDE ENVIRONMEN DISTRIBUTIOI FERC TRANSI	E MANAGEMENT RIDER (DSMR) ITAL SURCHARGE MECHANISM RIDER (ES N CAPITAL INVESTMENT RIDER (DCI) MISSION COST RECOVERY RIDER (FTR) ING MECHANISM (PSM)	SM)	0	0.002576 0.000000 0.00 0.000000 (0.000456)	10,642 0 0 (1,884) 8,758	7.5 0.0 0.0 (1.3) 6.2	0 0 0 0 0	0.0 0.0 0.0 0.0 0.0 0.0	0	10,642 0 0 (1,884) 8,758	0.0 0.0 0.0 0.0 0.0
19	TOTAL RATE D	T RTP SECONDARY INCLUDING RIDERS	24	4,131,069		141,597	100.0	35,523	25.1	0	141,597	25,1

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

SCHEDULE M-2.2 PAGE 10 OF 20 WITNESS: B. L. SAILERS

DATA: \_\_X\_ BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO{S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

# CURRENT ANNUALIZED

(B)	BILLS(1) (C)	SALES (D)	MOST CURRENT RATES <i>(J)</i>	REVENUE LESS FUEL COST REVENUE (K)	TOTAL LESS FUEL COS⊤ REVENUE (L)	INCR LESS FUEL COST REV (F - K) (M)	REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (H)	TOTAL REVENUE (K + H) (K1)	REVENUE % INCREASE (M / K1) (O)
ERVICE AT SECONDARY STRIBUTION VOLTAGE		(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
<i>CHARGE:</i> al-Time Pricing)	36		\$183.00	6,588	25.4	0	0.0		6,588	0.0
TOMER CHARGE				6,588	25.4	0	0.0		6,588	- 0.0
HARGE: Y SERVICES TY CHARGES		299,922 299,922 299,922	0.006053 0.000760 0.055529	228	7.0 0.9 64.2	2,807 (228) 0	154.7 (100.0) 0.0	0	1,815 228 16,654	154.7 (100.0) 0.0
RGY		299,922		18,697	72.1	2,579	13.8	0	18,697	13.8
TE DS RTP EXCLUDING RIDERS	36	299,922		25,285	97.5	2,579	10.2	0	25,285	- 10.2
TOTAL RATE DS RTP EXCLUDING RIDERS       36         RIDERS:       DEMAND SIDE MANAGEMENT RIDER (DSMR)         ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)       DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)         FERC TRANSMISSION COST RECOVERY RIDER (FTR)       PROFIT SHARING MECHANISM (PSM)         TOTAL RIDERS			0.000000	0 0 0	3.0 0.0 0.0 (0.5) 2.5	0 0 0 0 0	0.0 0.0 0.0 0.0 0.0 0.0	0	773 0 0 (137) 636	0.0 0.0 0.0 0.0 0.0 0.0
								,		- 9.9
RAN SHA DER	SMISSION COST RECOVERY RIDER (F RING MECHANISM (PSM)	SMISSION COST RECOVERY RIDER (FTR) RING MECHANISM (PSM) S	SMISSION COST RECOVERY RIDER (FTR) RING MECHANISM (PSM) S	SMISSION COST RECOVERY RIDER (FTR)         0.000000           IRING MECHANISM (PSM)         (0.000456           S	SMISSION COST RECOVERY RIDER (FTR)         0.000000         0           RING MECHANISM (PSM)         (0.000456)         (137)           S         636	SMISSION COST RECOVERY RIDER (FTR)         0.000000         0         0.0           IRING MECHANISM (PSM)         (0.000456)         (137)         (0.5)           S	SMISSION COST RECOVERY RIDER (FTR)         0.000000         0         0.0         0           IRING MECHANISM (PSM)         (0.000456)         (137)         (0.5)         0           S         636         2.5         0	SMISSION COST RECOVERY RIDER (FTR)         0.000000         0         0.0         0         0.0           IRING MECHANISM (PSM)         (0.000456)         (137)         (0.5)         0         0.0           S         636         2.5         0         0.0	SMISSION COST RECOVERY RIDER (FTR)         0.000000         0         0.0         0         0.0           IRING MECHANISM (PSM)         (0.000456)         (137)         (0.5)         0         0.0           S         636         2.5         0         0.0         0	SMISSION COST RECOVERY RIDER (FTR)         0.000000         0         0.0         0         0.0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         (137)         (0.5)         0         0.0         0         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137)         (137) </td

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

SCHEDULE M-2.2 PAGE 11 OF 20 WITNESS: B. L. SAILERS

DATA: \_\_X\_ BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

# 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)
1 2		OF DAY SERVICE AT MISSION VOLTAGE		(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(5)	(%)
3	CUSTOMER CHA BILLS (Real-Ti		24		\$183.00	4,392	1.1	0	0.0		4,392	0.0
4 5	TOTAL CUSTOM		24		\$103.00	4,392	1.1	0	0.0		4,392	-
6 7 8 9	ENERGY CHARG ALL KWH ANCILLARY SE COMMODITY C	RVICES		12,915,280 12,915,280 12,915,280	0.002008 0.000721 0.029268	25,934 9,312 378,004	6.3 2.2 91.3	57,654 (9,312) 0	222.3 (100.0) 0.0	0	25,934 9,312 378,004	222.3 (100.0) 0.0
10	TOTAL ENERGY			12,915,280		413,250	99.8	48,342	11.7	0	413,250	- 11.7
11	TOTAL RATE T	TRTP EXCLUDING RIDERS	24	12,915,280		417,642	100,9	48,342	11.6	0	417,642	11.6
12 13 14 15 16 17	ENVIRONMEI FERC TRANS	E MANAGEMENT RIDER (DSMR) NTAL SURCHARGE MECHANISM R MISSION COST RECOVERY RIDER RING MECHANISM (PSM)	• •		0.000183 0.000000 0.000000 (0.000456)	2,363 D (5,889) (3,526)	0.6 0.0 (1.5) (0.9)	0 0 0 0	0.0 0.0 0.0 0.0 0.0	0	2,363 0 0 (5,889 (3,526	-
18	TOTAL RATE	TT RTP INCLUDING RIDERS	24	12,915,280		414,116	100.0	48,342	11.7	0	414,116	11.7

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

SCHEDULE M-2.2 PAGE 12 OF 20 WITNESS: B. L. SAILERS

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

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES(1A) <i>(J)</i>	CURRENT REVENUE LESS FUEL COST REVENUE (K)	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)	(\$/UNIT)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	SL STRE	EET LIGHTING CO OWNED	8 MAINTAINED									
		DISTRIBUTION:										
3	MERCURY VA											
4	7,000 LUM		67,685	4,529,255	7.11	481,240	36,0	57,533	12.0	4,657	485,897	11.8
5	7,000 LUM	EN (OPEN)	61	4,336	5,94	362	0,0	44	12.2	4	366	12.0
6	7,000 LUM	EN (4)	36	2,409	11.45	412	0.0	50	12.1	2	414	12.1
7	7,000 LUM	EN (5)	560	37,473	11.51	6 446	0.5	767	11.9	39	6,485	11.8
8	7,000 LUM	EN (6)	119	7,963	12,38	1,473	0,1	176	11.9	8	1,481	11.9
9	7,000 LUM	EN (8A)	132	8,833	14.12	1,864	0.1	222	11.9	9	1,873	11.9
10	10,000 LUM	1EN	2,199	209,638	8.21	18,054	1.4	2,155	11.9	216	18,270	11.8
11	10,000 LUM	1EN (5)	7	667	12.61	88	0.D	11	12.5	1	89	12.4
12	21,000 LUM	AEN	9,600	1,431,200	10.99	105,504	7.9	12,576	11.9	1,471	106,975	11.8
13	21,000 LUM	(EN (5)	132	19,679	15.39	2,031	0,2	242	11.9	20	2,051	11.8
14	21,000 LUM	EN (6)	132	19,679	16.26	2,146	0.2	256	11,9	20	2,166	11.8
15	METAL HALIE	DE:										
16	14.000 LUM		336	22,484	7,11	2,389	0.2	286	12,0	23	2,412	11.9
17	14,000 LUM		48	3,212	11.51	552	0.0	66	12,0	3	555	11.9
18	14.000 LUM	• •	91	6,089	12.38	1 127	0.1	134	11.9	6	1,133	11.8
19	14,000 LUM		12	603	11.51	138	0.0	17	12.3	1	139	12.2
20	20,500 LUM		168	16,016	8.21	1,379	0.1	165	12.0	16	1,395	11.8
21	20,500 LUM		24	2,288	13,48	324	0.0	38	11.7	2	326	11.7
22	36,000 LUN			0	10.99	0	0,0	0	0.0	0	0	0.0
	SODIUM VAP		_	-		-						
24	9,500 LUM		19,202	779,281	7.87	151,120	11,3	18,050	11.9	801	151,921	11.9
25	9,500 LUM		120	4,870	5.91	709	0.1	84	11.8	5	714	11.8
26	9,500 LUM		48	1,948	12.21	586	0.0	70	11.9	2	588	11.5
27	9,500 LUM		685	27,800	12.27	8,405	0.6	1,000	11.9	29	8,434	11.9
28	9,500 LUM		685	27,800	13.14	9.001	0.7	1,075	11,9	29	9,030	11,9
29	16,000 LUM	••	372	22.041	8.58	3,192	0.2	379	11.9	23	3,215	11.8
30	16,000 LUM		12	711	12.98	156	0.0	18	11.5	1	157	11.5
31	16,000 LUM		108	6,399	13.85	1,496	0.1	178	11.9	7	1,503	11.8
32	22.000 LUM		5,435	429,365	11.13	60,492	4,5	7,174	11.9	441	60,933	11.8
32	22,000 LUM		36	2,844	15.47	557	0.0	66	11.8	3	560	11.8
	22,000 LUM		219	17,301	15.53	3,401	0.3	403	11.8	18	3,419	11.8
34		- • •	72	5,688	15.53	1,181	0,1	140	11.0	6	1,187	11.8
35	22,000 LUM		12	5,668 948	18.07	217	0,0	26	12.0	1	218	11.9
36	22,000 LUM	• •	96		11.13	1,06B	0.0	127	12.0	8	1,076	11.8
37	27,500 LUM			7,584 948		1,066	0.0	23	11.3	1	1,070	11.6
38	27,500 LUM		12		16.40		11.6	23 18,456	11.7	1,740	156,757	11.8
39	50,000 LUM		10,369	1,692,739	14.95	155,017	0.5	718	11,9	52	6,089	11.8
40	50,000 LUM		312	50,934	19.35	6,037		1,492	11,9	104	12,620	11.8
41	50,000 LUM	EN (6)	619	101,052	20.22	12,516	0.9	1,492	11,9	104	12,020	11.8

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED. (5) WITH 35' WOOD POLE. (1A) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH. (6) WITH 40' WOOD POLE. (2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH. (7) WITH 12' ALUM POLE. (3) WITH 17' WOOD LAMINATED 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.

SCHEDULE M-2.2 PAGE 13 OF 20 WITNESS RESPONSIBLE:

B. L. SAILERS

(4) WITH 30' WOOD POLE.

# DUKE ENERGY MENTUCKY, INC. CASENO. 2017-00241 ANNUALIZED BASE YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES FOR THE TWELVE MONTHS ENDED Aveember 30, 2017

				FORT	HE TWELVE MOI	FOR THE TWELVE MONTHS ENDED November 30, 2017 (ELECTRIC SERVICE)	vember 30, 2017					
DATA: TYPE WDRK	DATA: X BASE PERIOD FO TYPE OF FILING: X ORIGINAL WDRK PAPER REFERENCE NO(S).:	IRECASTED UPDATED	PERIOD REVISED							-	SCHEDULE M.2.2 PAGE 14 OF 20 WITNESS RESPONSIBLE:	2.2 10 PONSIBLE:
6 Mon	ths Actual and 6	6 Months Actual and 6 Months Projected			CURRENT ANNUALIZED	NUALIZED					B. L. SAILERS	
LINE	RATE	CLASS /	CUSTOMER		MOST CURRENT	CURRENT REVENUE LESS FUEL COST	% OF REV TO TOTAL LESS FUEL COST	REVENUE INCR LESS FUEL COST REV	l° ¤ "	FUEL COST	CURRENT TOTAL REVENUE	TOTAL REVENUE % INCREASE
NO.	CODE	DESCRIPTION (B)	BILLS(1) (C)	SALES (D)		REVENUE	REVENUE (L)	(F - K) (M)	(N)		(ixi) (ixi)	(M / K1) [0]
Ę	5	STBEET   JOHDNG - CO OWNED & MANTANEO CONTO	& MAINTAINED CONT	÷	(INNUS)	8	Ł	(\$)	Ŕ	£	(2)	S
4 4 1	OVERHE	OVERHEAD DISTRIBUTION (CONTD.): DECORPTINE CODMILITION (CONTD.):		3								
4 4	-	COMMINE SOUND VAPOR: 9,500 LUMEN RECTILINEAR	0	o	9.78	D	0.0	٥			•	0.0
46	2	22,000 LUMEN RECTILINEAR	12	1,023	12.09	145	0.0	41			146	11.6
4		50,000 LUMEN RECTILINEAR 50 000 LUMEN RECTITINEAR (S)	132	21,549 29.385	16,00 20,40	2,112	0.3	251 436			2,134	11.8 8.11
₽ ₽		so,000 LUMEN RECTILINEAR (6)	0	0	21.27	0	0,0	°			0	0.0
81		50,000 LUMEN SETBACK 50 000 LUMEN SETBACK (5)	216 36	35,262	23.79 29.05	5,139 1 046	¥ 6	611 135	11.9	χ, r	5,175 1.062	11.8
; 8	Ē	EAD	120,332	9,595,373		1,052,991	78.8	125,657	11.9	8,6	1,062,855	11.8
5	-	UNDERGROUND DISTRIBUTION:										
3	_	-0R:										
នេះ	7,000 LUMEN (DECN)	N V (CDEN)	09 C	4.370	7.24	434	0.0	52	12.0	4 0	438	11.9
3 55	- ,-	V (4)	600	43,700	11,58	6,948	0.5	828	11.9	42 45	6,993	11.8
8 <u>9</u> i	7,000 LUMEN (5)	K (5)		874	11.64	140	0.0	16	11.4	- î	141	11.3
59	7,000 LUMEN	N (8)		077/97	14,10 8.36	601'e	0.0	600 600	5,0 0,0	27	0	0.0
5	10,000 LUMEN	1 (4)		8,505	12.70	1,067	0.1	127	611	6	1,076	11.8
62	10,000 LUMEN	1 (8)		15,795	15,30	2,387	0.2	282	11.8	16 2	2,403	11.7
3 2	21,000 LUMEN 21.000 LUMEN	1891		21.054	11.45	1,080	0.2	285	ין ד 1 בי	° 8	2,423	11.8
65	METAL HALIDE	1	•									
8 1	34,000 LUME 20 EOD FIIME	2 2	00		7.24 A.36	00	0.0	0 C	0.0	0 0	• •	0.0
5 6	36,000 LUME	. 2			11.25	• •	0.0	ð	0.0	0	0	0.0
\$ ;	SODIUM VAPO			c	7 87	4	00	c	00	-	c	6
2 2	9,500 LUME	A (6)		974	13.14	315	0.0	38	12.1		316	12.0
72	9,500 LUME	N (8)		23,863	14.81	8,708	0.7	1,035	B.11	. 25	8,733	11.9
27	9,500 LUME	N (10) V (13)	24	9/4 487	12.27	294	0.0	4 8	11.6		667 661	11.6
75	9,500 LUME	N (OPEN)		•	5.99	0	0.0	0	0.0	0	-	0.0
2	16,000 LUME	N			8.55		0.0	°Ę	0.0		Ĵ	0.0
: 2	22.000 LUMEI			18,012	11.13	2,538	02	301	11.9	1 0	2,557	11.8
79	22,000 LUME	N (5)		4,740	15,53	932	1.0	<u>5</u>	11.8	5	937	211
8:	22,000 LUME	N (8) V (8A)		41,712	18.07	145,9 871	2.0	1,130	8.11 8.11	5 <del>4</del>	875 875	11.8
82	27,500 LUME	N		•	11.13	0	0.0	0	0.0	0	0	0.0
83	27,500 LUME	(6) N	252	19,908	24.99	6,297	0.5	749	0,11 0,11	20 56	6,317 6.070	11.9
5 8	50,000 LUME	N (8)		11,754	21.89	1,576	1.0	187	6.IT	8 12	1,588	11.8
55	50,000 LUME	(6) N		21,549	28.81	3,803	6.0	453	11.9	22	3,825	11.8
£8 8	DECORMINE 1	87 DECORATIVE MERCURY VAPOR: 88 - 7 ANN LIMEN JOWN & COLINTEY	-	c	7.48	c	0.0	0	0.0	0	0	0.0
5	7,000 LUMEN	TOWN & COUNTRY (3)		15.354	11.68	2,556	0.2	305		16	2,582	11.8
6	7,000 LUMEN	TOWN & COUNTRY (10)		418,539	11.88 9.40	69 <b>,</b> 949 276	52	8,303 26		430	(0,3/9 778	11.8
6	7.000 LUMEN	HOLOPHANE (10)	1,909	139,039	13.80	26,344	2.0	3,131	11.9	143	26,487	11.8
93	7,000 LUMEN	GAS REPLICA (7)		6,992	33.45	3,211	0.2	382		~ 1	3,218	11.9
5	7,000 LUMEN	GRANVILLE			7.56	0 0	0.0		00	00	• •	0.0
8 B	7,000 LUMEN	GKANVILLE (7) ASPEN	24	1.748	13.61	327	0.0	9 <u>6</u>	9.11 9.11	0	329	11.9
•										,		
HT (E) IA (AF) IA (AF)	ESE FIGURES RE EFLECTS FUEL C	(i) THESE FIGURES REPRESENT NUMBER OF UMITS BILLED. (id) REFLECTS FUEL COST RECORPER VACUED IN ABSIE RATES OF 50.023837 PER KUM. O DESCLETTS FUEL COMPONENT DE IN MANAR PER AMEN	S BILLED. IN BASE RATES OF 50.0 IN KNMH	123837 PER KWH.		(5) WITH 35' WOOD POLE. (8) WITH 40' WOOD POLE. (7) WITH 17' ALUM POLE.	D POLE. D POLE. I POLE.		(9) WITH 30' ALUM POLE. (10) WITH 17' FIBERGLASS POLE. (11) WITH 12' FIBERGLASS POLE.	N POLE. ERGLASS POLE. ERGLASS POLE.		
20	TH 17 WOOD LAN	WNATED POLE.				NUTH 28" ALUM	POLE.		(12) WITH 30' FIBL	ERGLASS POLE		
(4) Mu	10-1 00 000 - HI	LE.				(BA) WILL 28. ALU	וא דטנב חבאיר ג		137 CC 11 11 (CL)	ייייטר פראיזטאם		

CURRENT ANNUALIZED

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

LINE NO.	RATE CODE C (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES(1A) (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS 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) (0)
				(KWH)	(S/UNIT)	(3)	(%)	(3)	(%)	(\$)	(3)	(%)
		TING - CO OWNED & MAI	NTAINED (CONTD.)									
98 99		RIBUTION (CONT'D.):										
100			0	0	7.48	D	0.0	0	0.0	0	0	0.0
101			60	4,265	19.45	1,167	0.1	139	11.9	4	1,171	11.9
102			468	33,267	11.88	5,560	0.4	660	11.9	34	5,594	11.8
103			0	0	13.61	0	0.0	0	0.0	0	0	0.0
104			0	0	26.48	0	0.0	0	0.0	0	0	0.0
105			0	0	21.57	0	0.0	0	0.0	0	0	0.0
106			0	0	21.57	0	0.0	0	0.0	0	0	0.0
107 108	14,500 LUMEN GAS I 14,500 LUMEN GAS I		240 60	17,480 4,370	33.54 25.97	8,050 1,558	0.6 0.1	955 185	11.9 11.9	18	8,068 1,562	11.8 11.8
100	H,000 LONEN GAUT	(CFCION (10)	00	4,010	23.31	1,000	0.1	105	11.9	4	1,502	11,0
109	DECORATIVE SODIU	W VAPOR:										
110	9,500 LUMEN TOWN	& COUNTRY	98	3,977	10.93	1,071	0.1	128	12.0	4	1,075	11.9
111	9,500 LUMEN TOWN	& COUNTRY (10)	1,896	76,946	15.33	29,066	2.2	3,450	11.9	79	29,145	11.8
112			576	25,536	11.84	6,820	0.5	812	11.9	26	6,846	11.9
113	9,500 LUMEN HOLO		312	13,832	16.24	5,067	0.4	602	11.9	14	5,081	11.8
114			132	5,852	34.23	4.518	0.3	538	11.9	6	4,524	11,9
115	-,		12	532	26.66	320	0,0	38	11.9	1	321	11.8
116	9,500 LUMEN GAS R		312 686	13,832	35.13	10,961	0.8	1,304	11.9	14	10,975	11.9
117 118	9,500 LUMEN ASPER 9,500 LUMEN TRAD		0	39,368 0	13.79 10.93	12,246 0	0,9 0.0	1,456 0	11.9 0.0	40 0	12,286 0	11.9 0.0
119			696	28,246	15.33	10,670	0.0	1,266	11.9	29	10,699	11.8
120	9,500 LUMEN GRAN		0	20,240	13,79	10,070	0.0	1,200	0.0	23	0.00	0.0
121	9,500 LUMEN GRAN		õ	ŏ	25.76	õ	0.0	ő	0.0	ő	ů	0.0
122			a	Ō	18,19	Ō	0,0	Ō	0.0	ō	0	0.0
123	9,500 LUMEN GRAN	VILLE (11)	0	0	26.66	0	0.0	0	0.0	0	0	0.0
124	22,000 LUMEN REC1		0	0	12.15	0	0.0	0	0.0	0	0	0.0
125			169	14,407	20,53	3,470	0,3	412	11.9	15	3,485	11.8
126			0	0	16.06	0	0.0	0	0.0	0	0	0.0
127 128	50,000 LUMEN RECT		36 204	5,877 33,303	24.44 24,66	880 5.031	0.1 0.4	105 597	11.9 11.9	6 34	886 5,065	11,9 11,8
120	50,000 LUMEN RECT 50,000 LUMEN SETE		204	33,303	23.79	5,031	0.0	0	0.0	34	5,065 0	0.0
	• • • • • • • • • • • • • • • • • • • •	-	18,145	1,244,438	20.10	269.082	20.2	31.961	11.9		270.361	
	TOTAL UNDERGROU	-		1,244,430		269,002	20.2	31,901		1,279	210,301	11.8
		ED IN RATES ABOVE (\$ PE										
132	ENVIRONMENTA	L SURCHARGE MECHANIS	M RIDER (ESM)		0,000000	0	0.0	0	0.0		0	0.0
133	DISTRIBUTION C	APITAL INVESTMENT RIDE	R (DCI)		0.000000	0	0.0	0	0.0		0	0.0
134	FERC TRANSMIS	SION COST RECOVERY RI	DER (FTR)		0.000000	0	0.0	0	0.0		0	0.0
135	PROFIT SHARING	MECHANISM (PSM)			(0.000456)	(4,943)	(0.4)	0	0.0		(4,943)	0.0
136	TOTAL RIDERS NOT	INCLUDED IN RATES ABO	VE			(4,943)	(0.4)	0	0.0		(4,943)	0.0
137	ADD'L FACILITIES CH	ARGE:										
138	OVERHEAD		5,647		0.52	2,936	0.2	339	11.5		2,936	11.5
139	UNDERGROUND	_	20,991		0.75	15,743	1.2	1,889	12.0		15,743	12.0
140	TOTAL ADD'L FACILI	TIES CHG	26,638			18,679	1.4	2 228	11.9	0	18,679	11.9
141	TOTAL RATE SLI NCI	UDING RIDERS	138,477	10,639,811		1,335,809	100.0	159,846	12.0	11,143	1,346,952	11.9
(1A) R (2) RE (3) WD	EFLECTS FUEL COST R	NT NUMBER OF UNITS BILLE ECOVERY INCLUDED IN BAS ENT OF \$0.001028 PER KWH D POLE.	E RATES OF \$0.0238.	37 PER KWH.		(5) WITH 35' WOOD (5) WITH 40' WOOD (7) WITH 12' ALUM (8) WITH 28' ALUM (8A) WITH 28' ALU	POLE. POLE. POLE.		(9) WITH 30' ALUM (10) WITH 17' FIBER (11) WITH 12' FIBER (12) WITH 30' FIBER (13) WITH 35' FIBER	RGLASS POLE. RGLASS POLE. RGLASS POLE.		

SCHEDULE M-2.2 PAGE 15 OF 20 WITNESS RESPONSIBLE: B. L. SAILERS

SCHEDULE M-2.2 PAGE 16 OF 20

WITNESS:

B. L. SAILERS

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

# CURRENT ANNUALIZED

.INE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	(M / K) (N)	REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL RÉVENUE % INCREASE (M / K1) (O)
1 2		LIGHTING CE		(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
	(A) WHERE CO SUPPLIES ENI	DMPANY ERGY ONLY (3):										
5	ALL CONSUM	<b>IPTION</b>	76,019	680,382	0.038066	25,899	37.0	3,078	11.9	700	26,599	11.6
7 8 9	(B) WHERE CO SUPPLIES EN SEPARATELY AND PROVIDE MAINTENANC	ERGY FROM A METERED SOURCE ES LIMITED										
11	ALL CONSUN	APTION	0	0	0.021078	0	0.0	0	0.0	0	0	0.0
13 14	(B) WHERE CO SUPPLIES EN PROVIDES LIN MAINTENANC	ERGY AND WITED										
16	ALL CONSUM	IPTION	18,876	758,083	0.059145	44,837	63.9	5,328	11.9	779	45,616	11,7
17	TOTAL RATE	TL EXCLUDING RIDERS	94,895	1,438,465		70,736	100.9	8,406	11.9	1,479	72,215	11.6
		NCLUDED IN RATES ABOVE:										
19		IENTAL SURCHARGE MECHANISM RIE			0.000000	0	0.0	0	0.0		0	0.0
20		ION CAPITAL INVESTMENT RIDER (DO	•		0.000000	0	0.0	0	0.0		0	0.0
21		NSMISSION COST RECOVERY RIDER	(FTR)		0.000000 (0.000456)	0 (656)	0,0 (0,9)	0	0.0 0.0		0 (656)	0.0 0.0
22 23		IARING MECHANISM (PSM) RS NOT INCLUDED IN RATES ABOVE			<i>[</i> 0.000430]	(656)	(0.9)		0.0		(656)	-
24	TOTAL RAT	E TL INCLUDING RIDERS	94,895	1,438,465		70,080	100.0	8,406	12.0	1,479	71,559	11.7

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

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

# CURRENT ANNUALIZED

SCHEDULE M-2.2 PAGE 17 OF 20

WITNESS:

**B. L. SAILERS** 

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES(3) <i>(J)</i>	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	UOLS UNMETE	ERED OUTDOOR LIGHTING SERV										
2	BASE RATE		85,492	5,454,321	0.037481	204,433	101.2	24,299	11.9	5,607	<b>2</b> 10,040	. 11.6
з	RIDERS NOT II	NCLUDED IN RATES ABOVE:										
4	ENVIRONMI	ENTAL SURCHARGE MECHANISM RID	DER (ESM)		0.000000	0	0.0	0	0.0		0	0.0
5	DISTRIBUTI	ON CAPITAL INVESTMENT RIDER (DO	CI)		0.000000	0	0.0	0	0.0		0	0.0
6	FERC TRAN	ISMISSION COST RECOVERY RIDER (	(FTR)		0.000000	0	0.0	0	0.0		0	0.0
7	PROFIT SH	ARING MECHANISM (PSM)			(0.000456)	(2,487)	(1.2)	0	0.0		(2,487)	0.0
8	TOTAL RIDER	RS NOT INCLUDED IN RATES ABOVE	······································			(2,487)	(1.2)	0	0,0		(2,487)	0.0
9	TOTAL RATE (	JOLS INCLUDING RIDERS	85,492	5,454,321		201,946	100.0	24,299	12.0	5,607	207,553	11.7

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

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

# CURRENT ANNUALIZED

INE RATE NO. CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D) (KWH)	MOST CURRENT RATES(3) (J) (\$/UNIT)	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 % INCREASI (M / K1) (O) (%)
1 NSU NON S	STANDARD STREET LIGHT UNITS		(11)	(20111)	(3)	(70)	(2)	(70)	1-27	(3)	(70)
2 (A) COMPA	NY OWNED										
3 (1) BOULEV	ARD INCANDESCENT(UG):										
• • • • • • • • •	EN SERIES	0	0	9.22	-	0.0	0	0.0	0	0	0.0
,	EN MULTIPLE	144	9,432	7.16	1,031	1.7	122	11.8	10	1,041	11.7
• •	IANE DECORATIVE:										
7 10,000 LUM				40.00					65		
	RGLASS POLE	372	37,665	16.79	6,246	10.1	744	11,9	39	6,285	11.8
	LGT UNITS (OH)	372	24,366	7.10	2,641	4.3	313	11,9	25	2.666	11.7
	MEN INDANDESCENT MEN MERCURY VAPOR	7,008	24,300 264,552	6.72		4.3 76.4	5,606	11,9	25	47,365	11.8
	MEN MERCURY VAPOR	408	65.076	10.66	•	7.1	518	11.9	67	4,416	11.7
			•	10.00		99.6	7,303	11.9	412	61,773	- 11.8
13 TOTAL COM	MPANY OWNED	8,304	401,091		61,361	99.0	7,303	11.9	412	01,773	- 11.0
14 (B) CUSTO	MER OWNED WITH LTD MAINT										
15 (1) BOULEV	ARD INCANDESCENT(UG):										
16 2,500 LUM	EN SERIES	0	0	5.44	0	0.0	0	0.0	0	0	0,0
17 2,500 LUM	EN MULTIPLE	60	3,930	6.92	415	0.7	49	0.0	4	419	11.7
18 TOTAL CUS	TOMER OWNED	60	3,930		415	0.7	49	11.8	4	419	. 11.7
19 TOTAL RA	TE NSU EXCLUDING RIDERS	8,364	405,021		61,776	100.3	7,352	11.9	416	62,192	. 11.8
	T INCLUDED IN RATES ABOVE (\$/#	(WH)-									
	NMENTAL SURCHARGE MECHANIS			0.000000	0	0.0	0	0.0		0	0.0
	UTION CAPITAL INVESTMENT RIDE			0.000000	0	0.0	0	0.0		0	0.0
	RANSMISSION COST RECOVERY RI	• •		0.000000	0	0.0	0	0.0		0	0.0
	SHARING MECHANISM (PSM)	., ,		(0.000456)	) (185)	(0.3)	0	0.0		(185)	0.0
25 TOTAL RIL	DERS NOT INCLUDED IN RATES AB	0VE			(185)	(0.3)	0	0.0		(185)	0.0
	ENSU INCLUDING RIDERS	8,364	405,021		61,591	100,0	7,352	11.9	416	6 <b>2</b> ,007	11.9

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

SCHEDULE M-2.2 PAGE 18 OF 20 WITNESS: B. L. SAILERS

DATA: \_\_X\_\_BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(5).: 6 Months Actual and 6 Months Projected

SCHEDULE M-2.2 PAGE 19 OF 20 WITNESS: B. L. SAILERS

6 Months Acu	luai and 6 Months Projected			CURRI	ENT ANNUALIZED	I				8. L. SAILERS	
LINÉ RATE NO. CODE (4)	CLASS / DESCRIPTION (B)	CUSTOMER Bills(1) (C)	SALES	MOST CURRENT RATES{3) (J)	CURRENT REVENUE LESS FUEL COST RÉVENUE (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 % INCREAS (M / K1) (O)
	1=/		(KWH)	(\$/UNIT)	(8)	(%)	(5)	(%)	(\$)	(\$)	(%)
2 CUST	STREET LIGHTING - T OWNED/LTD MAINT NDARD UNIT-COBRAHEAD		1.0	(\$ЛКШН)		1.9		,	(0)	(3)	(74
4 MÉF	RCURY VAPOR										
5 7,00	00 LUMEN	0	0	4.19	0	0,0	0	0.0	0	0	0.0
	OO LUMEN	0	0	5.33	0	0.0	0	0.0	0	0	
7 21,00	00 LUMEN	0	0	7.40	0	0.0	0	0.0	0	0	0.0
	AL HALIDE										
	00 LUMEN	0	0	4.19	0	0,0	0	0.0	0	0	0.0
	00 LUMEN	0	0	5.33	0	0.0	0	0.0	0	a	0,0
11 36,00	00 LUMEN	0	0	7.40	0	0.0	0	0.0	0	0	0.0
	UM VAPOR										
	DO LUMEN	0	0	5.04	0	0.0	0	0.0	0	0	
	00 LUMEN	0	0	5.62	0	0.0	0	0.0	G	0	
	00 LUMEN	0	0	6.17	0	0.0	0	0.0	0	0	
	00 LUMEN 00 LUMEN	0	0	6.17 8.36	0	0.0 0.0	0	0.0 0.0	0	0	
11 30,00	UU LUMEN	U	U	D.30	0	0.0	U	0.0	Ų	0	0.0
	PRATIVE UNITS:										
	10 LUMEN MERCURY VAPOR⊶ LOPHANE	0	0	5.32	0	0.0	0	0.0	0	D	0.0
	WN& COUNTRY	0	0	5.32	0	0.0	0	0.0	0	0	0,0
	S REPLICA	0	0	5.32	0	0.0	0	0.0	0 0	0	0.0
22 GAS 23 ASP		0	0	5.32	0	0.0	0	0.0	ů ů	0	0.0
24 14,000	0 LUMEN METAL HALIDE										
	ADITIONAIRE	0	0	5.27	0	0.0	0	0.0	0	0	0.0
	ANVILLE ACORN	0	0	5.32	0	0.0	0	0.0	ő	ő	0.0
	S REPLICA	0	0	5.32	0	0,0	ŭ	0.0	ŏ	ő	0.0
28 9,500	ULUMEN SODIUM VAPOR										
	WN & COUNTRY	0	0	4.96	0	0,0	0	0.0	D	D	0.0
	AOITIONAIRE	ŏ	ů 0	4.96	0	0.0	õ	0,0	ő	0	0.0
	ANVILLE ACORN	õ	0	5.18	0	0.0	0	0,0	ő	O	0.0
	CTILINEAR	0	0	4.96	0	0.0	Ō	0.0	ō	0	0.0
33 ASP		ō	0	5.18	Ō	0.0	Q	0.0	0	0	0.0
	LOPHANE	0	0	5.18	0	0.0	0	0.0	0	0	0.0
	S REPLICA	0	0	5.18	0	0.0	0	0.0	0	0	0.0
36 SODIU	UM VAPOR										
37 22,0	000 LUMEN (RECTILINEAR)	0	0	6.54	0	0.0	0	0.0	0	0	0.0
38 50,0	000 LUMEN (RECTILINEAR)	0	0	8.65	0	0.0	0	0,0	0	0	0,0
39 CUST	T OWNED/CUST MAINT										
40 ENER	RGY ONLY	2,064	97,596	0.037481	3,658	101.2	435	11.9	100	3,758	11.6
41 TOTA	AL RATE SC EXCLUDING RIDERS	2,064	97,596	-	3,658	101,2	435	11.9	100	3,758	11.6
42 RIDER	RS NOT INCLUDED IN RATES ABOVE (\$/KWH):	:									
	NVIRONMENTAL SURCHARGE MECHANISM R			0.000000	0	0,0	0	0.0		0	0.0
	ISTRIBUTION CAPITAL INVESTMENT RIDER (			0,000000	0	0,0	0	0.0		0	0.0
	ERC TRANSMISSION COST RECOVERY RIDER			0.000000	0	0.0	0	0.0		0	0.0
	ROFIT SHARING MECHANISM (PSM)			(0.000456)	(45)	(1.2)	0	0.0		(45)	0.0
47 TOTA	AL RIDERS NOT INCLUDED IN RATES ABOVE				(45)	(1.2)	0	0,0	·	(45)	0.0
48 7074		2.064	07 506		3 6*3	100.0	435	12.0	100	3,713	11.7
46 IUIAI	L RATE SC INCLUDING RIDERS	2,064	97,596	-	3,613	100.0	435		100	3,113	

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

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

CURRENT ANNUALIZED

SCHEDULE M-2.2 PAGE 20 OF 20

WITNESS:

B. L. SAILERS

	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES(3) (J)	CURRENT REVENUE LESS FUEL COST REVENUE <i>(K)</i>	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	(F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (2) <i>(H</i> )	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
	SE ST	REET LIGHTING -		(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1 2		VERHEAD EQUIVALENT RATE										
3	MERCU	RY VAPOR 7,000 LUMEN:										
4		& COUNTRY	6,816	484,504	7.29	49,689	26.2	5,930	11.9	498	50,187	11.8
5	HOLO	DPHANE	2,328	169,556	7.32	17,041	9.0	2,025	11.9	174	17,215	11.8
6	GAS I	REPLICA	696	50,692	7.32	5,095	2.7	605	11.9	52	5,147	11.8
7	ASPE	N	132	9,614	7.32	966	0.5	115	11.9	10	976	11.8
8	METAL	HALIDE 14,000 LUMEN:										
9	TRADI	ITIONAIRE	3,144	223,486	7.29	22,920	12.1	2,735	11.9	230	23,150	11.8
10	GRAN	VILLE ACORN	0	0	7.32	0	0.0	0	0.0	0	0	0.0
11	GAS R	REPLICA	588	42,826	7.32	4,304	2.3	512	11.9	44	4,348	11.8
12	SODIUN	I VAPOR 9,500 LUMEN:										
13	TOWN	& COUNTRY	3,192	129,542	7.95	25,376	13.4	3,001	11.8	133	25,509	11.8
15	HOLC	DPHANE	2,364	104,804	8.05	19,030	10.0	2,270	11.9	108	19,138	11.9
16	RECT	TLINEAR	972	39,447	7.95	7,727	4.1	914	11.8	41	7,768	11.8
17	GAS I	REPLICA	1,272	56,392	8.04	10,227	5.4	1,221	11.9	58	10,285	11.9
19	ASPE	N	2,580	114,380	8.04	20,743	10.9	2,477	11.9	118	20,861	11.9
14	TRADI	ITIONAIRE	0	0	7.95	0	0.0	0	0.0	0	0	0.0
18	GRAN		156	6,916	8.04	1,254	0.7	150	12.0	7	1,261	11.9
20	SODIUN	I VAPOR:										
21	22,000	LUMEN (RECTILINEAR)	480	40,920	11.42	5,482	2,9	652	11.9	42	5,524	11.8
22		LUMEN (RECTILINEAR)	24	3,918	15.11	363	0.2	43	11.8	4	367	11.7
23	50,000	LUMEN (SETBACK)		00	15.11	0	0.0	0	0.0	0	0	0.0
24	TOTAL	RATE SE EXCLUDING RIDERS	24,744	1,476,997		190,217	100.4	22,650	11.9	1,519	191,736	11.8
25	RIDERS	NOT INCLUDED IN RATES ABOVE (\$/	KWH):									
26	ENV	IRONMENTAL SURCHARGE MECHANIS	SM RIDER (ESM)		0.000000	0	0.0	0	0.0		0	0.0
27		RIBUTION CAPITAL INVESTMENT RID	ER (DCI)		0.000000	0	0.0	0	0.0		0	0.0
28	FER	C TRANSMISSION COST RECOVERY R	IDER (FTR)		0.000000	0	0.0	0	0.0		0	0.0
29	PRO	FIT SHARING MECHANISM (PSM)	•		(0.000456)	(674)	(0.4)	0	0.0		(674)	0.0
30	TOTAL	RIDERS NOT INCLUDED IN RATES A	BOVE			(674)	(0.4)	0	0.0		(674)	0.0
31		. RATE SE INCLUDING RIDERS	24,744	1,476,997		189,543	100.0	22,650	11,9	1,519	191,062	11.9

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_X\_ BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_\_X\_ ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S) .: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

SCHEDULE M-2.3 PAGE 1 OF 20 WITNESS: B. L. SAILERS

PROPOSED ANNUALIZED PROPOSED % OF REV TO PROPOSED REVENUE LESS TOTAL LESS TOTAL LINE RATE CLASS / CUSTOMER PROPOSED FUEL COST FUEL COST FUEL COST REVENUE NO. CODE DESCRIPTION BILLS SALES RATES REVENUE REVENUE REVENUE (F + H) (A) (B) (C) (D) (E) (F) (G) (I) (H) (KWH) (¢/KWH) (\$) (%) (5) (\$) RESIDENTIAL 1 RS RESIDENTIAL SERV 1,525,197 1,453,752,034 10,3295 150,165,787 100.00 1,494,457 151,660,244 TOTAL RESIDENTIAL 1,525,197 1,453,752,034 10.3295 2 150,165,787 39.09 1,494,457 151,660,244 DISTRIBUTION 3 DS DISTRIBUTION SERV 157,022 1,115,844,489 9.2540 103,260,054 53.54 1,147,088 104,407,142 DT-PRI TIME OF DAY 443 492,952,443 7.0609 34,607,039 18.05 506,755 35,313,794 4 5 DT-SEC TIME OF DAY 1,786 683,434,130 7.6462 52,256,560 27.10 702,570 52,959,130 £Н ELEC SPACE HEATING 502 7,3627 6 9,803,357 721,787 0.37 10,078 731,865 7 SP SPORTS SERV 184 269,849 12.0375 32,483 0.02 277 32,760 540 10.9133 GSEL SMALL FIXED LOADS 8 6,194,943 676,074 0.35 6,368 682,442 9 DP PRIMARY VOLTAGE 120 13,046,582 8.4432 1,101,548 0.57 13,412 1,114,960 TOTAL DISTRIBUTION 160,597 2,321,545,793 8.3072 192,855,545 50.22 10 2,386,548 195,242,093 TRANSMISSION 6.4252 11 TT TIME OF DAY 156 213,269,428 13,703,083 100,00 219,241 13,922,324 6.4252 3.57 13,922,324 TOTAL TRANSMISSION 156 213,269,428 13,703,083 219,241 12 REAL TIME PRICING 13 DT-RTP PRI REAL TIME PRICING 0 0 0 0.00 0 n 24 4,131,069 4,2875 177,120 26.51 177,120 DT-RTP SEC REAL TIME PRICING 0 14 9,5025 36 4 27 15 DS-RTP REAL TIME PRICING 299,922 28,500 0 28,500 24 12,915,280 3,5807 462,458 69.22 462,458 16 TT-RTP REAL TIME PRICING 84 0.17 17 TOTAL REAL TIME PRICING 17,346,271 3,8514 668,078 0 668,078 LIGHTING 18 SL STREET LIGHTING 138,477 10,839,811 13,7978 1,495,655 71.72 11,143 1,506,798 5.4562 19 TL TRAFFIC LIGHTING 94,895 1,438,465 78,486 3.76 1,479 79,965 20 UOLS UNMTRD OUTDR LIGHT 85,492 5,454,321 4.1480 226,245 10.85 5,607 231,852 21 22 NSU NON STD STREET LIGHT 8,364 405,021 17,0221 68,943 3.31 416 69,359 23 24 SC CUST OWNED STREET LIGHTING 2,064 97,596 4.1477 4,048 0,19 100 4,148 24,744 1,476,997 14,3665 212,193 10.17 213,712 25 SE OVR HD EQUIV STREET LIGHTING 1,519 354,036 10.5801 0.54 20,264 2,105,834 26 TOTAL LIGHTING 19,712,211 2,085,570 OTHER MISC REVENUE 1001 INTERDEPARTMENTAL 12 729,253 7.0400 51,324 0.21 750 52,074 27 3,984,486 16,17 3,984,486 28 PJM AND TRANSMISSION 0 0 0 23,092 0.09 23,092 29 BAD CHECK CHARGES n 0 0 RECONNECTION CHGS 189,382 0,77 0 189,382 30 0 117,775 117.775 POLE AND LINE ATTACHMENTS 0.48 0 31 Ð 0 930,344 3.78 930,344 32 RENTS 0 0 0 5,4600 0.03 7,713 WS SPECIAL CONTRACTS 132 138,735 7,570 143 33 19,330,403

0

2838.1000

9.5400

867,985

4,026,493,725

144

2,040,214

19,330,403

24,634,376

384,112,439

78.47

6.41

100.00

893

4,121,403

24,635,269

388,233,842

(1) DETAIL CONTAINED ON SCHEDULES M-2.3 PAGES 2 THROUGH 20.

OTHER MISC

TOTAL MISC REVENUE

TOTAL

34

35

36

DATA: \_\_X\_\_BASE PERIOD \_\_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017 SCHEDULE M-2,3 PAGE 2 OF 20 WITNESS: B. L, SAILERS

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# PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES <i>(D)</i>	PROPOSED RATES <i>(E)</i>	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) <i>(H</i> )	PROPOSED TOTAL REVENUE (F + H) (I)
	RS RESID	ENTIAL		(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
_									
2 3	CUSTOMER CI BILLS	HARGE:	1,525,197		\$11.22	17,112,710	11.4		17,112,710
4	ENERGY CHAP	RGE (3):							
5	ALL KWH			1,453,752,034	0.083908	121,981,426	81.2		121,981,426
6	TOTAL RATE	RS EXCLUDING RIDERS	1,525,197	1,453,752,034		139,094,136	92.6		139,094,136
7	RÍDERS:								
8	HOME ENER	RGY ASSISTANCE (HEA)			\$0.10	152,520	0.1		152,520
9	DEMAND SI	DE MANAGEMENT RIDER (DS	SMR)		0.007967	11,582,042	7.7		11,582,042
10	ENVIRONMI	ENTAL SURCHARGE MECHAI	NISM RIDER (ESM)		0.000000	0	0.0		0
11	DISTRIBUTI	ON CAPITAL INVESTMENT RI	IDER (DCI)		0.000000	0	0.0		0
12	FUEL ADJU	STMENT CLAUSE (FAC)			0.001028		0.0	1,494,457	1,494,457
13	FERC TRAN	SMISSION COST RECOVERY	RIDER (FTR)		0.000000	0	0.0		0
14	PROFIT SHA	ARING MECHANISM (PSM)			(0.000456)	(662,911)	(0.4)		(662,911)
15	TOTAL RIDER	RS				11,071,651	7.4	1,494,457	12,566,108
16	TOTAL RATE	RS INCLUDING RIDERS	1,525,197	1,453,752,034		150,165,787	100.0	1,494,457	151,660,244

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL ADJUSTMENT CLAUSE (FAC) OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_X\_BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

SCHEDULE M-2.3 PAGE 3 OF 20 WITNESS: B. L. SAILERS

PROPOSED ANNUALIZED

	RATE CODE <i>(A)</i>	CLASS / DESCRIPTION <i>(B)</i>	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) <i>(H)</i>	PROPOSED TOTAL REVENUE (F + H) (I)
1 2		RVICE AT SECONDARY STRIBUTION VOLTAGE		(KW/KWH)	(\$/KWH)/ (\$/KW)	(5)	(%)	(\$)	(\$)
3	CUSTOME	R CHARGE:							
4	LOAD MA	NAGEMENT RIDER - NON-INTERVAL	1,798		\$5.00	8,990	0.0		8,990
5	LOAD MA	NAGEMENT RIDER - INTERVAL	12		\$5.00	60	0,0		60
6	SINGLE P		84,521		\$17.14	1,448,690	1.4		1,448,690
7	THREE PH	IASE	72,501		\$34.28	2,485,334	2.4		2,485,334
8	TOTAL CU	STOMER CHARGE	157,022			3,943,074	3.8		3,943,074
9	OEMAND C	HARGE:							
10	FIRST 15	KW		1,388,597	\$0.00	0	0.0		0
11	ADDITION	IAL KW		2,491,897	\$8.73	21,754,262	21.1		21,754,262
12	TOTAL DE	WAND		3,880,494		21,754,262	21.1		21,754,262
13	ENERGY C	HARGE (3):							
14	FIRST 60	00 KWH		366,515,604	0.091917	33,689,015	32.6		33,689,015
15	NEXT 300	KWH/KW		627,126,263	0.056425	35,385,599	34.2		35,385,599
16	ADDITION			119,801,361	0.046204	5,535,302	5.4		5,535,302
17		RCH "CAP" RATE		1,783,161	0.271528	484,178	0.5		484,178
18	CHURCH	CAP RATE		618,100	0.166694	103,034	0.1		103,034
19	TOTAL EN	ERGY	<u> </u>	1,115,844,489		75,197,128	72.8		75,197,128
20	TOTAL RA	TE DS EXCLUDING RIDERS	157,022	1,115,844,489		100,894,464	97.7		100,894,464
21	RIDERS:								
22	DEMAN	D SIDE MANAGEMENT RIDER (DSMR)			0.002576	2,874,415	2.8		2,874,415
23		NMENTAL SURCHARGE MECHANISM R	• •		0.000000	0	0.0		0
24		BUTION CAPITAL INVESTMENT RIDER (	DCI}		\$0. <b>00</b>	0	0.0		0
25		DJUSTMENT CLAUSE (FAC)			0.001028		_	1,147,088	1,147,088
26		RANSMISSION COST RECOVERY RIDER	R (FTR)		0.000000	0	0.0		0
27		SHARING MECHANISM (PSM)			(0.000456)	(508,825)	(0.5)		(508,825)
28	TOTAL RI	DERS				2,365,590	2.3	1,147,088	3,512,678
29	TOTAL RA	TE DS INCLUDING RIDERS	157,022	1,115,844,489		103,260,054	100.0	1,147,088	104,407,142

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL ADJUSTMENT CLAUSE OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_X\_BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S): 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

SCHEDULE M-2.3 PAGE 4 OF 20 WITNESS: B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) <i>(H)</i>	PROPOSED TOTAL REVENUE (F + H) (1)
1	DT-PRI TIME SUMMER:	OF DAY PRIMARY		(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(\$)
3	CUSTOMER CI				# 405 00	60 0 <b>0</b> 0			00.000
4	PRIMARY VOI TOTAL CUSTO		<u>148</u> 148		\$465.00	68,820	0.2		68,820 68,820
5	DEMAND CHAR		140			68,020	0.2		00,020
7	ON PEAK KW			327,270	\$14.39	4,709,415	13.5		4,709,415
8	OFF PEAK KY	4	-	16,385	\$1.30	21,301	0.1	. <u></u> _	21,301
9	SUB-TOTAL		-	343,655		4,730,716	13,6		4,730,716
10	PRIMARY SER FIRST 1000			130,343	(\$0.73)	(95,150)	(0.3)		(95,150)
11 12	ADDITIONA			213,311	(\$0.73) (\$0.56)	(119,454)	(0.3)		(119,454)
	TOTAL DEMAN		-	343,654	(*****/	4,516,112	13.0		4,516,112
14	ENERGY CHAP		=						
15	ON PEAK KW			49,861,512	0.049875	2,486,843	7,1		2,486,843
16	OFF PEAK KV	АН		126,004,348	0.040844	5,146,522	14.8		5,146,522
17	TOTAL SUMME	fR .	148	175,865,860		12,218,297	35.1	- <u></u>	12,218,297
18	WINTER:								
19	CUSTOMER CI		30 <i>t</i>		\$465.00	137,175	0.4		137,175
20	PRIMARY VOI		295 295		\$405.00	137,175	0.4		137,175
21 22	TOTAL CUSTO DEMAND CHAI		295			137,175	0.4		131,173
23	ON PEAK KW			603,475	\$13.62	8,219,324	23.6		8,219,324
24	OFF PEAK KV	v	-	41,090	\$1.30	53,417	0.2		53,417
	SUB-TOTAL		-	644,564		8,272,741	23.8	····	B,272,741
26	PRIMARY SER			266,634	(\$0.73)	(104 643)	(0.6)		(194,643)
27 28	FIRST 1000 ADDITIONA			377,931	(\$0.56)	(194,643) (211,641)	(0.6)		(211,641)
	TOTAL DEMAN		-	644,564	(	7,866,457	22.6		7,866,457
30	ENERGY CHAP		-						
31	ON PEAK KW			87,022,244	0.047612	4,143,303	11.9		4,143,303
32	OFF PEAK KV	AH		230,064,339	0.040844	9,396,748	27,0		9,396,748
33	TOTAL WINTER	र	295	317,086,583		21,543,683	61.9		21,543,683
34	TOTAL RATE	DT PRIMARY EXCLUDING RIDERS	443 _	492,952,443		33,761,980	97,0		33,761,980
35	RIDERS:								
36	DEMAND S	IDE MANAGEMENT RIDER (DSMR)			0.002576	1,269,845	3.6		1,269,845
37		ENTAL SURCHARGE MECHANISM			0.000000	0	0.0		0
38		ION CAPITAL INVESTMENT RIDER (	(DCI)		0.00 0.001028	0	0.0	506,755	0 506,755
39 40		ISTMENT CLAUSE (FAC) ISMISSION COST RECOVERY RIDE	R (FTR)		0.000000	0	0,0	500,755	000,700
40		ARING MECHANISM (PSM)			(0.000456)	(224,786)	(0.6)	<u> </u>	(224,786)
	TOTAL RIDER					1,045,059	3.0	506,755	1,551,814
42	IQIAL IODER								

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0,023837 PER KWH.

DATA: \_\_X\_BASE PERIOD \_\_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

SCHEDULE M-2.3 PAGE 5 OF 20 WITNESS: B. L. SAILERS

# PROPOSED ANNUALIZED

2 5 3 6 4 5 6 7 <i>E</i> 8 9 10 7 11 <i>E</i> 12 13 14 7 15 <i>V</i> 16 C 17		(C)	SALES (D)	RATES <i>(E)</i>	FUEL COST REVENUE <i>(F)</i>	FUEL COST REVENUE (G)	FUEL COST REVENUE (2) <i>(H)</i>	REVENUE (F + H) (1)
3 C 4 5 6 7 7 E 8 9 10 7 11 E 12 13 14 7 15 V 16 C 17	DT-SEC TIME OF DAY SECONDARY		(КШ/КШН)	(S/KWH)/ (S/KW)	(\$)	(%)	(\$)	(\$)
4 5 6 7 2 8 9 10 7 11 8 12 13 14 7 15 14 7 15 7 15 7 15 7	SUMMER: CUSTOMER CHARGE:							
5 67 26 9 107 116 12 13 147 15 16 0 17	SINGLE PHASE	0		\$200,00	0	0.0		0
7 E 8 9 10 7 11 E 12 13 14 7 15 V 16 C 17	THREE PHASE	595		\$400.00	238,000	0.5		238,000
8 9 10 7 11 12 13 14 7 15 14 7 15 16 0 17	TOTAL CUSTOMER CHARGE	595			238,000	0.5		238,000
8 9 10 7 11 12 13 14 7 15 15 16 0 17	DEMAND CHARGE:							-
9 10 7 11 <i>E</i> 12 13 14 7 15 <i>V</i> 16 C 17	ON PEAK KW		522,436	\$14.39	7,517,854	14.4		7,517,854
11 E 12 13 14 7 15 F 16 C 17	OFF PEAK KW		12,081	\$1.30	15,705	0.0		15,705
12 13 14 7 15 1/ 16 C 17	TOTAL DEMAND	-	534,517		7,533,559	14.4		7,533,559
12 13 14 7 15 1/ 16 C 17	ENERGY CHARGE (3):							
14 7 15 M 16 C 17	ON PEAK KWH		76,814,079	0.049875	3,831,102	7.3		3,831,102
15 M 16 C 17	OFF PEAK KWH		168,266,676	0.040844	6,872,684	13.2		6,872,684
16 C 17	TOTAL SUMMER	595	245,080,755		18,475,345	35.4		18,475,345
17	WINTER:							
	CUSTOMER CHARGE:							
18	SINGLE PHASE	0		\$200.00	0	0.0		0
	THREE PHASE	1,191		\$400.00	476,400	0.9		476,400
19 7	TOTAL CUSTOMER CHARGE	1,191			476,400	0.9		476,400
20 E	DEMAND CHARGE:							
	ON PEAK KW		956,046	\$13.62	13,021,340	24.8		13,021,340
22	OFF PEAK KW	_	22,660	\$1.30	29,458	0.1	·	29,458
23 7	TOTAL DEMAND	_	978,706		13,050,798	24.9		13,050,798
24 E	ENERGY CHARGE (3):							
	ON PEAK KWH		133,131,149	0.047612	6,338,640	12.1		6,338,640
26	OFF PEAK KWH		305,222,226	0.040844	12,466,497	23,9		12,466,497
27 7	TOTAL WINTER	1,191	438,353,375		32,332,335	61.8		32,332,335
28	TOTAL RATE DT SECONDARY EXCLUDING RIDERS	1,786	683,434,130		50,807,680	97.2		50,807,680
29 F	RIDERS:							
30	DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	1,760,526	3.4		1,760,526
31	ENVIRONMENTAL SURCHARGE MECHANISM RIDE	R (ESM)		0.000000	0	0.0		0
32	DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.00	0	0.0	702 570	0
33 34	FUEL ADJUSTMENT CLAUSE (FAC) FERC TRANSMISSION COST RECOVERY RIDER (FT	'P)		0.001028 0.000000	0	0.0	702,570	702,570 0
34 35	PROFIT SHARING MECHANISM (PSM)	•••		(0.000456)	(311,646)	(0.6)		(311,646)
	TOTAL RIDERS			(,	1,448,880	2,8	702,570	2,151,450
37	TOTAL RATE DT SECONDARY INCLUDING RIDERS	1,786	683,434,130		52,256,560	100.0	702,570	52,959,130

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS. (2) REFLECTS FUEL COMPONENT OF \$0,001028 PER KWH.

DATA: \_\_X\_ BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

# PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION <i>(B)</i>	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES <i>(E)</i>	PROPOSED REVENUE LESS FUEL COST REVENUE <i>(F)</i>	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) <i>(H)</i>	PROPOSED TOTAL REVENUE (F + H) (I)
1	EH	OPTIONAL RATE FOR ELEC. SPACE HEATING		(KW/KWH)	(\$/KWH) (\$/KW)	(\$)	(%)	(\$)	(\$)
3	custo	MER CHARGE:							
4	SINGL	E PHASE	112		\$17.14	1,920	0.3		1,920
5	THRE	E PHASE	390		\$34.28	13,369	1.8		13,369
6	PRIMA	ARY VOLTAGE	0		\$118.78	0	0.0		0
7	TOTAL	CUSTOMER CHARGE	502			15,289	2.1		15,289
8	DEMAN	ID CHARGE:							
9	ALL K	W	-	38,467	\$0.00	0	0.0		0
10	ENERG	Y CHARGE (3):							
1 <b>1</b>	ALL K	WH		9,803,357	0.069947	685,715	95.0		685,715
12	ΤΟΤΑ	L RATE EH EXCLUDING RIDERS	502	9,803,357		701,004	97.1		701,004
13	RIDERS	S:							
14						25,253	3.5		25,253
15	5 ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.000000	0	0.0		0
16					0.000000	0	0.0		0
17		L ADJUSTMENT CLAUSE (FAC)			0.001028		0.0	10,078	10,078
18		C TRANSMISSION COST RECOVERY	r Rider (FTR)		0.000000	0	0.0		0
19		FIT SHARING MECHANISM (PSM)			(0.000456)	(4,470)	(0.6)		(4,470)
20	ΤΟΤΑΙ	L RIDERS				20,783	2.9	10,078	30,861
21	тот	AL RATE EH INCLUDING RIDERS	502	9,803,357		721,787	100.0	10,078	731,865

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

SCHEDULE M-2.3 PAGE 6 OF 20 WITNESS: B. L. SAILERS

DATA: \_\_X\_ BASE PERIOD \_\_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

SCHEDULE M-2.3 PAGE 7 OF 20 WITNESS: 8, L. SAILERS

# PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) <i>(C)</i>	SALES (D)	PROPOSED RATES <i>(E)</i>	PROPOSED REVENUE LESS FUEL COST REVENUE <i>(F)</i>	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) <i>(H)</i>	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
1	SP SEASC	ONAL SPORTS SERVICE							
2	MINIMUM BILL	_S (4)	o			0	0.0		0
3	CUSTOMER C	HARGE	184		\$17.14	3,154	9.7		3,154
	ENERGY CHAP								
5	ALL CONSU	MPTION		269,849	0.106568	28,757	88.5		28,757
6	TOTAL RATE	SP EXCLUDING RIDERS	184	269,849		31,911	98.2		31,911
7	RIDERS:								
8		SIDE MANAGEMENT RIDER (DSM			0.002576	695	2.2		695
9		IENTAL SURCHARGE MECHANIS			0.000000	0	0.0		0
10		ION CAPITAL INVESTMENT RIDI	ER (DCI)		0.000000	0	0.0		0
11		JSTMENT CLAUSE (FAC)			0.001028	0	0.0	277	277 0
12 13		NSMISSION COST RECOVERY R IARING MECHANISM (PSM)	IDER (FIR)		(0.000456)	(123)	(0.4)		(123)
14	TOTAL RIDER				(0.000400)	572	<u>(0.4)</u> . 1.8		
15	TOTAL RATE S	SP INCLUDING RIDERS	184	269,849		32,483	100.0	277	32,760
16	GS-FL SMAL	L FIXED LOADS							
17	MINIMUM BILL	.S	540		\$3.14	1,696	0.3		1,696
18	BASE RATE (3	):							
19	LOAD RANGE	540 TO 720 HRS		12,111	0.092698	1,123	0.2		1,123
20	LOAD RANGE	E LESS THAN 540 HRS		6,182,832	0.106767	660,122	97.6		660,122
21	TOTAL RATE	GS-FL EXCLUDING RIDERS	540	6,194,943		662,941	98.1		662,941
22	RIOERS:								
23		DE MANAGEMENT RIDER (DSM	•		0.002576	15,958	2,3		15,958
24		IENTAL SURCHARGE MECHANIS			000000.0	0	0,0		0
25		FION CAPITAL INVESTMENT RID	ER (DCI)		0.000000 0.001028	0	0.0	e 250	0 6,368
26 27		USTMENT CLAUSE (FAC) NSMISSION COST RECOVERY R			0.001028	Q	0,0	6,368	0,308
27		ARING MECHANISM (PSM)			(0.000456)	(2,825)	(0.4)		(2,825)
20	TOTAL RIDEF	· · ·			(	13,133	1.9	6,368	19,501
30	TOTAL RATE (	GS-FL INCLUDING RIDERS	540	6,194,943		676,074	100,0	6,368	682,442

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

(4) 1.5% OF INSTALLED TRANSFORMER AMD METERING COSTS BUT NOT LESS THAN CUSTOMER CHARGE WHETHER SERVICE IS ON OR DISCONNECTED.

DATA: \_\_X\_\_ BASE PERIOD \_\_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected SCHEDULE M-2.3 PAGE 8 OF 20 WITNESS: B. L. SAILERS

6 Months Actual Ending May 31, 2017

# PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION <i>(B)</i>	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES <i>(E)</i>	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) <i>(H)</i>	PROPOSED TOTAL REVENUE (F + H) (I)
1 2	-	ERVICE AT PRIMARY ISTRIBUTION VOLTAGE		(KW/KWH)	(\$/KWH) (\$/KW)	(\$)	(%)	(\$)	(\$)
3 4 5	LOADN	ER CHARGE: IANAGEMENT RIDER IY VOLTAGE	24 120		\$5.00 \$118.78	120 14,254	0.0 1.3		120 14,254
-		USTOMER CHARGE	120		¢176110	14,374	1.3	······································	14,374
8	DEMAND ALL KW TOTAL D		-	<u>34,707</u> 34,707	\$8.40	291,542	26.5		291,542 291,542
10 11 12 13	FIRST 3	CHARGE (3): 00KWH/KW DNAL KWH TE KWH	-	10,097,570 2,928,055 20,957	0.060595 0.051267 0.286198	611,862 150,113 5,998	55.6 13.6 0.5		611,862 150,113 5,998
-	TOTAL E			13,046,582		767,973	69.7	······································	767,973
15	TOTAL	RATE DP EXCLUDING RIDERS	120	13,046,582		1,073,889	97.5		1,073,889
17 18	ENVIR	ND SIDE MANAGEMENT RIDER (DSMR) ONMENTAL SURCHARGE MECHANISM F	• •		0.002576 0.000000 0.00	33,608 0 0	3.0 0.0 0.0		33,608 0 0
19 20 21 22	FUEL FERC	IBUTION CAPITAL INVESTMENT RIDER ( ADJUSTMENT CLAUSE (FAC) TRANSMISSION COST RECOVERY RIDEI T SHARING MECHANISM (PSM)	,		0.001028 0.000000 (0.000456)	0 (5,949)	0.0	13,412	0 13,412 0 (5,949)
23	TOTAL	RIDERS				27,659	2.5	13,412	41,071
24	TOTAL F	RATE DP INCLUDING RIDERS	120	13,046,582		1,101,548	100.0	13,412	1,114,960

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

DATA: \_\_X\_BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

SCHEDULE M-2.3 PAGE 9 OF 20 WITNESS: B. L. SAILERS

# PROPOSED ANNUALIZED

	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)
-	TT TIME O			(К₩/К₩Н)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(5)	(5)
_	SUMMER: CUSTOMER CH	ARGE	52		\$500.00	26,000	0.2		26,000
4	DEMAND CHAR	GE:							
5	ON PEAK KW			158,600	\$8.46	1,341,756	9.8		1,341,756
6	OFF PEAK KW			6,575	\$1.28	8,416	0.1		8,416
7	TOTAL DEMAN	D	-	165,175		1,350,172	9.9		1,350,172
8	ENERGY CHAR	GE (3):							
9	ON PEAK KWH	1		25,151,023	0.054454	1,369,574	10.0		1,369,574
10	OFF PEAK KW	ห		45,316,087	0.044594	2,020,826	14.7		2,020,826
11	TOTAL ENERGY	Y		70,467,110	-	3,390,400	24.7		3,390,400
12	TOTAL SUMME	R	52	70,467,110		4,766,572	34.8		4,766,572
-	WINTER:								
14	CUSTOMER CH	ARGE	104		\$500.00	52,000	0.4		52,000
	DEMAND CHAR	GE:		315,419	\$6.95	2,192,161	16.0		2,192,161
16 17	ON PEAK KW OFF PEAK KW			11,328	\$1.28	2,192,101	0.1		2,192,101
	TOTAL DEMAN		-	326,747		2,206,660	16.1		2,206,660
19	ENERGY CHAR	GE (3):							
20				49,796,666	0.051983	2,588,580	18.9		2,588,580
21				93,005,652	0.044594	4,147,494	30.2		4,147,494
	TOTAL ENERG	•		142,802,318	-	6,736,074	49.1		6,736,074
23	TOTAL WINTER	- -	104	142,802,318	-	8,994,734	65,6		8,994,734
24		TT EXCLUDING RIDERS	156	213,269,428		13,761,306	100.4		13,761,306
25	RIDERS:								
26		DE MANAGEMENT RIDER (DSM	AR)		0.000183	39,028	0.3		39,028
27		INTAL SURCHARGE MECHANI	•		0.000000	0	0.0		0
28	FUEL ADJUS	STMENT CLAUSE (FAC)			0.001028			219,241	219,241
29	FERC TRAN	SMISSION COST RECOVERY F	RIDER (FTR)		0.000000	0	0.0		0
30	PROFIT SHA	RING MECHANISM (PSM)			(0.000456)	(97,251)	(0.7)		(97,251)
31	TOTAL RIDER:	s				(58,223)	(0.4)	219,241	161,018
32	TOTAL RATE 1	TT INCLUDING RIDERS	156	213,269,428		13,703,083	100.0	219,241	13,922,324

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_X\_ BASE PERIOD \_\_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

# PROPOSED ANNUALIZED

LINE NO.	RATE CODE <i>(A)</i>	CLASS / DESCRIPTION <i>(B)</i>	CUSTOMER BILLS(1) <i>(C)</i>	SALES <i>(D)</i>	PROPOSED RATES <i>(E)</i>	PROPOSED REVENUE LESS FUEL COST REVENUE <i>(F)</i>	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE <i>(H)</i>	PROPOSED TOTAL REVENUE (F + H) (I)
		DAY SERVICE AT SECONDARY		(КѠН)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
2		ITION VOLTAGE							
3	CUSTOMER CHAR	—							
4	BILLS (Real-Time	e Pricing)	24		\$183.00	4,392	2.5		4,392
5	TOTAL CUSTOME	R CHARGE				4,392	2.5	<u> </u>	4,392
6	ENERGY CHARGE	;							
7	ALL KWH			4,131,069	0.015412	63,668	35.9		63,668
8	ANCILLARY SERV			4,131,069	0.000000	0	0.0	-	0
9	COMMODITY CHA	ARGES		4,131,069	0.024280	100,302	56.7	0_	100,302
10	TOTAL ENERGY		· · · · · · · · · · · · · · · · · · ·	4,131,069		163,970	92.6	0	163,970
11	TOTAL RATE DT	RTP SECONDARY EXCLUDING RIDERS	24	4,131,069		168,362	95.1	0	168,362
_	RIDERS:					10.040			40.040
13		MANAGEMENT RIDER (DSMR)			0.002576 0.000000	10,642 0	6.0 0.0		10,642 0
14 15		AL SURCHARGE MECHANISM RIDER (ES CAPITAL INVESTMENT RIDER (DCI)	(VI)	0	0.00	0	0.0		0
16		SSION COST RECOVERY RIDER (FTR)		0	0.000000	0	0.0		0
17		IG MECHANISM (PSM)			(0.000456)	(1,884)	(1.1)		(1,884)
18	TOTAL RIDERS	· ·			- ,	8,758	4.9	0	8,758
19	TOTAL RATE DT I	RTP SECONDARY INCLUDING RIDERS	24	4,131,069		177,120	100.0	0	177,120

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

SCHEDULE M-2.3 PAGE 10 OF 20 WITNESS: B. L. SAILERS

DATA: X\_BASE PERIOD \_\_\_\_FORECASTED PERIOD TYPE OF FILING: X\_ORIGINAL \_\_\_UPDATED \_\_\_\_REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

# PROPOSED ANNUALIZED

PROPOSED % OF REV TO PROPOSED REVENUE LESS TOTAL LESS TOTAL LINE RATE CLASS / CUSTOMER PROPOSED FUEL COST FUEL COST FUEL COST REVENUE NO. CODE DESCRIPTION BILLS(1) SALES RATES REVENUE REVENUE REVENUE (F + H)(A) *(B)* (C) (D) (E) (F) (G) (H) (1) (KWH) (\$/KWH) (\$) (%) (\$) (\$) 1 DS RTP SERVICE AT SECONDARY DISTRIBUTION VOLTAGE 2 3 CUSTOMER CHARGE: BILLS (Real-Time Pricing) 36 \$183.00 6,588 23.1 6,588 4 5 TOTAL CUSTOMER CHARGE 6,588 23.1 6,588 6 ENERGY CHARGE: ALL KWH 299.922 0.015412 4,622 16.2 4,622 299,922 0.000000 0.0 ANCILLARY SERVICES 0 0 0.055529 COMMODITY CHARGES 299,922 16.654 58.5 0 16,654 9 0 10 TOTAL ENERGY 299,922 21,276 74.7 21,276 36 299,922 27,864 97.8 0 27,864 11 TOTAL RATE DS RTP EXCLUDING RIDERS 12 RIDERS: 773 0.002576 2.7 773 DEMAND SIDE MANAGEMENT RIDER (DSMR) 13 0.000000 0 0.0 0 14 ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM) 0.0 0 DISTRIBUTION CAPITAL INVESTMENT RIDER (DCi) 0.00 0 15 FERC TRANSMISSION COST RECOVERY RIDER (FTR) 0.000000 0 0.0 0 16 PROFIT SHARING MECHANISM (PSM) (0.000456)(137)(0.5)(137)17 636 2.2 0 636 TOTAL RIDERS 18 19 TOTAL RATE DS RTP INCLUDING RIDERS 36 299,922 28,500 100.0 0 28,500

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

SCHEDULE M-2.3 PAGE 11 OF 20 WITNESS: B. L. SAILERS

DATA: \_\_X\_BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected 6 Months Actual Ending May 31, 2017

#### PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION <i>(B)</i>	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE <i>(F)</i>	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE <i>(H)</i>	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
1 2	н кір	TIME OF DAY SERVICE AT TRANSMISSION VOLTAGE							
3		IER CHARGE:							
4	BILLS	(Real-Time Pricing)	24		\$183.00	4,392	0.9		4,392
5	TOTAL (	CUSTOMER CHARGE				4,392	0.9		4,392
6	ENERGY	CHARGE:							
7	ALL KI	WH		12,915,280	0.006472	83,588	18.1		83,588
8	ANCILL	ARY SERVICES		<b>1</b> 2,915,280	0.000000	0	0.0		0
9	COMMO	DDITY CHARGES		12,915,280	0.029268	378,004	81.8	0	378,004
10	TOTAL E	ENERGY		12,915,280		461,592	99.9	0	461,592
11	TOTAL	RATE TT RTP EXCLUDING RIDERS	24	12,915,280		465,984	100.8	0	465,984
12	RIDERS:								
13	DEMA	ND SIDE MANAGEMENT RIDER (DSMR)			0.000183	2,363	0,5		2,363
14		CONMENTAL SURCHARGE MECHANISM RID	• •		0.000000	0	0.0		0
15		TRANSMISSION COST RECOVERY RIDER (F	FTR)		0.000000	0	0.0		0
16	PROF	IT SHARING MECHANISM (PSM)			(0.000456)	(5,889)	(1.3)		(5,889)
17	TOTAL	RIDERS				(3,526)	(0.8)		(3,526)
18	TOTAL	RATE TT RTP INCLUDING RIDERS	24	12,915,280		462,458	100.0	0	462,458

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

SCHEDULE M-2.3 PAGE 12 OF 20 WITNESS: B. L. SAILERS

DATA: _X_ BASE PERIODFORECASTED PERIOD	SCHEDULE M-2,3
TYPE OF FILING: _X_ ORIGINALUPDATED REVISED	PAGE 13 OF 20
WORK PAPER REFERENCE NO(S).	WITNESS:
6 Months Actual and 6 Months Projected	B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	PROPOSED RATES(1A)	PROPOSED REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	FUEL COST REVENUE (2)	PROPOSED TOTAL REVENUE (F + H)
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	້
_			·	(KWH)	(S/UNIT)	(\$)	(*)	(\$)	(\$)
1	SL STRE	ET LIGHTING CO OWNED &	MAINTAINED		1	1.7	1.4		
2	OVERHEAD DIS	TRIBUTION:							
3	MERCURY VAPO	DR:							
4	7,000 LUMEN		67,685	4,529,255	7.96	538,773	36,0	4,656	543,429
5	7,000 LUMEN	(OPEN)	61	4,336	6.65	406	0.0	4	410
6	7,000 LUMEN	(4)	36	2,409	12.82	462	0.0	2	464
7	7,000 LUMEN	(5)	560	37,473	12.88	7,213	0.5	39	7,252
8	7,000 LUMEN	(6)	119	7,963	13.86	1,649	0,1	8	1,657
9	7,000 LUMEN	(8A)	132	8,833	15.80	2,086	0.1	9	2,095
10	10,000 LUMEN	i i	2,199	209,638	9.19	20,209	1.4	216	20,425
11	10,000 LUMEN	l (5)	7	667	14.11	99	0,0	2	101
12	21,000 LUMEN	1	9,600	1,431,200	12.30	118,080	7.9	1,471	119,551
13	21,000 LUMEN	l (5)	132	19,679	17.22	2,273	0.2	20	2,293
14	21,000 LUMEN	1 (6)	132	19,679	18.20	2,402	0.2	20	2,422
15	METAL HALIDE:								
16	14,000 LUMEN	1	336	22,484	7.96	2,675	0.2	23	2,698
17	14,000 LUMEN	í (5)	48	3,212	12.88	618	0.D	3	621
18	14,000 LUMEN	i (6)	91	6,089	13.86	1,261	0.1	6	1,267
19	14,000 LUMEN	i (10)	12	803	12,88	155	0.0	1	156
20	20,500 LUMEN	l i i i i i i i i i i i i i i i i i i i	168	16,016	9.19	1,544	0,1	16	1,560
21	20,500 LUMEN	(6)	24	2,288	15.09	362	0.0	2	364
22	36,000 LUMEN	1	0	0	12.30	0	0.0	0	0
23	SODIUM VAPOR	5							
24	9,500 LUMEN		19,202	779,281	8.81	169,170	11.3	801	169,971
25	9,500 LUMEN	(OPEN)	120	4,870	6.61	793	0,1	5	798
26	9,500 LUMEN	(4)	48	1,948	13.67	656	0.0	2	658
27	9,500 LUMEN	(5)	685	27,800	13.73	9,405	0.6	29	9,434
28	9,500 LUMEN	(6)	685	27,800	14.71	10,076	0.7	29	10,105
29	16,000 LUMEN		372	22,041	9.60	3,571	0.2	23	3,594
30	16,000 LUMEN	(5)	12	711	14.52	174	0.0	1	175
31	16,000 LUMEN	(6)	108	6,399	15.50	1,674	0.1	7	1,681
32	22,000 LUMEN		5,435	429,365	12.45	67,666	4.5	441	68,107
33	22,000 LUMEN	(4)	36	2,844	17.31	623	0.0	3	626
34	22,000 LUMEN		219	17,301	17.37	3,804	0.3	18	3,822
35	22,000 LUMEN	(6)	72	5,688	18.35	1,321	0.1	6	1,327
36	22,000 LUMEN		12	948	20.21	243	0.0	1	244
37	27,500 LUMEN		96	7,584	12.45	1,195	0.1	8	1,203
38	27,500 LUMEN	(6)	12	948	18.35	220	0.0	1	221
39	50,000 LUMEN		10,369	1,692,739	16.73	173,473	11.6	1,740	175,213
40	50,000 LUMEN	(5)	312	50,934	21.65	6,755	0.5	52	6,807
41	50,000 LUMEN	(6)	619	101,052	22.63	14,008	0.9	104	14,112

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(1A) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH. (2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) WITH 17' WOOD LAMINATED POLE.

(4) WITH 30 WOOD POLE.

(8) WITH 28" ALUM POLE.

(5) WITH 35' WOOD POLE,

(6) WITH 40' WOOD POLE. (7) WITH 12' 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.

PROPOSED ANNUALIZED

DATA: \_\_X\_\_BASE PERIOD \_\_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_\_UPDATED \_\_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected

SCHEDULE M-2.3 PAGE 14 OF 20 WITNESS:

B. L. SAILERS

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES(1A) (E)	PROPOSEO 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)
			<u>.</u>	(KWH)	(S/UNIT)	(5)	(%)	(3)	(3)
4Z	SL STREET	LIGHTING CO OWNED &	MAINTAINED (CONT'O.)		• •				
43	OVERHEAD DISTRI	BUTION (CONT'D.):							
44	DECORATIVE SOD.	UM VAPOR:							
45	9,500 LUMEN RE	CTILINEAR	0	0	10.94	0	0.0	0	
46	22,000 LUMEN RE	ECTILINEAR	12	1,023	13,53	162	0.0	1	18
47	50,000 LUMEN RE	CTILINEAR	132	21,549	17,90	2,363	0.2	22	2,38
48	50,000 LUMEN RE		180	29,385	22,82	4,108	0.3	30	4,13
49	50,000 LUMEN RE		0	0	23.80	0	0.0	0	
50	50,000 LUMEN SE		216	35,262	26.62	5,750	0.4	36	5,78
51	50,000 LUMEN SE	TBACK (6)	36	5,877	32.52	1,171	0.1	6	1,17
52	TOTAL OVERHEAD	,	120,332	9,595,373		1,178,648	78.8	9,864	1,186,5
53 54	UNDERGROUND D. MERCURY VAPOR:								
55	7,000 LUMEN		60	4,370	8,10	466	0.0	4	4
56	7,000 LUMEN (0	PEN)	0	0	6,65	0	0.0	0	
57	7,000 LUMEN (4	1	600	43,700	12,96	7,776	0.5	45	7,8
58	7,000 LUMEN (5)	1	12	874	13,02	156	0.0	1	1
59	7,000 LUMEN (8)	1	360	26,220	15,85	5,710	0.4	27	5,7
60	10,000 LUMEN		0	0	9,35	0	0.0	0	
61	10,000 LUMEN (4)		84	8,505	14.21	1,194	0.1	9	1,2
62	10,000 LUMEN (8)		156	15,795	17.11	2,689	0.2	16	2,6
63	21,000 LUMEN		96	15,312	12.59	1,209	0.1	16	1,2
64	21,000 LUMEN (8)		132	21,054	20.35	2,686	0.2	22	2,7
65	METAL HALIDE:							_	
66	14,000 LUMEN		0	D	8.10	0	0.0	0	
67	20,500 LUMEN		0	0	9,35	0	0.0	0	
68	36,000 LUMEN		0	0	12,59	0	0.0	0	
69	SODIUM VAPOR:			o	8.81	0	0.0	0	
70	9,500 LUMEN		0 24	974	14,71	353	0.0	1	3
71 72	9,500 LUMEN (6		588	23,863	16.57	9,743	0.0	25	9.7
73	9,500 LUMEN (8		24	974	13.73	330	0.0	1	3:
74	9,500 LUMEN (1- 9,500 LUMEN (1-		12	487	18.43	221	0.0	1	2
75	9,500 LUMEN (0		0	40,	6,70	221	0.0	ò	-
75	16,000 LUMEN (0	PEN)	a	ŏ	9.57	õ	0.0	ŏ	
77	16,000 LUMEN (6	,	25	1,481	15.47	387	0.0	2	3
78	22,000 LUMEN	,	228	18.01Z	12.45	2,839	0.2	19	2,6
79	22,000 LUMEN (5	1	60	4,740	17.37	1,042	01	5	1,0
80	22,000 LUMEN (8		528	41,712	20.21	10,671	0.7	43	10,7
81	22,000 LUMEN (8.		48	3,792	20.29	974	0.1	4	9
82	27,500 LUMEN		0	0	12,45	0	0.0	0	
83	27,500 LUMEN (9	1	252	19,908	27.95	7,046	0.5	20	7.0
84	50,000 LUMEN		336	54,852	16.73	5,621	0.4	56	5,6
85	50,000 LUMEN (8	)	72	11,754	24.49	1,763	0.1	12	1,7
86	50,000 LUMEN (9	)	132	21,549	32.24	4,256	03	22	4,2
87	DECORATIVE MER								
88	7,000 LUMEN TO	WN & COUNTRY	0	a	8.37	0	0.0	0	
89	7,000 LUMEN TOY	VN & COUNTRY (3)	216	15,354	13.29	2,871	0.2	16	2,8
90		VN & COUNTRY (10)	5,888	418,539	13.29	78,252	5,1	430	78,6
91	7,000 LUMEN HOL		24	1,748	10.52	252	0.0	2	2
92	7,000 LUMEN HOI		1,909	139,039	15.44	29.475	2.0	143	29,6
93	7 000 LUMEN GAS		96	6,992	37.43	3,593	0.2	7	3,6
94	7,000 LUMEN GR/		0	D	8.46	0	00	0	
95	7,000 LUMEN GR/		0	0	21.85	0	00	2	3
96	7,000 LUMEN ASP	EN	24	1,748	15,23	366	0.0	4	3

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED. (1A) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF 30.023837 PER KWH. (?) REFLECTS FUEL COMPONENT OF 30.001028 PER KWH. (?) WHIT Y WOOD LAMINATED POLE. (4) WHIT 30' WOOD POLE.

(5) WITH 35' WDOO POLE. (6) WITH 48' WDOO POLE. (T) WITH 12' ALUM POLE. (B) 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,

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

PROPOSED ANNUALIZED

SCHEDULE M-2,3 PAGE 15 OF 20 WITNESS;

B. L. SAILERS

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)	(\$)	(%)	(3)	(\$)
		ET LIGHTING CO OWNED & I	MAINTAINED (CONT'D.)					.,	••
98		DISTRIBUTION (CONT'D.):							
99	DECORATIVE MI								
100	14,000 LUMEN T		0	0	8.37	0	0.0	0	
101		RADITIONAIRE (7)	60	4,265	21.76	1,306	0.1	4	1,31
102		RADITIONAIRE (10)	468	33,267	13.29	6,220	0.4	34	6,25
103	14,000 LUMEN G		0	0	15.23	0	0.0	0	
104	14,000 LUMEN @		0	0	29,63	0	0.0	0	
105	14,000 LUMEN @		0	0	24.13	0	0.0	0	
106	14,500 LUMEN @		0	0	24.13	0	0.0	0	
107		SAS REPLICA (7)	240	17,480	37.52	9,005	0.6	18	9,02
108	14,500 LUMEN G	SAS REPLICA (10)	60	4,370	29.05	1,743	0.1	4	1,74
109	DECORATIVE SC								
110		OWN & COUNTRY	98	3,977	12.23	1,199	0.1	4	1,20
111		OWN & COUNTRY (10)	1896	76,946	17.15	32,516	2.2	79	32,59
112	9,500 LUMEN H		576	25,536	13.25	7,632	0.5	26	7,65
113		OLOPHANE (10)	312	13,832	18.17	5,669	0.4	14	5,68
114	9,500 LUMEN G		132	5,852	38.30	5,056	0.3	6	5,06
115		AS REPLICA (10)	12	532	29,83	358	0.0	1	35
116		AS REPLICA (11)	312	13,832	39,31	12,265	0.8	14	12,27
117	9,500 LUMEN A		888	39,368	15.43	13,702	0,9	40	13,74
118	9,500 LUMEN TI		0	0	12.23	0	0.0	0	
119		RADITIONAIRE (10)	696	28,246	17.15	11,936	0.8	29	11,96
120	9,500 LUMEN G		0	0	15,43	0	0.0	0	
121	9,500 LUMEN G		0	0	28.82	0	0.0	0	
122	9,500 LUMEN G		0	0	20,35	0	0.0	0	
123	9,500 LUMEN G		0	0	29.83	0	0.0	0	
124	22,000 LUMEN		0	0	13.59	0	0.0	0	
125		RECTILINEAR (12)	169	14,407	22.97	3,882	0.3	15	3,89
126	50,000 LUMEN F		0	0	17,97	0	0.0	0	
127		RECTILINEAR (12)	36	5,877	27.35	985	0.1	6	99
128		RECTILINEAR (13)	204 0	33,303	27,59	5,628	0.4	34	5,66
129 130	50,000 LUMEN S TOTAL UNDERG		18,145	0	26,62	301,043	0.0	0	302,32
		LUDED IN RATES ABOVE (S PE		1,244,430		307,043	20.1	1,213	302,32
132		NTAL SURCHARGE MECHANIS	•		0.000000	0	0.0		
133	DISTRIBUTIO	ON CAPITAL INVESTMENT RIDE	ER (DCI)		0.000000	0	0.0		
134	FERC TRANS	SMISSION COST RECOVERY RI	DER (FTR)		0.000000	0	0.0		
135		RING MECHANISM (PSM)			(0.000456)	(4,943)	(0.3)		(4,94
136	TOTAL RIDERS	NOT INCLUDED IN RATES ABO	OVE .			(4.943)	(0.3)		(4,94
137	ADD'L FACILITIE	S CHARGE							
138	OVERHEAD	o onveroe.	5,647		0.58	3,275	0.2		3,27
139	UNDERGROUN	un.	20,991		0,84	17,632	1.2		17,63
	TDTAL ADD'L FA		25,638		0.01	20,907	1.4	0	20,90
		INCLUDING RIDERS	138,477	10,839,811		1,495,655	100.0	11,143	1,506,79
1) THE	ESE FIGURES REPI	RESENT NUMBER OF UNITS BILL	ED.		(5) WITH 35' W	000 POLE.		(9) WITH 30' ALUM PC	I.E.
2) REA 3) W11	) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH. REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH. MTH 17: WOOD LAMINATED POLE. MTH 19: WOOD POLE.					(6) WITH 40" WOOD POLE. (10) WITH 17 FIBERGLASS PC (7) WITH 12" ALUM POLE. (11) WITH 12" FIBERGLASS PC (8) WITH 28" ALUM POLE. (12) WITH 26" KIERGLASS PC			

PROPOSED ANNUALIZED

DATA: \_\_X\_\_BASE PERIOD \_\_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_\_UPDATED \_\_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected SCHEDULE M-2.3 PAGE 16 OF 20 WITNESS: B. L. SAILERS

	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) <i>(H)</i>	PROPOSED TOTAL REVENUE (F + H) (I)
1 2	TL 1	RAFFIC LIGHTING SERVICE		(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
-		RE COMPANY S ENERGY ONLY {3}:							
5	ALL CO	NSUMPTION	76,019	680,382	0.042590	28,977	36.9	700	29,677
7 8 9	SUPPLIE SEPARA	RE COMPANY S ENERGY FROM A TELY METERED SOURCE DVIDES LIMITED IANCE:							
11	ALL CO	NSUMPTION	0	0	0.023583	0	0.0	0	C
13 14	SUPPLIE	RE COMPANY S ENERGY AND ES LIMITED IANCE (3):							
16	ALL CO	NSUMPTION	18,876	758,083	0.066174	50,165	6 <b>3</b> .9	779	50,944
17	TOTAL	RATE TL EXCLUDING RIDERS	94,895	1,438,465		79,142	100.8	1,479	80,621
18	RIDERS	NOT INCLUDED IN RATES ABOVE:							
19	ENVIF	ONMENTAL SURCHARGE MECHANISM RID	ER (ESM)		0.000000	0	0.0		0
20	DISTR	BUTION CAPITAL INVESTMENT RIDER (DC	:1)		0.000000	0	0.0		0
21 22		TRANSMISSION COST RECOVERY RIDER (I IT SHARING MECHANISM (PSM)	FTR)		0.000000 (0.000456)	0 (656)	0.0 (0.8)		0 (656
23	TOTAL	RIDERS NOT INCLUDED IN RATES ABOVE	<b>_</b>			(656)	(0.8)		(656)
24	τοται	. RATE TL INCLUDING RIDERS	94,895	1,438,465		78,486	100.0	1,479	79,965

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

19 DEEL COTO ELEL COST DECOLICOVINOL HORO IN DADE DATES OF 40 000003 DES VIVI

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

#### PROPOSED ANNUALIZED

						PROPOSED	% OF REV TO		PROPOSED
						REVENUE LESS	TOTAL LESS		TOTAL
LINE	RATE	CLASS /	CUSTOMER		PROPOSED	FUEL COST	FUEL COST	FUEL COST	REVENUE
NO.	CODE	DESCRIPTION	BILLS(1)	SALES	RATES(3)	REVENUE	REVENUE	REVENUE (2)	(F + H)
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)

1 UOLS UNMETERED OUTDOOR LIGHTING SERV

2 BASE RATE	85,492	5,454,321	0.041936	228,732	101.1	5,607	234,339
3 RIDERS NOT INCLUDED IN RATES ABOVE:							
4 ENVIRONMENTAL SURCHARGE MECHANISM RIDE	R (ESM)		0.000000	0	0.0		0
5 DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0		0
6 FERC TRANSMISSION COST RECOVERY RIDER (FT	R)		0.000000	0	0.0		0
7 PROFIT SHARING MECHANISM (PSM)			(0.000456)	(2,487)	(1.1)		(2 <u>,</u> 487)
8 TOTAL RIDERS NOT INCLUDED IN RATES ABOVE				(2,487)	(1.1)		(2,487)
9 TOTAL RATE UOLS INCLUDING RIDERS	85,492	5,454,321		226,245	101.1	5,607	231,852

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

SCHEDULE M-2.3 PAGE 17 OF 20 WITNESS: B. L. SAILERS

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

#### PROPOSED ANNUALIZED

PROPOSED % OF REV TO PROPOSED REVENUE LESS TOTAL LESS TOTAL LINE RATE CLASS / CUSTOMER PROPOSED FUEL COST FUEL COST FUEL COST REVENUE NO. CODE DESCRIPTION BILLS(1) SALES RATES(3) REVENUE REVENUE **REVENUE (2)** (F + H)(A) (B) (C) (D) (E) (F) (G) (H) (1) (KWH) (\$/UNIT) (\$) (%) (\$) (\$) 1 NSU NON STANDARD STREET LIGHT UNITS 2 (A) COMPANY OWNED 3 (1) BOULEVARD INCANDESCENT(UG): 2,500 LUMEN SERIES 10.32 4 0 0 0 0.0 0 0 2,500 LUMEN MULTIPLE 144 9,432 8.01 1,153 1.7 10 5 1.163 6 (2) HOLOPHANE DECORATIVE: 10,000 LUMEN MV W 7 **17' FIBERGLASS POLE** 372 37,665 18.79 10.1 39 6,990 7,029 8 9 (3) STREET LGT UNITS (OH) 24,366 2,500 LUMEN INDANDESCENT 372 7.94 2,954 4.3 25 2,979 10 2,500 LUMEN MERCURY VAPOR 7,008 264,552 7.52 52,700 76.4 272 52,972 11 21,000 LUMEN MERCURY VAPOR 408 65,076 11.93 4,867 7.1 66 4,933 12 13 TOTAL COMPANY OWNED 8,304 401,091 68,664 99.6 412 69,076 14 (B) CUSTOMER OWNED WITH LTD MAINT 15 (1) BOULEVARD INCANDESCENT(UG): 6.09 16 2,500 LUMEN SERIES 0 0 0 0.0 0 0 17 2,500 LUMEN MULTIPLE 60 3,930 7.74 464 0.7 4 468 **18 TOTAL CUSTOMER OWNED** 60 3,930 0.7 468 464 4 TOTAL RATE NSU EXCLUDING RIDERS 8,364 69,128 100.3 416 19 405,021 69,544 20 RIDERS NOT INCLUDED IN RATES ABOVE (\$/KWH): 0.0 21 ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM) 0.000000 0 0 0.0 0 22 DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI) 0.000000 0 0.000000 23 FERC TRANSMISSION COST RECOVERY RIDER (FTR) 0.0 0 0 24 PROFIT SHARING MECHANISM (PSM) (0.000456)(185)(0.3)(185)TOTAL RIDERS NOT INCLUDED IN RATES ABOVE (0.3)25 (185)(185)405,021 100.0 26 TOTAL RATE NSU INCLUDING RIDERS 8,364 68,943 416 69,359

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(2) DEELECTS ENEL COST DECOVEDV MOLUDED IN DASE DATED OF \$4 445467, DED 1999

SCHEDULE M-2.3 PAGE 18 OF 20 WITNESS: B. L. SAILERS

PROPOSED ANNUALIZED

DATA: \_X\_ BASE PERIOD \_\_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected

SCHEDULE M-2.3 PAGE 19 OF 20 WITNESS: B. L. SAILERS

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.INE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES	PROPOSED RATES(3) (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(S/UNIT)/	(5)	(34)	(\$)	(5)
		T LIGHTING -			(S/KWH)				
2	CUST OWNED/								
3		NIT-COBRAHEAD							
4	MERCURY V	APOR							
5	7,000 LUMEN		0	0	4.69	0	0.0	0	
6	10,000 LUMEN		0	0	5.96	0	0.0	0	
7	21,000 LUMEN	4	0	0	8,28	0	0.0	0	
8	METAL HALID	E							
9	14,000 LUMEN	4	0	Û	4.69	0	0.0	0	
10	20,500 LUMEN	4	0	0	5.96	0	0.0	0	
11	36,000 LUMEN	1	0	0	8.28	Ō	0.0	Û	
12	SODIUM VAPO	)R							
13	9,500 LUMEN		0	0	5.64	0	0.0	0	
14	16,000 LUMEN		Ō	0	6.29	ŏ	0.0	ő	
15	22,000 LUMEN		ō	0 0	6,90	ő	0.0	0 0	
16	27,500 LUMEN	1	Ō	ō	6,90	ō	0.0	ō	
17	50,000 LUMEN		0	0	9.35	0	0.0	ŏ	
18	DECORATIVE U	NITS:							
19		MERCURY VAPOR-							
20	HOLOPHANE		0	0	5.95	0	0.0	0	
21	TOWN & COL		õ	ů 0	5.90	ő	0.0	0	
22	GAS REPLICA		ō	0	5.95	ő	0.0	0	
23	ASPEN	•	ő	õ	5.95	ő	0.0	ő	
24	14.000 LUMEN	METAL HALIDE-							
25	TRADITIONAL		a	0	5.90	0	0.0	0	
26	GRANVILLE A		ů.	ō	5.95	0	0.0	ő	
27	GAS REPLICA		0	Ō	5.95	Û	0.0	0	
28	9.500 LUMEN S	SODIUM VAPOR							
29	TOWN & COU		0	0	5.55	0	0.0	0	
30	TRADITIONAL		0	ů.	5.55	ő	0.0	ů	
31	GRANVILLE A		ů	õ	5,80	ő	0.0	0	
32	RECTILINEAR		0	ő	5.55	õ	0.0	ő	
33	ASPEN	•	o o	ů 0	5.80	ő	0.0	0	
34	HOLOPHANE		0	ů	5.80	0	0.0	0	
35	GAS REPLICA		0	0	5.80	0	0.0	0	
36	SODIUM VAPOR	?							
37		N (RECTILINEAR)	0	0	7.32	0	0.0	0	
38		N (RECTILINEAR)	ō	0	9.68	ő	0.0	ŏ	
39	CUST OWNED/	CUST MAINT							
	ENERGY ONLY		2,064	97,596	0.041935	4,093	101.1	100	4,1
41	TOTAL RATE S	SC EXCLUDING RIDERS	2,064	97,596		4,093	101,1	100	4,1
42	RIDERS NOT IN	CLUDED IN RATES ABOVE (\$	vKWH):						
43		ENTAL SURCHARGE MECHA			0.000000	0	0.0		
44		ON CAPITAL INVESTMENT R			0.000000	ō	0.0		
45		ISMISSION COST RECOVERY			0,000000	ō	0.0		
46		ARING MECHANISM (PSM)			(0.000456)	(45)	(1.1)		(
47		NOT INCLUDED IN RATES A	BOVE		,	(45)	(1.1)	······	
40	TOTAL RATE SC	C INCLUDING RIDERS	2,064	97,596		4,048	100.0	100	4,1

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0,001028 PER KWH. (3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0,023837 PER KWH.

DATA: \_\_X\_\_ BASE PERIOD \_\_\_ FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_\_ UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 6 Months Actual and 6 Months Projected

SCHEDULE M-2.3 PAGE 20 OF 20 WITNESS: B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES(3) (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) (H)	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(\$)
1	SE STREE	T LIGHTING							
2	OVER	HEAD EQUIVALENT RATE							
3	MERCURY VAL	POR 7,000 LUMEN:							
4	TOWN & COL	INTRY	6,816	484,504	8.16	55,619	26.1	498	56,117
5	HOLOPHAN	Ε	2,328	169,556	8.19	19,066	9.0	174	19,240
6	GAS REPLIC	A	696	50,692	8.19	5,700	2.7	52	5,752
7	ASPEN		132	9,614	8.19	1,081	0.5	10	1,091
8	METAL HALIDI	E 14,000 LUMEN:							
9	TRADITIONA	IRE	3,144	223,486	8.16	25,655	12.1	230	25,885
10	GRANVILLE	ACORN	0	0	8.19	0	0.0	0	0
11	GAS REPLIC	A	588	42,826	8.19	4,816	2.3	44	4,860
12	SODIUM VAPO	R 9,500 LUMEN:							
13	TOWN & COL	INTRY	3,192	129,542	8.89	28,377	13.4	133	28,510
15	HOLOPHANI	E	2,364	104,804	9.01	21,300	10.0	108	21,408
16	RECTILINEA	R	972	39,447	8.89	8,641	4.1	41	8,682
17	GAS REPLIC	A	1,272	56,392	9.00	11,448	5,4	58	11,506
19	ASPEN		2,580	114,380	9.00	23,220	10,9	118	23,338
14	TRADITIONA	IRE	0	0	8.89	0	0.0	0	0
18	GRANVILLE	ACORN	156	6,916	9.00	1,404	0.7	7	1,411
20	SODIUM VAPO	R:							
21	22,000 LUME	N (RECTILINEAR)	480	40,920	12.78	6,134	2.9	42	6,176
22	50,000 LUMEI	N (RECTILINEAR)	24	3,918	16.91	406	0.2	4	410
23	50,000 LUME	N (SETBACK)	0	0	16.91	0	0.0	0	0
24	TOTAL RATE	SE EXCLUDING RIDERS	24,744	1,476,997		212,867	100.3	1,519	214,386
25	RIDERS NOT II	NCLUDED IN RATES ABOVE (\$/K	(WH):						•
26		ENTAL SURCHARGE MECHANIS			0.000000	0	0.0		0
27		ON CAPITAL INVESTMENT RIDE			0.000000	0	0.0		0
28		ISMISSION COST RECOVERY RI			0.000000	0	0.0		0
29	PROFIT SH	ARING MECHANISM (PSM)	•		(0.000456)	(674)	(0.3)		(674)
30	TOTAL RIDER	RS NOT INCLUDED IN RATES AB	OVE			(674)	(0.3)		(674)
31	TOTAI RATE	SE INCLUDING RIDERS	24,744	1,476,997		212,193	100.0	1,519	213,712
~ '					:				

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

## DUKE ENERGY KENTUCKY, INC. CASE NO. 2017-00321 REVENUES AT PRESENT AND PROPOSED RATES FOR THE TWELVE MONTHS ENDED March 31, 2019 (ELECTRIC SERVICE)

DATA: \_\_\_\_\_BASE PERIOD \_\_X\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_\_REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

SCHEDULE M PAGE 1 OF 1 WITNESS: B. L. SAILERS

LINE NO.	RATE CLASSIFICATION (A)	REVENUE AT PRESENT RATES (B)	REVENUE AT PROPOSED RATES (C)	REVENUE CHANGE (AMOUNT) <i>(D</i> =C-B)	% OF REVENUE CHANGE (E=D / B)
		(\$)	(3)	<u>(1)=0-1)</u> (\$)	
	RESIDENTIAL				
1	RESIDENTIAL SERVICE (RS)	131,689,037	154,544,306	22,855,269	<u>17.36%</u>
2	TOTAL RESIDENTIAL	131,689,037	154,544,306	22,855,269	<u>17.36%</u>
	DISTRIBUTION				
3	DISTRIBUTION SERVICE (DS)	92,330,927	105,529,716	13,198,789	14.30%
4	DT PRIMARY TIME OF DAY (DT-PRI)	31,781,792	35,822,785	4,040,993	12,71%
5	DT SECONDARY TIME OF DAY (DT-SEC)	47,238,249	53,713,265	6,475,016	13.71%
6	ELECTRIC SPACE HEATING (EH)	644,536	736,244	91,708	14.23%
7	SPORTS SERVICE (SP)	29,301	32,644	3,343	11.41%
8	SMALL FIXED LOADS (GSFL)	603,277	690,045	86,768	14.38%
9	PRIMARY VOLTAGE (DP)	954,503	1,122,170	167,667	17,57%
10	TOTAL DISTRIBUTION	173,582,585	197,646,869	24,064,284	13.86%
11	TRANSMISSION TIME OF DAY (TT)	12,738,415	14,154,834	1,416,419	<u>11.12%</u>
12	TOTAL TRANSMISSION	12,738,415	14,154,834	1,416,419	<u>11.12%</u>
		12,700,410	14,104,004		<u></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)	143,275	179,232	35,957	25.10%
15	DS-REAL TIME PRICING (DS-RTP)	26,237	28,858	2,621	9.99%
16	TT-REAL TIME PRICING (TT-RTP)	419,352	468,312	48,960	<u>11.68%</u>
17	TOTAL REAL TIME PRICING	588,864	676,402	87,538	<u>14.87%</u>
	LIGHTING				
18	STREET LIGHTING (SL)	1,346,951	1,506,798	159,847	11.87%
19	TRAFFIC LIGHTING (TL)	71,618	80,031	8,413	11.75%
20	UNMETERED OUTDOOR LIGHTING (UOLS)	205,052	229,058	24,006	11,71%
21					
22 23	NON STANDARD STREET LIGHTING (NSU)	62,007	69,359	7,352	11.86%
24	CUST OWNED STREET LIGHTING SERVICE (SC)	3,713	4,148	435	11,72%
25	OVERHEAD EQUIV STREET LIGHTING SERVICE (SE)	191,061	213,711	22,650	11.85%
26	TOTAL LIGHTING	1,880,402	2,103,105	222,703	11.84%
~-				0	
27 28		51,773	51,773	Ŭ	0.00% <u>0.00%</u>
		7,722	7,722		-
29	TOTAL RETAIL REVENUE	320,538,798	369,185,011	48,646,213	15,18%
	OTHER MISCELLANEOUS REVENUE				
30	PJM AND TRANSMISSION	2,837,250	2,837,250	0	0.00%
31	BAD CHECK CHARGES	24,156	24,156	0	0.00%
32	RECONNECTION CHARGES	198,096	198,096	0	0,00%
33	POLE AND LINE ATTACHMENTS	230,180	230,180	0	0.00%
34	RENTS	1,058,004	1,05 <b>8</b> ,004	0	0.00%
35	OTHER MISCELLANEOUS	189,760	189,760	0	<u>0.00%</u>
36	TOTAL MISCELLANEOUS REVENUE	4,537,446	4,537,446	0	<u>0.00%</u>
37	TOTAL REVENUE	325,076,244	373,722,457	48,646,213	<u>14.96%</u>

#### DUKE ENERGY KENTUCKY, INC. CASE NO. 2017-00321 TEST PERIOD REVENUES AT CURRENT RATES FOR THE TWELVE MONTHS ENDED March 31, 2019 (ELECTRIC SERVICE)

DATA: \_\_\_\_\_BASE PERIOD \_\_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_\_UPDATED \_\_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

SCHEDULE M-2.1 PAGE 1 OF 1 WITNESS: B. L. SAILERS

#### TEST PERIOD REVENUES AT CURRENT RATES

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION <i>(B)</i>	CUSTOMER BILLS				TO TOTAL		TEST PERIOD	
		_	BILLS		FUEL COST		EXCLUSIVE OF	FUEL COST	REVENUE	% OF REV
1 1	(A)	(B)		SALES	REVENUE	RATE	FUEL COST	REVENUE	TOTAL	TO TOTAL
1 0			(C)	(D)	(E)	(F=E/D)	(G)	(H)	(1)	(J)
4 0				(KWH)	(\$)	(¢/KWH)	(%)	(\$)	(\$)	(%)
	RS	RESIDENTIAL SERV	1,534,899	1,483,760,953	130,163,731	8.7726	40.57	1,525,306	131,689,037	40.51
	os	DISTRIBUTION SERV	158,808	1,126,916,760	91,172,457	8,0904	28.41	1,158,470	92,330,927	28.40
3 D	DT-PRI	TIME OF DAY	444	499,861,812	31,267,934	6.2553	9.74	513,858	31,781,792	9.78
4 D	DT-SEC	TIME OF DAY	1,793	692,941,090	46,525,906	6.7143	14.50	712,343	47,238,249	14.53
5 E	EH	ELEC SPACE HEATING	504	9,862,331	634,398	6.4325	0.20	10,138	644,536	0.20
6 S	SP	SPORTS SERV	180	269,414	29,024	10.7730	0.01	277	29,301	0.01
7 G	GSFL	SMALL FIXED LOADS	540	6,264,122	596,837	9.5279	0,19	6,440	603,277	0.19
8 D	OP .	PRIMARY VOLTAGE	120	13,092,910	941,043	7.1874	0.29	13,460	954,503	0.29
9 T	ГŤ	TIME OF DAY	156	216,753,136	12,515,593	5.7741	3.90	222,822	12,738,415	3.92
10 D	DT-RTP PRI	REAL TIME PRICING	0	0	0	-	-	0	0	-
11 D	DT-RTP SEC	REAL TIME PRICING	24	4,181,575	143,275	3.4263	0.04	0	143,275	0.04
12 D	DS-RTP	REAL TIME PRICING	36	304,820	26,237	8.6074	0.01	0	26,237	0.01
13 T	IT-RTP	REAL TIME PRICING	24	13,080,334	419,352	3.2060	0.13	0	419,352	0,13
14 S	SL	STREET LIGHTING	138,477	10,839,811	1,335,809	12.3232	0.42	11,142	1,346,951	0.41
15 T	ſL	TRAFFIC LIGHTING	94,968	1,439,796	70,138	4.8714	0.02	1,480	71,618	0.02
16 U 17	JOLS	UNMTRD OUTDR LIGHT	91,004	5,388,585	199,513	3.7025	0.06	5,539	205,052	0.06
	NSU	NON STD STREET LIGHT	8,364	405,021	61,591	15.2069	0.02	416	62,007	0.02
19										
20 S	SC	CUST OWNED STREET LIGHTING	2,064	97,596	3,613	3.7020	-	100	3,713	-
21 S	SE .	OVR HD EQUIV STREET LIGHTING	24,744	1,476,997	189,543	12.8330	0.06	1,518	191,061	0.06
22 IC	D01	INTERDEPARTMENTAL	12	715,514	51,037	7.1329	0.02	736	51,773	0.02
23 1	S	PJM AND TRANSMISSION	0	0	2,837,250	-	0.88	0	2,837,250	0.87
24		BAD CHECK CHARGES	0	0	24,156	-	0.01	0	24,156	0.01
25		RECONNECTION CHGS	0	0	198,096	-	0.06	0	198,096	0.06
26		POLE AND LINE ATTACHMENTS	0	0	230,180	-	0.07	0	230,180	0.07
27		RENTS	0	0	1,058,004	-	0.33	0	1,058,004	0.33
28 V	NS	SPECIAL CONTRACTS	132	138,888	7,579	5.4569	-	143	7,722	-
29		OTHER MISC	0	0	189,760		0.06	0	189,760	0.06
30	TOTAL	-	2,057,293	4,087,791,465	320,892,056	7.8500	100.00	4,184,188	325,076,244	100.00

NOTE: DETAIL CONTAINED ON SCHEDULES M-2.2 AND M-2.3.

DATA: \_\_\_\_BASE PERIOD \_\_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(5): 12 Months Projected with Riders 12 Months Projected with Riders

SCHEDULE M-2.2 PAGE 1 OF 20 WITNESS: B. L. SAILERS

#### CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER Bills (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	INCR LESS	% 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) (0)
				(KWH)	(¢/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	RS	<u>RESIDENTIAL</u> RESIDENTIAL SERV	1,534,899	1,483,760,953	8.7726	130,163,731	100.00	22,855,269	17.6	1,525,306	131,689,037	17.4
2		ESIDENTIAL	1,534,899	1,483,760,953	8,7726	130,163,731	40.56	22,855,269	- 17.6	1,525,306	131,689,037	- 17.4
		-										-
3		DISTRIBUTION	450.000	4 400 040 700			<b>50 - 7</b>					
•	DS DT DDI	DISTRIBUTION SERV	156,808	1,126,916,760	8.0904	91,172,457	53.27	13,198,789	14.5	1,158,470	92,330,927	14.3
4 5	DT-PRI DT-SEC		444 1.793	499,861,812	6.2553	31,267,934	16.27	4,040,993	12.9	513,858	31,781,792	12.7
5	EH		1,793	692,941,090 9,862,331	6.7143 6.4325	46,525,906	27.18 0.37	6,475,016	13.9	712,343	47,238,249	13.7
7	SP	ÉLÉC SPACE HEATING SPORTS SERV	180	269,414	6.4325 10.7730	634,398 29.024	0.02	91,708	14,5 11,5	10,138	644,536	14.2
á	GSFL	SMALL FIXED LOADS	540	6,264,122	9.5279	596,837	0.02	3,343 86,768	14,5	277 6,440	29,301 603,277	11.4 14.4
9	DP	PRIMARY VOLTAGE	120	13,092,910	9.5279 7.1874	941,043	0.55	167,667	14.5	6,440 13,460	954,503	14.4
10		STRIBUTION	162,389	2.349.208.439	7.2862	171,167,599	53.35	24,064,284	14.1	2,414,986	173,582,585	- 13.9
10	TOTAL DI		102,303	2,343,200,433	. 7.2002			24,004,204		2,414,900	175,502,585	- 15,9
		TRANSMISSION										
11	Π	TIME OF DAY	156	216,753,136	5.7741	12,515,593	100.00	1,416,419	11.3	222,822	12,738,415	11.1
12	TOTAL TH	RANSMISSION	156	216,753,136	5.7741	12,515,593	3.90	1,416,419	11.3	222,822	12,738,415	11.1
		REAL TIME PRICING										
13		I REAL TIME PRICING	0	0		0	0.00	0	0.0	0	0	0.0
14		C REAL TIME PRICING	24	4,181,575	3,4263	143,275	24.33	35,957	25.1	ő	143,275	25.1
15	DS-RTP	REAL TIME PRICING	36	304,820	8.6074	26,237	4.46	2,621	10.0	ŏ	26,237	10.0
16	TT-RTP	REAL TIME PRICING	24	13,080,334	3.2060	419,352	71.21	48,960	11,7	ő	419,352	11.7
17		EAL TIME PRICING	84	17,566,729	3.3522	568,864	0.16	87,538	14.9		586,664	. 14.9
		-						· · · ·				-
		LIGHTING										
18	SI.	STREET LIGHTING	138,477	10,839,811	12.3232	1,335,809	71.81	159,846	12.0	11,142	1,346,951	11.9
19	TL	TRAFFIC LIGHTING	94,968	1,439,796	4.8714	70,138	3.77	8,413	12.0	1,480	71,618	11.7
20 21	UOLS	UNMTRD OUTDR LIGHT	91,004	5,368,585	3.7025	199,513	10,73	24,006	12.0	5,539	205,052	11.7
22	NSU	NON STD STREET LIGHT	6,364	405,021	15.2069	61,591	3.31	7,352	11.9	416	62,007	11.9
23												
24	SC	CUST OWNED STREET LIGHTING	2,064	97,596	3.7020	3,613	0.19	435	12.0	100	3,713	11.7
25	SE	OVR HD EQUIV STREET LIGHTIN	24,744	1,476,997	12.6330	189,543	10.19	22,650	11.9	1,518	191,051	. 11.9
26	TOTAL LI	GHTING _	359,621	19,647,806	9.4678	1,860,207	0.58	222,702	. 12.0 _	20,195	1,880,402	11,8
		OTHER MISC REVENUE										
27	ID01	INTERDEPARTMENTAL	12	715,514	7.1329	51,037	1.11	0	0.0	736	51,773	0.0
28		PJM AND TRANSMISSION		110,014	-	2,837,250	61.73	õ	0,0	0	2,837,250	0.0
20		BAD CHECK CHARGES	ŏ	ŏ	-	24,156	0.53	ů 0	0,0	ő	24,156	0.0
30		RECONNECTION CHGS	ŏ	ő	-	198.096	4.31	0	0.0	ů 0	198.096	0.0
31		POLE AND LINE ATTACHMENTS	ő	ő	-	230,180	5.01	ő	0.0	õ	230,180	0.0
32		RENTS	õ	õ		1,058,004	23.02	Ď	0.0	ő	1,058,004	0.0
33	ws	SPECIAL CONTRACTS	132	136,668	0.055596	7,579	0,16	õ	0.0	143	7,722	0.0
34		OTHER MISC	0	.00,000	-	189,760	4,13	0	0.0	0	189,760	0.0
35	TOTAL M		144	854,402		4,596,062	1.43	0	0.0	879	4,596,941	. 0,0
						······	. <u></u>					
36	TOTAL	=	2,057,293	4,087,791,465	7.8500	320,892,056	100,00	48,646,212	15.2	4,184,188	325,076,244	15.0

NOTE: DETAIL CONTAINED ON SCHEDULES M-2.2 PAGES 2 THROUGH 23.

DATA: \_\_\_\_BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

SCHEDULE M-2.2 PAGE 2 OF 20 WITNESS: B. L. SAILERS

#### CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) <i>(C)</i>	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 I (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (2) <i>(H)</i>	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
1	RS RESIDE	ENTIAL		(KWH)	(S/KWH)	(\$)	(%)	(\$)	(%)	(5)	(\$)	(%)
2 3	CUSTOMER CH BILLS	IARGE:	1,534,899		\$4.50	6,907,046	5.3	10,314,521	149.3		6,907,046	149.3
4 5	ENERGY CHAR ALL KWH	RGE (3):		1,483,760,953	0.075456	111,958,666	86.0	12,540,748	11.2		111,958,666	_ 11.2
6	TOTAL RATE	RS EXCLUDING RIDERS	1,534,899	1,483,760,953		118,865,712	91.3	22,855,269	19.2		118,865,712	19.2
7 8		RGY ASSISTANCE (HEA)			\$0.10	153,490	0.1	0	0.0		153,490	
9		DE MANAGEMENT RIDER (DSM ENTAL SURCHARGE MECHANIS	1		0.007967 0.000000	11,821,124	9.1 0.0	0	0.0 0.0		11,821,124	0.0 0.0
10 11		ON CAPITAL INVESTMENT RID			0.000000	0	0.0	0	0.0		0	0.0
12		STMENT CLAUSE (FAC)			0.001028	-	0.0	•	0,0	1,525,306	1,525,306	
13		SMISSION COST RECOVERY F	RECONCILIATION (FTR	)	0.000000	0	0,0	0	0.0		0	0.0
14	PROFIT SHA	RING MECHANISM (PSM)			(0.000456)	(676,595)	(0.5)	0	0,0		(676,595)	) 0.0
15	TOTAL RIDER	Ś		· · · · · ·		11,298,019	8.7	0	0.0	1,525,306	12,823,325	0.0
16	TOTAL RATE	RS INCLUDING RIDERS	1,534,899	1.483.760.953		130,163,731	100.0	22,855,269	17.6	1,525,306	131,689,037	17.4

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.
 (2) REFLECTS FUEL ADJUSTMENT CLAUSE (FAC) OF \$0.001028 PER KWH.
 (3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

SCHEDULE M-2.2

PAGE 3 OF 20

B. L. SAILERS

WITNESS:

DATA: \_\_\_\_\_BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_\_REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

#### CURRENT ANNUALIZED

LINE F NO. C		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) <i>(H)</i>	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
 1 / 2	DS SERVICE AT DISTRIBUTION VOLTAGE		(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(%)	(5)	(\$)	(%)
3	CUSTOMER CHARGE:										
4	LOAD MANAGEMENT RIDER - NON-INTERV	/AL 1,817		\$5.00	9,085	0.0	0	0.0		9,085	0.0
5	LOAD MANAGEMENT RIDER - INTERVAL	12		\$100.00	1,200	0.0	(1,140)	(95.0)		1,200	(95.0)
6	SINGLE PHASE	85,484		\$7.50	641,130	0,7	824,066	128.5		641,130	128.5
7	THREE PHASE	73,324		\$15.00	1,099,860	1.2	1,413,687	128,5		1,099,860	. 128.5
8	TOTAL CUSTOMER CHARGE	158,808			1,751,275	1.9	2,236,613	127.7		1,751,275	. 127.7
9 /	DEMAND CHARGE:										
10	FIRST 15 KW		1,407,151	\$0.00	0	0.0	0	0.0		0	0.0
11	ADDITIONAL KW	_	2,525,026	\$7.75	19,568,952	21.5	2,474,525			19,568,952	12.6
12	TOTAL DEMAND	-	3,932,177		19,568,952	21.5	2,474,525	12.6		19,568,952	12.6
13	ENERGY CHARGE (3):										
14	FIRST 6000 KWH		370,329,117	0.081645	30,235,521	33.2	3,804,020	12.6		30,235,521	12,6
15	NEXT 300KWH/KW		633,333,732	0.050119	31,742,053	34.8	3,993,803	12.6		31,742,053	12,6
16	ADDITIONAL KWH		120,829,252	0.041043	4,959,195	5.4	623,600	12.6		4,959,195	12.6
17	NON-CHURCH "CAP" RATE		1,797,592	0.241184	433,550	0.5	54,547	12.6		433,550	12.6
18	CHURCH CAP RATE	-	627,067	0.148065	92,847	0.1	11,681	12.6		92,847	12.6
19	TOTAL ENERGY	_	1,126,916,760		67,463,166	74.0	8,487,651	12.6		67,463,166	12.6
20	TOTAL RATE DS EXCLUDING RIDERS	158,808	1,126,916,760		88,783,393	97.4	13,198,789	14.9		88,783,393	. 14.9
21	RIDERS:										
22	DEMAND SIDE MANAGEMENT RIDER (DS	SMR)		0.002576	2,902,938	3.2	0	0.0		2,902,938	0.0
23	ENVIRONMENTAL SURCHARGE MECHAN	NISM RIDER (ESM)		0.000000	0	0.0	0	0.0		0	0.0
24	DISTRIBUTION CAPITAL INVESTMENT RI	IDER (DCI)		0.00	0	0.0	0	0.0		0	0.0
25	FUEL ADJUSTMENT CLAUSE (FAC)			0.001028	_		_		1,158,470	1,158,470	0.0
26	FERC TRANSMISSION COST RECOVERY	RECONCILIATION (F	TR)	0.000000	0	0.0	0	0.0		0 (E13.974)	0,0
27 28	PROFIT SHARING MECHANISM (PSM) TOTAL RIDERS			(0.000456)	(513,874) 2,389,064	(0.6)	0	0.0	1,158,470	(513,874) 3,547,534	0.0
28	I UTAL RIDERS				2,005,004	2.0			1,100,410	0,047,004	0.0
29	TOTAL RATE DS INCLUDING RIDERS	158,808	1,126,916,760		91,172,457	100.0	13,198,789	14.5	1,158,470	92,330,927	14,3

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL ADJUSTMENT CLAUSE OF \$0.001028 PER KWH.

19 BEELEATE FILEL OART DECOVERY MOLUDER MIDARE DATES OF MARADE DES WITT

DATA: \_\_\_\_BASE PERIOD \_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_\_REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

SCHEDULE M-2.2 PAGE 4 OF 20 WITNESS: B. L. SAILERS

#### CURRENT ANNUALIZED

LINE NO.	RATE CODE <i>(A)</i>	CLASS / DESCRIPTION <i>(B)</i>	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) <i>(H)</i>	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
2	DT-PRI TIM SUMMER: CUSTOMER CI	E OF DAY PRIMARY		(KW/KWH)	(\$/KWH)/ (\$/KW)	(5)	(%)	(\$)	(%)	(\$)	(\$)	(%)
4	PRIMARY VOI		14B		\$100.00	14,800	0.0	54,020	365.0		14,800	365.0
5	TOTAL CUSTO	MER CHARGE	148			14,800	0.0	54,020	365.0		14,800	365.0
6	DEMAND CHAI	RGE:			640 <b>7</b> 5			640.450				
7 8	ON PEAK KW OFF PEAK KV	v		329,055 16,487	\$12.75 \$1.15	4,195,451 18,960	13.4 0,1	539,650 2,473	12.9 13.0		4,195,451 18,960	0.0 13.0
9	SUB-TOTAL	-	-	345,542	••	4,214,411	13.5	542,123	12.9		4,214,411	. 13.0
10	PRIMARY SER		-									
11	FIRST 1000			131,070	(\$0,65)	(85, 196)	(0.3)	(10,485)	12.3		(85,196)	12.3
12	ADDITIONA		-	214,474	(\$0.50)		(0,3)	(12,868)	12.0		(107,237)	12.0
	ENERGY CHAP		-	345,544		4,021,978	12.9	518,770	12,9		4,021,978	. 12.9
15	ON PEAK KW			50,128,540	0.044195	2,215,431	7.1	284,730	12.9		2,215,431	12.9
16	OFF PEAK KV	AH	<u> </u>	126,703,003	0.036195	4,586,015	14.7	589,042	12.8		4,586,015	12.8
17	TOTAL SUMME	ER	148	176,831,543		10,838,224	34,7	1,446,562	13.3		10,838,224	13,3
19 20 21	WINTER: CUSTOMER CH PRIMARY VOI TOTAL CUSTO DEMAND CHAI	-TAGE Mer Charge	296 296		\$100.00	29,600 29,600	<u> </u>	<u> </u>	<u> </u>		29,600 29,600	365.0 365.0
23	ON PEAK KW			616,258	\$12.07	7,438,234	23.7	955,200	12.8		7,438,234	0.0
24	OFF PEAK KV	v	-	41,942	\$1.15	48,233	0.2	6,292	13.0		48,233	13.0
	SUB-TOTAL PRIMARY SER FIRST 1000		-	658,200 272,457	(\$0.65)	7,486,467	23,9	961,492	<u> </u>		7,486,467	. 12.8 12.3
28	ADDITIONA			385,743	(\$0.50)	(192,872)	(0.6)		12.0		(192,872)	12,5
	TOTAL DEMAN		-	658,200	(00.00)	7,116,498	22.8	916,551	12.9		7,116,498	. 12.9
	ENERGY CHAR		-	000,211								
31	ON PEAK KW			88,637,348	0.042195	3,740,053	12.0	480,148	12.8		3,740,053	12.8
32	OFF PEAK KV			234,392,921	0.036195	B,483,852	27.0	1,089,692	12.8		8,483,852	12.8
	TOTAL WINTE		296	323,030,269		19,370,003	61.9	2,594,431	13.4		19,370,003	13.4
34	TOTAL RATE	DT PRIMARY EXCLUDING RIDERS	444	499,861,812		30,208,227	96.6	4,040,993	13.4	0	30,208,227	. 13.4
36 37 38 39	ENVIRONM DISTRIBUTI FUEL ADJU	IDE MANAGEMENT RIDER (DSMR) ENTAL SURCHARGE MECHANISM RI ION CAPITAL INVESTMENT RIDER (D ISTMENT CLAUSE (FAC)	)CI)		0.002576 0.00 0.00 0.001028	1,287,644 0 0	4.1 0.0 0.0	0 0 0	0.0 0.0 0.0	513,858	1,287,644 0 0 513,858	0.0 0.0 0.0
40 41		ISMISSION COST RECOVERY RECO ARING MECHANISM (PSM)	NCILIATION (FT)	*)	0.000000 (0.000456)	0 (227,937)	0.0 (0,7)	0	0.0 0.0		0 (227,937)	0.0 0.0
41	TOTAL RIDER				(0.000430)	1.059,707	3.4	0	0.0	513,858	1,573,565	0.0
		o DT PRIMARY INCLUDING RIDERS	444	499,861,812		31,267,934	100.0	4,040,993	12.9	513,858	31,781,792	12.7

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS. (2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH. (3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_\_\_BASE PERIOD \_\_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

SCHEDULE M-2.2 PAGE 5 OF 20 WITNESS: B. L. SAILERS

#### CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (2) <i>(H)</i>	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
2	DT-SEC TIME OF SUMMER: CUSTOMER CHAR	DAY SECONDARY		(KW/KWH)	(\$/KWH)/ (\$/KW)	(5)	(%)	(\$)	(%)	(\$)	(\$)	(%)
4	SINGLE PHASE	(GE.	0		\$7.50	0	0,0	0	0.0		0	0.0
5	THREE PHASE		596		\$15.00	8,940	0.0	229,460	2566.7		8,940	2566.7
6	TOTAL CUSTOME	R CHARGE	595			8,940	0.0	229,460	2566,7		8,940	2566,7
7	DEMAND CHARGE	Ξ:										
8	ON PEAK KW			525,300	\$12.75	6,697,575	14.4	861,492	12.9		6,697,575	0.0
9	OFF PEAK KW		_	12,144	\$1.15	13,966	0.0	1,821	13.0		13,966	13.0
10	TOTAL DEMAND		-	537,444		6,711,541	. 14.4	863,313	12,9		6,711,541	12.9
11	ENERGY CHARGE	(3):										
12	ON PEAK KWH			77,233,253	0.044195	3,413,324	7.3	438,684	12.9		3,413,324	12.9
13	OFF PEAK KWH			169,204,670	0.036195	6,124,363	13.2	786,633	12.8		6,124,363	12.8
14	TOTAL SUMMER		596	246,437,923		16,258,168	34,9	2,318,090	14.3		16,258,168	14.3
15	WINTER:											
	CUSTOMER CHAR	RGE:										
17	SINGLE PHASE		0		\$7.50	0	0.0	0	0.0		0	0.0
18	THREE PHASE		1,197		\$15.00	17,955	0.0	460,845	2566.7		17,955	2566,7
19	TOTAL CUSTOME	R CHARGE	1,197			17,955	0,0	460,845	2566.7		17,955	2566.7
	DEMAND CHARGE	Ē:		975.930	\$12.07	44 770 475	25.2	4 540 600	12.8			
21 22	ON PEAK KW OFF PEAK KW			975,930 23,138	\$12.07 \$1,15	11,779,475 26,609	25.3 0.1	1,512,692 3,470	12.8		11,779,475 26,609	0.0 13.0
	TOTAL DEMANO		-	999,068	<b>4</b> 1,13	11,806,084	25.4	1.516,162	12.8		11,806,084	13.0
	ENERGY CHARGE	(3):		135,580,380	0.042195	5,720,814	12.3	734,439	12.8		5,720,814	12.8
25 26	ON PEAK KWH OFF PEAK KWH			310,922,787	0.042195	11,253,850	24.2	1,445,480	12.8		11,253,850	12.8
	TOTAL WINTER		1,197	446,503,167	0.000100	28,798,703	61.9	4,156,926	14,4		28,798,703	14.4
28		SECONDARY EXCLUDING RIDERS	1,793	692,941,090		45,056,871	96.8	6,475,016	14.4		45,056,871	0,0
	20522			· · · ·								•
29 30	RIDERS:	MANAGEMENT RIDER (DSMR)			0.002576	1,785,016	3.9	0	0.0		1,785,016	0.0
31		TAL SURCHARGE MECHANISM RIDE	ER (ESM)		0,0000000	1,785,016	0.0	0	0.0		1,785,010	0.0
32		CAPITAL INVESTMENT RIDER (DCI)	• •		0.00	õ	0.0	ő	0.0		Ő	0.0
33		MENT CLAUSE (FAC)	•		0.001028					712,343	712,343	0.0
34		ISSION COST RECOVERY RECONC	ILIATION (FTR)	)	0.000000	0	0.0	0	0.0		0	0.0
35	PROFIT SHARI	NG MECHANISM (PSM)			(0.000456)	(315,981)	(0.7)	0	0.0		(315,981)	0.0
36	TOTAL RIDERS		<u> </u>			1,469,035	3.2	<u> </u>	0.0	712,343	2,181,378	0.0

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS. (2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH. (3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_\_\_\_BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_UPDATED \_\_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

#### CURRENT ANNUALIZED

LINE R NO. C		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) <i>(H)</i>	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
1 E 2	EH OPTIONAL RATE FOR ELEC. SPACE HEATING	<u>- 40,00 _</u>	(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(5)	(%)	(\$)	(\$)	(%)
3 C	CUSTOMER CHARGE:										
-	SINGLE PHASE	112		\$7.50	840	0.1	1,080	128.6		840	128.6
	THREE PHASE	392		\$15.00	5,880	1.0	7,558	128,5		5,880	128,5
6	PRIMARY VOLTAGE	0		\$100.00	0	0.0	0	0.0		0	0.0
7 1	TOTAL CUSTOMER CHARGE	504			6,720	1.1	8,638	128.5		6,720	128.5
8 L	DEMAND CHARGE:										
9	ALL KW	-	39,432	<b>\$0.</b> 00	0	0.0	0	0.0		0	- 0.0
10 E	ENERGY CHARGE (3):										
11	ALL CONSUMPTION	_	9,862,331	0.061524	606,770	95.6	83,070	13.7		606,770	13.7
12	TOTAL RATE EH EXCLUDING RIDERS	504	9,862,331		613,490	96.7	91,708	14.9		613,490	14.9
13 F	RIDERS:										
14	DEMAND SIDE MANAGEMENT RIDER (DSMR)			0.002576	25,405	4.0	0	0.0		25,405	0.0
15	ENVIRONMENTAL SURCHARGE MECHANISM	RIDER (ESM)		0.000000	0	0.0	0	0.0		0	0.0
16	DISTRIBUTION CAPITAL INVESTMENT RIDER	(DCI)		0.00000.0	0	0.0	0	0.0		0	0.0
17	FUEL ADJUSTMENT CLAUSE (FAC)			0.001028					10,138	10,138	0.0
18	FERC TRANSMISSION COST RECOVERY REC	ONCILIATION (FTR	9	0.000000	0	0.0	0	0,0		0	0.0
19	PROFIT SHARING MECHANISM (PSM)			(0.000456)	(4,497)	(0.7)	0	0.0		(4,497)	0.0
20	TOTAL RIDERS				20,908	3.3	0	0.0	10,138	31,046	0.0
21	TOTAL RATE EH INCLUDING RIDERS	504	9,862,331		634,398	100.0	91,708	14.5	10,138	644,536	14.2
			· · · · · · · · · · · · · · · · · · ·		······································			· · · · · · · · · · · · · · · · · · ·			=

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

SCHEDULE M-2.2 PAGE 6 OF 20 WITNESS: B. L. SAILERS

SCHEDULE M-2.2 PAGE 7 OF 20 WITNESS:

B. L. SAILERS

DATA: \_\_\_\_BASE PERIOD \_\_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(5): 12 Months Projected with Riders 12 Months Projected with Riders

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (印)	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) <i>(H)</i>	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (0)
1	SP SEASO	NAL SPORTS SERVICE		(КШН)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
2	MINIMUM BILLS	(4)	0			o	0.0	0	0.0		0	0.0
3	CUSTOMER CH	ARGE	180		\$7.50	1,350	4.7	1,735	128.5		1,350	128.5
4	ENERGY CHARG			269,414	0,100598	27,103	93,3	1,608			27.400	
•					0.100330				5,9		27,103	- 5.9
6	TOTAL RATE S	SP EXCLUDING RIDERS	180	269,414		28,453	98.0	3,343	11.7		28,453	- 11.7
7 8	RIDERS: DEMAND SIL	DE MANAGEMENT RIDER (DSM			0.002576	694	2,4	0	0.0		694	0.0
9		NTAL SURCHARGE MECHANIS			0.000000	0	0.0	0	0,0		0	0.0
10	DISTRIBUTIO	ON CAPITAL INVESTMENT RIDI	ER (DCI)		0.000000	0	0.0	0	0,0		0	0.0
11		STMENT CLAUSÉ (FAC)			0.001028					277	277	0,0
12		SMISSION COST RECOVERY R	ECONCILIATION (FT	R)	0.000000	0	0.0	0	0.0		0	0.0
13		RING MECHANISM (PSM)			(0.000456)		(0.4)	0	0.0		(123)	0.0
14	TOTAL RIDERS	5				571	2.0	0	0.0	277	848	. 0.0
15	TOTAL RATE S	P INCLUDING RIDER\$	180	269,414		29,024	100.0	3,343	11.5	277	29,301	. 11.4
16	GS-FL SMALL	FIXED LOADS										
17	MINIMUM BILLS		492		\$3.00	1,476	0.2	220	14.9		1,476	14,9
	BASE RATE (3):											
19		540 TO 720 HRS		12,244	0.080723	988 581.093	0.2	147 86,401	14.9		988 684 002	14.9 14.9
20 21		LESS THAN 540 HRS SS-FL EXCLUDING RIDERS	492	6,251,878 6,264,122	0.092947	583,557	97.4	86,768	<u> </u>		581,093 583,557	14.9
- 1	. STALLATE C			5,20 /, 12L							,,	-
22	RIDERS:											_
23		DE MANAGEMENT RIDER (DSM	•		0.002576	16,136	2.7	0	0.0		16,136 0	0.0 0.0
24		NTAL SURCHARGE MECHANIS			0.000000	0	0.0 0.0	0	0,0 0,0		0	0.0
25 26		ON CAPITAL INVESTMENT RIDI STMENT CLAUSE (FAC)			0.001028	0	0.0	U	0.0	6,440	6,440	0.0
27		SMISSION COST RECOVERY R	ECONCILIATION (FT	'R)	0.000000	0	0.0	0	0.0		0	0,0
28		RING MECHANISM (PSM)			(0.000456)	(2,856)	(0.5)	0	0.0		(2,856)	0.0
29	TOTAL RIDERS	5				13,280	2.2	0	0,0	6,440	19,720	0.0
30	TOTAL RATE G	S-FL INCLUDING RIDERS	540	6,264,122		596,837	100,0	86,768	14.5	6,440	603,277	14.4

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0,001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

(4) 1.5% OF INSTALLED TRANSFORMER AMD METERING COSTS BUT NOT LESS THAN CUSTOMER CHARGE WHETHER SERVICE IS ON OR DISCONNECTED.

SCHEDULE M-2.2 PAGE 8 OF 20

WITNESS:

**B. L. SAILERS** 

DATA: \_\_\_\_\_BASE PERIOD \_\_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

#### CURRENT ANNUALIZED

LINE R NO. C		NSS / RIPTION 3}	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) <i>(H)</i>	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
1 [2	OP SERVICE AT PRIMARY DISTRIBUTION VOLTA		<u></u>	(К₩/К₩Н)	(\$/KWH)/ (\$/KW)	(5)	(%)	(\$)	(%)	(\$)	(\$)	(%)
3 C	USTOMER CHARGE:											
	LOAD MANAGEMENT RIDE	R	24		\$100.00	2,400	0.3	(2,280)	(95.0)		2,400	(95. <b>0</b> )
5	PRIMARY VOLTAGE		120		\$100.00	12,000	1.3	2,254	18.8		12,000	18.8
67	OTAL CUSTOMER CHARG	E	120			14,400	1.6	(26)	(76.2)		14,400	(0.2)
	EMAND CHARGE:											
8	ALL KW		-	35,212	\$7.08	249,301	26.5	46,480			249,301	
97	OTAL DEMAND		-	35,212		249,301	26,5	46,480			249,301	- 18.6
10 E	NERGY CHARGE (3):											
	FIRST 300KWH/KW			10,138,574	0.051068	517,757	55,0	96,590	18.7		517,757	18.7
	ADDITIONAL KWH			2,933,092	0.043198	126,704	13.5	23,667	18.7		126,704	18.7
13	CAP RATE KWH		-	21,244	0.241184	5,124	0.5	956	18.7		5,124	18.7
14 7	OTAL ENERGY		-	13,092,910		649,585	69.0	121,213	18.7		649,585	18.7
15	TOTAL RATE DP EXCLUDI	NG RIDERS	120	13,092,910		913,286	97.1	167,667	18.4		913,286	- 18.4
16 F	RIDERS:											
17	DEMAND SIDE MANAGE	• •			0.002576	33,727	3.5	0	0.0		33,727	0.0
18	ENVIRONMENTAL SURC				0.000000	0	0.0	0	0.0		0	0.0
19	DISTRIBUTION CAPITAL		DCI)		00.0	0	0.0	0	0.0	40.400	0	0.0
20	FUEL ADJUSTMENT CLA			TD)	0.001028	0	0.0	0	0.0	13,460	13,460 0	0.0 0.0
21 22	FERC TRANSMISSION C PROFIT SHARING MECH			· (X)	(0.000456)	-	(0.6)	0	0.0		(5,970)	
	TOTAL RIDERS				(0.000400)	27,757	2.9	0	0.0	13,460	41,217	0.0
24 7	OTAL RATE DP INCLUDIN	G RIDERS	120	13,092,910		941,043	100.0	167,667	17.8	13,460	954,503	- 17.6

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_\_\_BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

#### CURRENT ANNUALIZED

LINE NO.		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) <u>(H)</u>	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M/K1) (0)
	TT TIME OF DAY SUMMER:			(КW/КWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(5)	(%)	(\$)	(\$)	(%)
3	CUSTOMER CHARGE		52		\$500.00		0.2	0	0.0		26,000	. 0.0
4	DEMAND CHARGE:											
5	ON PEAK KW			159,265	\$7.60	1,210,414	9.7	136,968	11.3		1,210,414	11.3
6	OFF PEAK KW		_	6,612	\$1.15	7,604	0.1	859	11.3		7,604	. 11.3
7	TOTAL DEMAND		-	165,877		1,218,018	9.8	137,827	11.3		1,218,018	. 11.3
8	ENERGY CHARGE (3)	:										
9	ON PEAK KWH			25,255,595	0,042648	1,077,101	8.6	298,167	27.7		1,077,101	27.7
10	OFF PEAK KWH			45,510,201	0.042648	1,940,919	15,5	88,563	4.6		1,940,919	4.6
11	TOTAL ENERGY			70,765,796		3,018,020	24.1	386,730	12.8		3,018,020	12.8
12	TOTAL SUMMER			70,765,796		4,262,038	34.1	524,557	12.3		4,262,038	12,3
	WINTER: CUSTOMER CHARGE	r	104		\$500.00	52,000	0.4	0	0.0		52,000	0.0
14	COSTOMER CHARGE		104		4000.00			<u>`</u>	0,0		02,000	. 0.0
	DEMAND CHARGE:					0.004.000	40.0	202.004			2 004 200	
16	ON PEAK KW			323,931 11,592	\$6.24 \$1.15	2,021,329 13,331	16.2 0.1	229,991 1,507	11.4 11.3		2,021,329 13,331	11.4 11.3
17	OFF PEAK KW TOTAL DEMAND		-	335,523	\$1,13	2,034,660	16.3	231,498			2,034,660	11.3
18	IUIAL DEMAND		-	333,323		2,034,050	10.0	231,430			2,004,000	. 11.4
	ENERGY CHARGE (3)	5		50 000 077	0.042648	2,171,780	17.4	475,370	21,9		2,171,780	21.9
20	ON PEAK KWH			50,923,377 95,063,963	0.042648	4.054.288	32,3	475,370 184,994	4,6		4,054,288	4,6
21	OFF PEAK KWH TOTAL ENERGY			145,987,340	0.042040	6,226,068	49.7	660,364	10,6		6,226,068	10,6
	TOTAL WINTER			145,987,340		8,312,728	66.4	891,862	10.7		8,312,728	10.7
24	TOTAL RATE TT EX	CLUDING RIDERS	156	216,753,136		12,574,766	100.5	1,416,419	11.3		12,574,766	11.3
-									······································			
-	RIDERS:				0.000183	39,666	0.3	0	0.0		39,666	0.0
26 27		NAGEMENT RIDER (DSMR) SURCHARGE MECHANISM RIE			0.0000000	39,000 0	0.0	0	0.0		00,000	0.0
28	FUEL ADJUSTME				0.001028	0	0.0	Ŭ	0.0	222,822	222,822	0.0
29		SION COST RECOVERY RECON	CILIATION (F	TR)	0.000000	0	0.0	0	0.0	_,	0	0.0
30		MECHANISM (PSM)			(0.000456)	(98,839)	(0.8)	0	0.0		(98,839)	0.0
31	TOTAL RIDERS				,	(59,173)	(0.5)	0	0.0	222,822	163,649	0.0

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

SCHEDULE M-2.2 PAGE 9 OF 20 WITNESS: B. L. SAILERS

DATA: \_\_\_\_\_BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_\_\_REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

SCHEDULE M-2.2 PAGE 10 OF 20 WITNESS: B. L. SAILERS

#### CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M/K1) (O)
1 2		DAY SERVICE AT SECONDARY TION VOLTAGE		(KWH)	(S/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
3 4	CUSTOMER CHARO BILLS (Real-Time		24		\$183.00	4,392	3.1	0	0.0		4,392	0.0
5	TOTAL CUSTOMER					4,392	3.1	0	0.0		4,392	0.0
7 8 9	ENERGY CHARGE: ALL KWH ANCILLARY SERVI COMMODITY CHAR	ICES	_	4,181,575 4,181,575 4,181,575	0.006053 0.000760 0.024280	25,311 3,178 101,529	17.7 2.2 70.9	39,135 (3,178) 0	154.6 (100.0) 0.0	0	25,311 3,178 101,529	154.6 (100.0) 0.0
10 11	TOTAL ENERGY	TP SECONDARY EXCLUDING RIDERS	24	4,181,575		130,018	90.7	35,957	27.7		130,018 134,410	- 27.7 - 26.8
	<i>Riders:</i> Demand Si Environme Distributi( Ferc Trans	DE MANAGEMENT RIDER (DSMR) ENTAL SURCHARGE MECHANISM RIDER (E DN CAPITAL INVESTMENT RIDER (DCI) SMISSION COST RECOVERY RECONCILIAT RING MECHANISM (PSM)	:SM)	0	0.002576 0.000000 0.00 0.000000 (0.000456)	10.772 0 0 0	7.5 0.0 0.0 (1.3) 6.2		0.0 0.0 0.0 0.0 0.0 0.0	0	10,772 0 0 (1,907) 8,865	0.0 0.0 0.0 0.0 0.0 0.0
10		RTP SECONDARY INCLUDING RIDERS	24	4,181,575		143,275	100.0	35,957	25.1	0	143,275	25.1

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

SCHEDULE M-2.2 PAGE 11 OF 20 WITNESS: B. L. SAILERS

DATA: \_\_\_\_BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S): 12 Months Projected with Riders 12 Months Projected with Riders

#### 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 <i>(F - K)</i> <i>(M)</i>	% 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) (0)
1 2		E AT SECONDARY BUTION VOLTAGE		(KWH)	(\$/KWH)	(5)	(%)	(\$)	(%)	(3)	(\$)	(%)
3	CUSTOMER CHAI BILLS (Real-Tim		36		\$183.00	6,588	25.1	0	0.0		6,588	0.0
5	TOTAL CUSTOME				<b>\$100.00</b>	6,588	25.1	0	0.0		6,588	- 0.0
6 7 8 9	ENERGY CHARGI ALL KWH ANCILLARY SER COMMODITY CH	VICES		304,820 304,820 304,820	0.006053 0.000760 0.055529		7.0 0.9 64.5	2,853 (232) 0	154.6 (100.0) 0.0	0	1,845 232 16,926	154.6 (100.0) 0.0
10	TOTAL ENERGY			304,820		19,003	72.4	2,621	13.8	0	19,003	- 13.8
11	TOTAL RATE DS	RTP EXCLUDING RIDERS	36	304,820		25,591	97.4	2,621	10.2	0	25,591	10.2
12 13 14 15 16 17	DEMAND S ENVIRONN DISTRIBUT FERC TRA	SIDE MANAGEMENT RIDER (DSMR) HENTAL SURCHARGE MECHANISM RID TION CAPITAL INVESTMENT RIDER (DC NSMISSION COST RECOVERY RECONG HARING MECHANISM (PSM)	1)	0	0.002576 0.000000 0.00 0.000000 (0.000456)		3.0 0.0 0.0 (0.5) 2.6	0 0 0 0 0	0.0 0.0 0.0 0.0 0.0 0.0	0	785 0 0 (139) 646	0.0 0.0 0.0 0.0 0.0 0.0
19	TOTAL RATE D	SRTP INCLUDING RIDERS	36	304,820		26,237	100.0	2,621	10.0	0	26,237	10,0

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DATA: \_\_\_\_BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_\_UPDATED \_\_\_\_REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

#### 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) (0)
1 2		TIME OF DAY SERVICE AT TRANSMISSION VOLTAGE		(КШН)	(S/KWH)	(5)	(%)	(3)	(%)	(\$)	(\$)	(%)
3		R CHARGE: eal-Time Pricing)	24		\$183.00	4,392	1.0	0	0.0		4,392	0.0
5	•	STOMER CHARGE	21		· · · · ·	4,392	1.0	0	0.0		4,392	-
6 7 8 9				13,080,334 13,080,334 13,080,334	0.002008 0.000721 0.029268	26,265 9,431 382,835	6.3 2.2 91,3	58,391 (9,431) 0	222,3 (100.0) 0.0	0	26,265 9,431 382,835	222.3 (100.0) 0.0
10	TOTAL EN	ERGY	_	13,080,334		418,531	99,8	48,960	11.7	0	418,531	- 11.7
11	TOTAL R	ATE TT RTP EXCLUDING RIDERS	24	13,080,334		422,923	100.9	48,960	11.6	0	422,923	11.6
12 13 14 15 16 17	EN\ FEF	MAND SIDE MANAGEMENT RIDER (DSMR) /IRONMENTAL SURCHARGE MECHANISM RIDI RC TRANSMISSION COST RECOVERY RECONC DFIT SHARING MECHANISM (PSM) IDERS			0.000183 0.000000 0.000000 (0.000456)	2,394 0 (5,965) (3,571)	0.6 0.0 (1.4) (0.9)	0 0 0 0	0.0 0.0 0.0 0.0	0	2,394 0 (5,965) (3,571)	0,0 0.0 0.0 0.0 0.0
18	TOTAL R	ATE TT RTP INCLUDING RIDERS	24	13,080,334		419,352	100.0	48,960	11.7	0	419,352	11.7

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

SCHEDULE M-2.2 PAGE 12 OF 20 WITNESS: B, L, SAILERS

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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 20 WITNESS RESPONSIBLE: B. L. SAILERS

#### CURRENT ANNUALIZED

INE NO.	RATE CODE (A)	CLASS / OESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES(1A) (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS 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)	(\$/UNIT)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
		ET LIGHTING CO OWNEL	0 & MAINTAINED									
	OVERHEAO D											
3	MERCURY VA											
4	7,000 LUME		67,685	4,529,255	7.11	481,240	36,0	57,533	12.0	4,657	485,897	11.8
5	7,000 LUME		61	4,936	5.94	362	0.0	44	12.2	4	366	12.0
6	7,000 LUME	• •	36	2,409	11.45	412	0.0	50	12.1	2	414	12.
7	7,000 LUME		560	37,473	11.51	6,446	0.5	767	11.9	39	6,485	11.1
8	7,000 LUME	• •	119	7,963	12.38	1,473	0.1	176	11.9	8	1,481	11.9
9	7,000 LUME	• •	132	8,833	14.12	1,864	0.1	222	11.9	9	1,873	11.9
10	10,000 LUM	EN	2,199	209,638	8.21	18,054	1.4	2,155	11.9	215	18,269	11.
11	10,000 LUM	• •	7	667	12.61	88	0.0	11	12.5	1	89	12.4
12	21,000 LUM		9,600	1,431,200	10.99	105,504	7.9	12,576	11.9	1,471	106,975	11.
13	21,000 LUM		132	19,679	15.39	2,031	0.2	242	11.9	20	2,051	11.
14	21,000 LUM		132	19,679	16,26	2,146	0.2	256	11.9	20	2,166	11.
15	METAL HALID											
16	14,000 LUM	EN	336	22,484	7.11	2,389	0.2	286	12.0	23	2,412	11.
17	14,000 LUM	EN (5)	48	3,212	11.51	552	0.0	66	12.0	3	555	11.
18	14,000 LUM	EN (6)	91	6,089	12.38	1,127	0.1	134	11.9	6	1,133	11.5
19	14,000 LUM	EN (10)	12	803	11.51	138	0.0	17	12,3	1	139	12.3
20	20,500 LUM	EN	168	16,016	8.21	1,379	0,1	165	12.0	16	1,395	11.
21	20,500 LUM	EN (6)	24	2,299	13.48	324	0.0	38	11.7	2	326	11.1
22	36,000 LUM		0	0	10,99	0	0.0	0	0.0	0	0	0.
23	SODIUM VAPO	DR:										
24	9,500 LUME		19,202	779,281	7.87	151,120	11.3	18,050	11.9	801	151,921	11.
25	9,500 LUME		120	4,870	5.91	709	0.1	84	11.8	5	714	11.
26	9,500 LUME	EN (4)	48	1,948	12.21	586	0.0	70	11.9	2	588	11.
27	9,500 LUME	EN (5)	685	27,800	12.27	8,405	0.6	1,000	11.9	29	8,434	11.
28	9,500 LUME	• •	685	27,800	13.14	9,001	0.7	1,075	11.9	29	9,030	11.
29	16,000 LUME	EN	372	22,041	8.58	3,192	0.2	379	11.9	23	3,215	11.
30	16,000 LUME	EN (5)	12	711	12.98	156	0.0	18	11.5	1	157	11.
31	16,000 LUM	EN (6)	108	6,399	13.85	1,496	0,1	178	11.9	7	1,503	11.
32	22,000 LUMI	EN	5,435	429,365	11.13	60,492	4.5	7,174	11.9	441	60,933	11.
33	22,000 LUME	EN (4)	36	2,844	15,47	557	0.0	66	11.8	3	560	11.
34	22,000 LUME	EN (5)	219	17,301	15.53	3,401	0.3	403	11.B	18	3,419	11.
35	22,000 LUME	EN (6)	72	5,688	16,40	1,181	0.1	140	11.9	6	1,187	11.
36	22,000 LUME	EN (8)	12	948	18.07	217	0.0	26	12.0	1	218	11.
37	27,500 LUME	EN	96	7,584	11.13	1,068	0.1	127	11.9	8	1,076	11.
38	27,500 LUMI	EN (6)	12	948	16.40	197	0.0	23	11,7	1	198	11.
39	50,000 LUM	EN	10,369	1,692,739	14.95	155,017	11.6	18,456	11.9	1,740	156,757	11.
40	50,000 LUM	EN (5)	312	50,934	19.35	6,037	0.5	718	11.9	52	6,089	11.
41	50,000 LUM	EN (6)	619	101.052	20.22	12,516	0.9	1,492	11.9	104	12,620	11.3

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(1A) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH. (2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) WITH 17' WOOD LAMINATED PDLE.

(4) WITH 30' WOOD POLE.

(5) WITH 35' WOOD POLE. (6) WITH 40' WOOO 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.

CURRENT ANNUALIZED

DATA: \_\_\_\_BASE PERIOD \_\_\_\_\_FORECASTED PERIOD TYPE OF FILING; \_\_\_\_\_ORIGINAL \_\_\_\_UPDATED \_\_\_\_ REVISED WORK PAPER REFERENCE NO(5).: 12 Months Projected with Riders

SCHEDULE M-2.2
PAGE 14 OF 20
WITNESS RESPONSIBLE:
B. L. SAILERS

#### CURRENT % OF REV TO REVENUE % INCR IN CURRENT TOTAL INCR LESS **REV LESS** MOST REVENUE LESS TOTAL LESS TOTAL REVENUE CUSTOMER CURRENT FUEL COST REV FUEL COST REV FUEL COST LINE RATE CLASS / FUEL COST FUEL COST REVENUE % INCREASE NO. CODE DESCRIPTION BILLS(1) SALES RATES(1A) REVENUE REVENUE (F · K) (M / K) REVENUE (2) (K + H) (M / K1) (M) (N) (H) (A) $(\mathbf{C})$ (D)(J) (n)(L) (K1) (0) (8) (KWH) (\$) (S/UMIT) ത (%) (S) (%) (\$) (2)STREET LIGHTING -- CO OWNED & MAINTAINED (CONTD.) 42 SL 43 OVERHEAD DISTRIBUTION (CONT'D.): 44 DECORATIVE SODIUM VAPOR: 9,78 0,0 0.0 45 9,500 LUMEN RECTILINEAR 0 0.0 0 0 0 22,000 LUMEN RECTILINEAR 12 1,023 12,09 145 0,0 17 11.7 146 11.6 46 132 21,549 16.00 251 11.9 22 2,134 47 50,000 LUMEN RECTLINEAR 2.112 0.2 11.8 50,000 LUMEN RECTILINEAR (5) 180 29,385 20.40 3 672 436 11.9 30 3,702 11.8 48 03 21.27 0.0 0 49 50,000 LUMEN RECTILINEAR (6) 0 0 O. 0.0 0 Û 0.0 35,262 50 50,000 LUMEN SETBACK 216 23.79 5.139 0.4 611 11.9 36 5.175 11.8 51 50,000 LUMEN SETBACK (6) 36 5,877 29.06 1.046 0.1 125 12.0 6 1,052 11.9 9,595,373 11,9 9,863 11.8 52 TOTAL OVERHEAD 120,332 1,052,991 78.8 125,657 1.062.854 53 UNDERGROUND DISTRIBUTION: 54 MERCURY VAPOR: 60 4,370 7.24 434 0.0 52 12.0 4 438 11.9 55 7.000 LUMEN 0 5.94 0.0 0 0.0 0 0 0.0 a 56 7,000 LUMEN (OPEN) 600 43,700 11.58 6.948 828 11.9 45 6,993 11.8 67 0.5 7,000 LUMEN (4) 12 11.64 0.0 16 11.4 141 11.3 58 7,000 LUMEN (5) 874 140 1 27 605 5,132 11.8 59 7,000 LUMEN (8) 360 26,220 14.18 5,105 0.4 11.9 60 10,000 LUMEN 0 0 8.35 0.0 ð 0.0 រ UL, 0.0 84 8,505 12.70 1,067 0,1 127 11.9 9 1.076 11.8 61 10,000 LUMEN (4) 156 15,795 15.30 2,387 0.2 282 11.8 16 2,403 11.7 62 10,000 LUMEN (8) 96 15,312 11.25 1,080 0.1 129 11,9 16 1,096 11,8 63 21,000 LUMEN 132 285 11.9 22 2,423 11.8 18.19 2.401 0.2 64 21,000 LUMEN (8) 21.054 65 METAL HALIDE: 7.24 0 Û 0.0 0 0.0 0.0 66 14,000 LUMEN 0 0 Ð 0.0 0 0 0.0 67 20,500 LUMEN C 0 8.36 a 0.0 0 68 36,000 LUMEN 0 0 11.25 0 0.0 0 0,0 0 Ð 0.0 69 SODIUM VAPDR: 0 Ω 7.87 0.0 0.0 n ۵ 0.0 70 9,500 LUMEN ß 71 24 974 13.14 315 0,0 38 12.1 1 316 12.0 9,500 LUMEN (6) 588 23,863 14.81 8,708 0.7 1,035 11.9 25 8,733 11.9 72 9.500 LUMEN (8) 295 12.2 24 974 12.27 294 0.0 36 12.2 73 9.500 LUMEN (10) 12 487 16.47 198 0.0 23 11.6 199 11.6 74 9,500 LUMEN (13) 0.0 0,0 0 0 75 9,500 LUMEN (OPEN) 0 0 5,99 0 0,0 0 0.0 0.0 8.55 0.0 0 0 76 16,000 LUMEN 0 n 348 11.8 77 16,000 LUMEN (6) 25 1,481 13.82 346 0.0 41 11.8 2 19 2.557 11.8 78 22,000 LUMEN 228 18,012 11.13 2.538 0.2 301 11.9 11.8 937 117 79 22,000 LUMEN (5) 60 4,740 15.53 932 0.1 110 -6 528 41,712 18.07 9,541 0.7 1,130 11.8 43 9,584 11.8 80 22,000 LUMEN (8) 48 3,792 18.14 871 0.1 103 11.8 4 875 11.8 81 22.000 LUMEN (8A) 0.0 11.13 0.0 0.0 Û £ 82 27,500 LUMEN 0 20 11,9 19,908 749 11.9 6,317 252 24.99 6.297 0.5 83 27,500 LUMEN (9) 336 54.852 14.95 5.023 0.4 598 11.9 56 5,079 11.8 84 50,000 LUMEN 12 11.8 1.588 85 50,000 LUMEN (8) 72 11.754 21.89 1.576 0.1 187 11.9 132 21,549 28.81 3,803 0.3 453 11.9 22 3,825 11.8 86 50,000 LUMEN (9) 87 DECORATIVE MERCURY VAPOR: 7,000 LUMEN TOWN & COUNTRY 0 7.48 0.0 n 0.0 0 0 0.0 88 15,354 305 11.9 16 2.582 11.8 7,000 LUMEN TOWN & COUNTRY (3) 216 11.88 2,566 0.2 89 69,949 5.2 8,303 11.9 430 70,379 11.B 5,888 418,539 11.88 90 7.000 LUMEN TOWN & COUNTRY (10) 26 11,4 24 1,748 9,40 226 0.0 11.5 2 228 91 7,000 LUMEN HOLOPHANE 11,9 143 26,487 11.8 139,039 13.80 2.0 3,131 1.909 26,344 92 7,000 LUMEN HOLOPHANE (10) 382 11.9 7 3,218 11.9 33.45 93 7,000 LUMEN GAS REPLICA (7) 96 6,992 3,211 0.2 0 0,0 94 7,000 LUMEN GRANVILLE n 0 7.56 п 0.0 0 0.0 0 0.0 0.0 95 7,000 LUMEN GRANVILLE (7) 0 n 19.53 n D. 0.0 C 0 11.9 329 7,000 LUMEN ASPEN 24 1.748 13.61 327 0.0 39 11.9 2 96 (1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED. (5) WITH 35' WOOD POLE.

(1) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) WITH 1T WDOD LAMINATED POLE.

(4) WITH 30" WODD POLE

(6) WITH 40' WOOD POLE. (7) WITH 12' ALUM POLE. (8) WITH 28' ALUM POLE.

(BA) WITH 28' ALUM POLE HEAVY GAUGE.

(9) WITH 30' ALUM POLE. (10) WITH 17' FIBERGLASS POLE. (11) WITH 17' FIBERGLASS POLE. (12) WITH 30' FIBERGLASS POLE. (33) WITH 35' FIBERGLASS POLE.

DATA: \_\_\_\_ BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S) .: 12 Months Projected with Riders

(8)

LINE RATE

NO. CODE

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99 OECORATIVE METAL HAUDE:

14,000 LUMEN GRANVILLE

14,000 LUMEN GAS REPLICA

14,500 LUMEN GAS REPLICA

9,500 LUMEN HOLOPHANE

9,500 LUMEN ASPEN

9,500 LUMEN GRANVILLE

9.500 LUMEN GRANVILLE (7)

22,000 LUMEN RECTILINEAR

50,000 LUMEN RECTILINEAR

50,000 LUMEN SETBACK

130 TOTAL UNDERGROUND

97 SL

B. L. SAILERS CURRENT ANNUALIZED CURRENT % OF REV TO REVENUE % INCR IN CURRENT TOTAL MOST REVENUE LESS TOTAL LESS INCR LESS REV LESS TOTAL REVENUE CLASS / CUSTOMER CURRENT FUEL COST FUEL COST FUEL COST REV FUEL COST REV FUEL COST REVENUE % INCREASE DESCRIPTION BILLS(1) SALES RATES(1A) REVENUE REVENUE (F - K) (M/K) **REVENUE (2)** (K + H) (M/K1) (C) (D) (J) (K) (L) (M) (N) (K1) (H) (0) (KWH) (\$/UNIT) (ኛ) (%) (S) (%) (\$) (\$) (%) STREET LIGHTING -- CO OWNED & MAINTAINED (CONT'D.) 98 UNDERGROUND DISTRIBUTION (CONT'D.): 100 14,000 LUMEN TRADITIONAIRE 0 D 7.48 n 0.0 0 0.0 0.0 0 14,000 LUMEN TRADITIONAIRE (7) 4,265 60 19.45 1,167 0.1 139 11.9 1.171 11.9 - 4 14,000 LUMEN TRADITIONAIRE (10) 33,267 468 11.88 5,560 0.4 660 11.9 34 5.594 11.8 0 • 13.61 0 0.0 0 0.0 0 0 0.0 14,000 LUMEN GRANVILLE (11) 0 0 26.48 0.0 ۵ 0.0 n 0 0 0.0 0 0 21.57 0 0.0 n 0.0 n n 0.0 - e 0 21.57 • 0.0 0 0.0 D 0 0.0 14,500 LUMEN GAS REPLICA (7) 240 17,480 33.54 8,050 955 0.6 11.9 18 8,068 11.8 14,500 LUMEN GAS REPLICA (10) 4,370 60 25.97 1.558 0.1 185 11.9 1,562 11.8 4 109 DECORATIVE SODIUM VAPOR: 9,500 LUMEN TOWN & COUNTRY 98 3,977 10.93 1.071 0,1 128 12.0 1.075 4 11.9 9,500 LUMEN TOWN & COUNTRY (10) 1.896 76 946 15.33 29,066 2.2 3,450 11.9 79 29,145 11.8 576 25,536 11.84 6,820 0.5 812 11.9 26 6,846 11.9 9,500 LUMEN HOLOPHANE (10) 312 13,832 16.24 5,067 0.4 602 11.9 5,081 11.8 14 9,500 LUMEN GAS REPLICA (7) 132 5,852 34.23 4,518 0.3 538 119 6 4 5 2 4 11.9 9,500 LUMEN GAS REPLICA (10) 12 532 26.66 320 0.0 38 11,9 321 11.8 9,500 LUMEN GAS REPLICA (11) 312 13,832 35.13 10,961 0.8 1,304 11.9 14 10,975 11.9 888 39,368 13.79 12,246 0.9 1,456 11.9 40 12,266 11.9 9.500 LUMEN TRADITIONAIRE • 10 93 0.0 0.0 0 0.0 9,500 LUMEN TRADITIONAIRE (10) 696 28,246 15.33 10,670 0.8 1,266 11,9 29 10,699 11.8 0 13.79 0.0 0.0 0 0 0 0.0 25.76 0.0 D ۵ 0 0.0 0 0 0.0 - C 9,500 LUMEN GRANVILLE (10) 0 18.19 0.0 0.0 0 0.0 ۵ • n 0 9,500 LUMEN GRANVILLE (11) 0 0 26.66 0.0 0.0 0.0 0 0 12.15 0 0.0 n 0.0 0 0.0 22,000 LUMEN RECTILINEAR (12) 169 14,407 20.53 3,470 0.3 412 11.9 15 3,485 11.8 0 16.06 0.0 0.0 C 0.0 n 0 0 50,000 LUMEN RECTILINEAR (12) 36 5,877 24.44 880 0.1 105 11.9 886 11.9 6 33,303 50,000 LUMEN RECTILINEAR (13) 204 24.66 5,031 0.4 597 11.9 34 5,065 11.8 • • 23.79 C 0.0 ۵ 0,0 0 0 0,0 18,145 1,244,438 269,082 20.2 31,961 11.9 1,279 270,361 11.8 131 RIDERS NOT INCLUDED IN RATES ABOVE (\$ PER KWH) ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM) 0.000000 0.0 0.0 0 0.0 0 0 DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI) 0.000000 0 0.0 0 0.0 0 0.0 FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR) 0.000000 0 0.0 0 0.0 0 0.0 PROFIT SHARING MECHANISM (PSM) (0.000456) 0.0 (4,943) 0.0 (4,943) (0.4)TOTAL RIDERS NOT INCLUDED IN RATES ABOVE (4,943) (0.4) 0 0.0 (4,943) 0.0

SCHEDULE M-2.2 PAGE 15 OF 20

WITNESS RESPONSIBLE:

11.5 12.0 11.9 11.9

137 138 139	ADD'L FACILITIES CHARGE: OVERHEAD UNDERGROUND	5,647 20,991	0.52 0.75	2,936 15,743	0.2	339 1,889	11.5		2,936 15,743
140	TOTAL ADD'L FACILITIES CHG	25,638	_	18,679	1.4	2,228	11.9	0	18,679
141	TOTAL RATE SLI NCLUDING RIDERS	138,477 10,839,811	-	1,335,809	100.0	159,846	12.0	11,142	1,346,951
(1A) RE. (2) REFI (3) WiTH	SE FIGURES REPRESENT NUMBER OF UNITS BILL FLECTS FUEL COST RECOVERY INCLUDED IN BA- LECTS FUEL COMPONENT OF \$0,001028 PER KWI I 17'WOOD LAMINATED POLE. 130'WOOD POLE.	SE RATES OF \$0,023837 PER KWH.		(5) WITH 35' WOOD P (6) WITH 40' WOOD P (7) WITH 12' ALUM PC (8) WITH 28' ALUM PC (8A) WITH 28' ALUM PC	DLE. DLE. DLE.		(9) WITH 30' ALUM PC (10) WITH 17' FIBERG (11) WITH 12' FIBERG (12) WITH 30' FIBERG (13) WITH 35' FIBERG	LASS POLE. LASS POLE. LASS POLE.	

SCHEDULE M-2.2 PAGE 16 OF 20

WITNESS:

B. L. SAILERS

DATA: \_\_\_\_BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders

#### 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)	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) (0)
		AFFIC LIGHTING ERVICE		(КШН)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
	• •	RE COMPANY S ENERGY ONLY (3):										
:	5 ALL COI	NSUMPTION	76,092	681,336	0.038066	25,936	37.0	3,082	11.9	700	26,636	11.6
- - 	SÚPPLIE: SEPARA	RE COMPANY S ENERGY FROM A TELY METERED SOURCE SVIDES LIMITED IANCE:										
1	ALL CO	NSUMPTION	0	0	0.021078	0	0.0	0	0.0	0	0	0.0
1: 14												
1(	ALL CO	NSUMPTION	18,876	758,460	0.059145	44,859	63.9	5,331	11.9	780	45,639	11.7
17	TOTAL I	RATE TL EXCLUDING RIDERS	94,968	1,439,796		70,795	100.9	8,413	11 <b>.9</b>	1,480	72,275	11.6
1	RIDERS N	NOT INCLUDED IN RATES ABOVE:										
19	ENVIR	RONMENTAL SURCHARGE MECHANISM RIDER	(ESM)		0.000000	0	0.0	0	0.0		0	0.0
20	DISTR	RIBUTION CAPITAL INVESTMENT RIDER (DCI)			0.000000	0	0.0	0	0.0		0	0.0
21		TRANSMISSION COST RECOVERY RECONCIL	IATION (FTR)		0.000000	0	0.0	0	0.0		0	0.0
2:	2 PROFI	IT SHARING MECHANISM (PSM)			(0.000456)	(657)	(0.9)	0	0,0		(657)	-
2;	3 TOTAL I	RIDERS NOT INCLUDED IN RATES ABOVE				(657)	(0.9)	0	0.0		(657)	0.0
24	4 TOTAL	RATE TL INCLUDING RIDERS	94,968	1,439,796		70,138	100.0	8,413	12.0	1,480	71,618	11.7

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_\_\_\_BASE PERIOD \_\_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders

CURRENT ANNUALIZED

SCHEDULE M-2.2

PAGE 17 OF 20

B. L. SAILERS

WITNESS:

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D) _	MOST CURRENT RATES(3) (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	UOLS UNMET	ERED OUTDOOR LIGHTING SERV										
2	BASE RATE		91,004	5,388,585	0.037481	201,970	101.2	24,006	11.9	5,539	207,509	11.6
3	RIDERS NOT I	NCLUDED IN RATES ABOVE:										
4	ENVIRONM	ENTAL SURCHARGE MECHANISM RI	DER (ESM)		0.000000	0	0.0	0	0.0		0	0.0
5	DISTRIBUT	ION CAPITAL INVESTMENT RIDER (D	CI)		0.000000	0	0.0	0	0.0		0	0.0
6	FERC TRA	SMISSION COST RECOVERY RECON	ICILIATION (FTR)		0.000000	0	0.0	0	0.0		0	0.0
7	PROFIT SH	ARING MECHANISM (PSM)			(0.000456)	(2,457)	(1.2)	0	0.0	<u> </u>	(2,457)	0.0
8	TOTAL RIDE	RS NOT INCLUDED IN RATES ABOVE	<u> </u>			(2,457)	(1.2)	0	0.0		(2,457)	. 0.0
9	TOTAL RATE	UOLS INCLUDING RIDERS	91,004	5,388,585		199,513	100.0	24,006	12.0	5,539	205,052	11.7

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_\_\_BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders

#### CURRENT ANNUALIZED

LINE RATE NO. CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES(3) <i>(J)</i>	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 NSU N	NON STANDARD STREET LIGHT UNITS		(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
2 (A) CO	DMPANY OWNED										
3 (1) BO	ULEVARD INCANDESCENT(UG):										
4 2,500	LUMEN SERIES	0	0	9.22	0	0.0	0	0.0	0	0	0.0
5 2,500	LUMEN MULTIPLE	144	9,432	7.16	1,031	1.7	122	0.0	10	1,041	0.0
	LOPHANE DECORATIVE:										
	O LUMEN MV W										
• • • •	FIBERGLASS POLE	372	37,665	16.79	6,246	10.1	744	11.9	39	6,285	11.8
	REET LGT UNITS (OH) 10 LUMEN INDANDESCENT	372	24,366	7,10	0.644	4.3	24.2	11.0	25	2.000	44.7
	0 LUMEN MERCURY VAPOR	7.008	264,552	6.72	2,641 47,094	4.3 76.4	313 5,606	11.9 11.9	25 271	2,666 47,365	11.7 11.8
	0 LUMEN MERCURY VAPOR	408	65,076	10.66	4,349	7.1	518	11.9	67	4,416	11.7
	L COMPANY OWNED	8,304	401,091		61,361	99.6	7,303	11.9	412	61,773	11.8
14 <i>(B)</i> CU	ISTOMER OWNED WITH LTD MAINT										
	ULEVARD INCANDESCENT(UG):										
	LUMEN SERIES	0	0	5.44	0	0.0	0	0,0	0	0	0.0
17 2,500	LUMEN MULTIPLE	60	3,930	6.92	415	0.7	49	0.0	4	419	0.0
18 TOTAL	L CUSTOMER OWNED	60	3,930		415	0.7	49	11.8	4	419	11.7
19 TOTA	AL RATE NSU EXCLUDING RIDERS	8,364	405,021		61,776	100.3	7,352	11.9	416	62,192	11.8
20 RIDER	RS NOT INCLUDED IN RATES ABOVE (\$/KW	HI.									
	VIRONMENTAL SURCHARGE MECHANISM			0.000000	0	0.0	0	0.0		0	0.0
	TRIBUTION CAPITAL INVESTMENT RIDER	• •		0.000000	õ	0.0	ő	0.0		ů 0	0.0
	RC TRANSMISSION COST RECOVERY REC		TR)	0.000000	0	0.0	0	0.0		0	0.0
	OFIT SHARING MECHANISM (PSM)	•	-	(0.000456)	(185)	(0.3)	0	0.0		(185)	0.0
25 TOTA	AL RIDERS NOT INCLUDED IN RATES ABOY	/E			(185)	(0.3)	0	0.0		(185)	0.0
	L RATE NSU INCLUDING RIDERS	8,364	405,021		61,591	100.0	7,352	11,9	416	62,007	11.9

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

SCHEDULE M-2.2 PAGE 18 OF 20 WITNESS: B, L. SAILERS

CURRENT ANNUALIZED

DATA: \_\_\_\_BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(\$): 12 Months Projected with Riders

SCHEDULE M-2.2 PAGE 19 OF 20 WITNESS: B. L. SAILERS

	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES(3) (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	FUEL COST REVENUE (L)	(F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREAS (M / K1) (0)
				(KWH)	(\$/UNIT)	(\$)	( <sup>26</sup> )	(\$)	(%)	(\$J	(3)	(%)
	SC STREET LIG				(\$/KWH)							
2	CUST OWNED/LT											
3	STANDARD UNIT											
4	MERCURY VAP	UR-	•					•			~	0,0
5	7,000 LUMEN		0	0	4.19	D	g.0	0	0.0	0	0	
6	10,000 LUMEN		0	0	5.33	0	0.0	0	0.0 0.0	0 0	0	0.
7	21,000 LUMEN		0	0	7.40	U	0.0	U	0.0	U	0	0.
8	METAL HALIDE -	-	_	_				_		_		_
9	14,000 LUMEN		0	D	4.19	0	0.0	D	0.0	a	0	0.
10	20,500 LUMEN		0	0	5.33	0	0.0	0	0.0	0	0	0
11	36,000 LUMEN		0	0	7,40	- 0	0,0	0	0.0	Q	0	0.
12	SODIUM VAPOR											
13	9,500 LUMEN		0	0	5.04	0	0.0	0	0.0	0	0	0
14	16,000 LUMEN		0	D	5.62	0	0.0	0	0.0	0	0	Q
15	22,000 LUMEN		0	D	6.17	0	0.9	0	0.0	0	0	0
16	27,500 LUMEN		D	0	6.17	0	0.0	0	0.0	0	0	0
17	50,000 LUMEN		0	0	8.36	0	0,0	0	0.0	0	0	C
18	DECORATIVE UNI	TS:										
19	7,000 LUMEN MI	ERCURY VAPOR										
20	HOLOPHANE		0	0	5.32	0	0,0	0	0.0	0	0	C
21	TOWN & COUN	TRY	0	0	5.27	0	0.0	0	0.0	0	0	0
22	GAS REPLICA		0	D	5.32	0	0.0	٥	0.0	0	0	0
23	ASPEN		Û	0	5.32	0	0.0	0	0.0	0	0	0.
24	14,000 LUMEN M	ETAL HALIDE-										
25	TRADITIONAIRI		0	0	5.27	0	0.0	0	0.0	0	0	0
26	GRANVILLE AC	ORN	0	0	5,32	0	0.0	0	0.0	0	0	0
27	GAS REPLICA		0	0	5.32	0	0.0	0	0.0	0	0	0
28	9,500 LUMEN SO	DIUM VAPDR										
29	TOWN & COUN		0	0	4.96	0	0,0	0	0.0	0	0	0
30	TRADITIONAIR		0	D	4.96	0	0.0	0	0.0	0	0	0
31	GRANVILLE AC	ORN	D	0	5.18	0	0,0	0	0.0	0	0	0
32	RECTILINEAR		0	0	4.96	0	0.0	0	0.0	0	0	0
33	ASPEN		D	o	5,18	0	0.0	0	0.0	0	0	0
34	HOLOPHANE		D	0	5.18	D	0.0	0	0.0	0	0	0
35	GAS REPLICA		0	0	5.18	0	0.0	D	0.0	o	0	C
36	SODIUM VAPOR -	-										
37	22,000 LUMEN (		0	D	6.54	0	0.0	0	0.0	0	0	0
38	50,000 LUMEN (		0	0	8.65	0	0.0	D	0.0	0	0	0
39	CUST OWNED/CU	IST MAINT										
40	ENERGY ONLY	or mann	2,064	97,596	0.037481	3,658	101.2	435	11.9	100	3,758	11
41	TOTAL RATE SC	EXCLUDING RIDERS	2,064	97,596		3,558	101.2	435	11.9	100	3,758	11
47	BIDERS NOT INC.	UDED IN RATES ABOVE (SA	KWHI-									
42 43		ITAL SURCHARGE MECHAN			0.000000	٥	D.D	0	0.0		0	0
43 44		N CAPITAL INVESTMENT RI			0.0000000	ő	0.0	ő	0.0		ő	C
44 45		MISSION COST RECOVERY I			0.000000	ő	0.0	ő	0.0		ŏ	0
45		ING MECHANISM (PSM)	in some in the first of		(0.000456)	+	(1.2)	ŏ	0.0		(45)	
46		NOT INCLUDED IN RATES AE	BOVE		(e.e.e.	(45)	(1.2)	0	0.0		(45)	-
					-		,,					-
48	TOTAL RATE SC	NCLUDING RIDERS	2,054	97,596		3,513	100.0	435	12.0	100	3,713	1

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT DF \$0.001028 PER KWH. (3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_\_\_\_BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders

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CURRENT ANNUALIZED

SCHEDULE M-2.2 PAGE 20 OF 20

WITNESS:

B. L. SAILERS

	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES(3) <i>(J)</i>	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	(F - K) <u>(M)</u>	% INCR IN REV LESS FUEL COST REV (M / K) (N)	REVENUE (2) <i>(H)</i>	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASI (M / K1) (O)
				(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
2	–	ET LIGHTING ~ RHEAD EQUIVALENT RATE										
3	MERCURY	VAPOR 7,000 LUMEN:										
4	TOWN &	COUNTRY	6,816	484,504	7.29	49,689	26.2	5,930	11.9	497	50,186	11.8
5	HOLOPH	ANE	2,328	169,556	7.32	17,041	9.0	2,025	11.9	174	17,215	11.B
6	GAS REF	PLICA	696	50,692	7.32	5,095	2.7	605	11.9	52	5,147	11.8
7	ASPEN		132	9,614	7.32	966	0.5	115	11.9	10	976	11.8
8	METAL HAI	LIDE 14,000 LUMEN:										
9	TRADITIC	DNAIRE	3,144	223,486	7.29	22,920	12.1	2,735	11.9	230	23,150	11.8
10	GRANVIL	LE ACORN	0	0	7.32	0	0.0	0	0,0	0	0	0.0
11	GAS REP	LICA	588	42,826	7.32	4,304	2.3	512	11.9	44	4,348	11.8
12	SODIUM VA	APOR 9,500 LUMEN:										
13	TOWN &	COUNTRY	3,192	129,542	7.95	25,376	13.4	3,001	11.8	133	25,509	11.8
15	HOLOPH	IANE	2,364	104,804	8.05	19,030	10.0	2,270	11.9	108	19,138	11.9
16	RECTILI	NEAR	972	39,447	7.95	7,727	4.1	914	1 <b>1</b> .8	41	7,768	11.8
17	GAS REP	PLICA	1,272	56,392	8.04	10,227	5.4	1,221	11.9	58	10,285	11.9
19	ASPEN		2,580	114,380	8.04	20,743	10.9	2,477	11.9	118	20,861	11.9
14	TRADITIC	DNAIRE	0	0	7.95	0	0.0	0	0.0	0	0	0.0
18	GRANVIL	LLE ACORN	156	6,916	8.04	1,254	0,7	150	12.0	7	1,261	11.9
20	SODIUM VA	APOR:										
21	22,000 LU	MEN (RECTILINEAR)	480	40,920	11.42	5,482	2.9	652	11.9	42	5,524	11.8
22	50,000 LU	MEN (RECTILINEAR)	24	3,918	15.11	363	0.2	43	11.8	4	367	11.7
23	50,000 LU	MEN (SETBACK)	0	0	15.11	0	0.0	0	0.0	0	0	0.0
24	TOTAL RA	ATE SE EXCLUDING RIDERS	24,744	1,476,997		190,217	100.4	22,650	11.9	1,518	191,735	11.8
25	RIDERS NO	)T INCLUDED IN RATES ABOVE (\$/I	КWН):									
26		NMENTAL SURCHARGE MECHANI			0.000000	0	0,0	0	0.0		0	0.0
27		BUTION CAPITAL INVESTMENT RID			0.000000	0	0.0	0	0.0		0	0.0
28		RANSMISSION COST RECOVERY R	ECONCILIATION (F	TR)	0.000000	0	0.0	0	0.0		0	0.0
29	PROFIT	SHARING MECHANISM (PSM)	-		<b>(0.00</b> 0456)		(0.4)	0	0.0		(674)	0.0
30		DERS NOT INCLUDED IN RATES AL	BOVE			(674)	(0.4)	0	0.0		(674)	0.0
31		ATE SE INCLUDING RIDERS	24,744	1,476,997		189,543	100.0	22,650	11.9	1,518	191,061	11,9

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0,023837 PER KWH.

PROPOSED ANNUALIZED

DATA: \_\_\_\_\_BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(5).: 12 Months Projected with Riders 12 Months Projected with Riders

SCHEDULE M-2.3 PAGE 1 OF 20 WITNESS: B. L. SAILERS

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) (7)
				(KWH)	(¢/KWH)	(\$)	(%)	(3)	(\$)
1	RS	<u>RESIDENTIAL</u> RESIDENTIAL SERV	1,534,899	1,483,760,953	10.3129	153,019,000	100.00	1,525,306	154,544,306
2	TOTAL RESI		1,534,899	1,483,760,953	10.3129	153.019.000	41.41	1,525,306	154,544,306
								1,020,000	
3	DS	DISTRIBUTION DISTRIBUTION SERV	158,808	1,126,916,760	9,2617	104,371,246	53,46	1,158,470	105,529,716
4	DT-PRI	TIME OF DAY	444	499,861,812	7,0637	35,308,927	18.09	513,858	35,822,785
5	DT-SEC	TIME OF DAY	1,793	692,941,090	7,6487	53,000,922	27.15	712,343	53,713,265
6	EH	ELEC SPACE HEATING	504	9,862,331	7,3624	726,106	0.37	10,138	736,244
7	SP	SPORTS SERV	180	269,414	12.0139	32,367	0.02	277	32,644
B	GSFL	SMALL FIXED LOADS	540	6,264,122	10.9130	683,605	0.35		
9	DP	PRIMARY VOLTAGE	120	13,092,910	8,4680	1,108,710	0.55	6,440	690,045
10	TOTAL DIST		162,389	2,349,208,439	8,3105	195,231,883	52.84	2,414,986	1,122,170
	TOTAL DIST.		102,005	2,345,200,435	0,0100	193,231,003	JZ.04	2,414,980	191,040,009
		TRANSMISSION							
11	тт	TIME OF DAY	156	216,753,136	6.4276	13,932,012	100.00	222,822	14,154,834
12	TOTAL TRAM	ISMISSION	156	216,753,136	6,4276	13,932,012	3.77	222,822	14,154,834
		REAL TIME PRICING							
13	DT-RTP PRI	REAL TIME PRICING	0	0		0	0.00	0	0
14	DT-RTP SEC	REAL TIME PRICING	24	4,181,575	4 2862	179,232	26.50	0	179,232
15	DS-RTP	REAL TIME PRICING	36	304,820	9,4672	28,858	4.27	0	28,858
16	ŤΤ-RTP	REAL TIME PRICING	24	13,080,334	3,5803	468,312	69.24		468,312
17	TOTAL REAL	, TIME PRICING		17,566,729	3,8505	676,402	0.18	0	676,402
		LIGHTING							
18	SL	STREET LIGHTING	138,477	10,839,811	13.7978	1,495,655	71,81	11,143	1,506,798
19	TL	TRAFFIC LIGHTING	94,968	1,439,796	5,4557	78,551	3.77	1,480	80,031
20 21	UOLS		91,004	5,388,585	4,1480	223,519	10,73	5,539	229,058
22 23	NSU	NON STD STREET LIGHT	8,364	405,021	17.0221	68,943	3.31	416	69,359
24	SC	CUST OWNED STREET LIGHTING	2,064	97,596	4.1477	4,048	0.19	100	4,148
25	SE	OVR HD EQUIV STREET LIGHTING	24,744	1,476,997	14.3665	212,193	10.19	1,518	213,711
26	TOTAL LIGH	TING	359,621	19,647,806	10.6012	2,082,909	0.56	20,196	2,103,105
		OTHER MISC REVENUE							
27	ID01	INTERDEPARTMENTAL	12	715,514	7 1300	51.037	1.11	736	51,773
28	1001	PJM AND TRANSMISSION	0	0		2,837,250	61.73	0	2,837,250
29		BAD CHECK CHARGES	ů	0		24,156	0.53	0	24,156
				-	-				
30		RECONNECTION CHGS	0	0	-	198,095	4.31	0	198,096
31		POLE AND LINE ATTACHMENTS	0	D	-	230,180	5.01	0	230,180
32		RENTS	0	0	-	1,058,004	23.02	0	1,058,004
33	WS	SPECIAL CONTRACTS	132	138,888	5.4600	7,579	0,16	143	7,722
34		OTHER MISC	0	0	-	189,760	4.13	0	189,760
35	TOTAL MISC	REVENUE	144	854,402		4,596,062	1.24	879	4,596,941
36	TOTAL		2,057,293	4,087,791,465	9,0400	369,538,268	100.00	4,184,189	373,722,457

(1) DETAIL CONTAINED ON SCHEDULES M-2.3 PAGES 2 THROUGH 23.

DATA: \_\_\_\_ BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

SCHEDULE M-2.3 PAGE 2 OF 20 WITNESS: B. L. SAILERS

#### PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION <i>(B)</i>	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES <i>(E)</i>	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) <i>(H)</i>	PROPOSED TOTAL REVENUE (F + H) (I)
1	RS RESIDI	ENTIAL		(КѠН)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
•	CUSTOMER CH	4005							
2 3	BILLS	ARGE:	1,534,89 <del>9</del>		\$11.22	17,221,567	11.3		17,221,567
4	ENERGY CHAR	RGE (3):							
5	ALL KWH	.,		1,483,760,953	0.083908	124,499,414	81.3		124,499,414
6	TOTAL RATE	RS EXCLUDING RIDERS	1,534,899	1,483,760,953		141,720,981	92.6		141,720,981
7	RIDERS:								
8	HOME ENER	RGY ASSISTANCE (HEA)			\$0.10	153,490	0.1		153,490
9	DEMAND SI	DE MANAGEMENT RIDER (DS	iMR)		0.007967	11,821,124	7.7		11,821,124
10	ENVIRONME	ENTAL SURCHARGE MECHAN	IISM RIDER (ESM)		0.000000	0	0.0		C
11	DISTRIBUTI	ON CAPITAL INVESTMENT RI	DER (DCI)		0.000000	0	0.0		0
12	FUEL ADJU	STMENT CLAUSE (FAC)			0.001028		0.0	1,525,306	1,525,306
13	FERC TRAN	SMISSION COST RECOVERY	RECONCILIATION (F1	rr)	0.000000	0	0.0		0
14	PROFIT SHA	RING MECHANISM (PSM)			(0.000456)	(676,595)	(0.4)		(676,595
15	TOTAL RIDER	2S				11,298,019	7.4	1,525,306	12,823,325
16	TOTAL RATE	RS INCLUDING RIDERS	1,534,899	1,483,760,953		153,019,000	100.0	1,525,306	154,544,306

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL ADJUSTMENT CLAUSE (FAC) OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_\_\_\_BASE PERIOD \_\_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

SCHEDULE M-2.3 PAGE 3 OF 20 WITNESS: B. L. SAILERS

#### PROPOSED ANNUALIZED

.INE NO.	RATE CODE <i>(A)</i>	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES <i>(E)</i>	PROPOSED REVENUE LESS FUEL COST REVENUE <i>(F)</i>	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) <i>(H)</i>	PROPOSED TOTAL REVENUE (F + H) (I)
1 2		RVICE AT SECONDARY TRIBUTION VOLTAGE		(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(\$)
3	CUSTOMER	CHARGE:							
4		VAGEMENT RIDER - NON-INTERVAL	1,817		\$5.00	9,085	0,0		9,085
5	-	NAGEMENT RIDER - INTERVAL	12		\$5.00	60	0.0		60
6	SINGLE PH		85,484		\$17.14	1,465,196	1.4		1,465,196
7	THREE PH	ASE	73,324		\$34.28	2,513,547	2.4		2,513,547
8	TOTAL CUS	TOMER CHARGE	158,808			3,987,888	3.8		3,987,888
9	DEMAND CI	HARGE:							
10	FIRST 15 H	(W		1,407,151	\$0.00	0	0.0		(
11	ADDITION/	AL KW		2,525,026	\$8.73	22,043,477	21.1		22,043,477
12	TOTAL DEN	IAND		3,932,177		22,043,477	21.1		22,043,477
13	ENERGY CH	HARGE (3):							
14	FIRST 600	IO KWH		370,329,117	0.091917	34,039,541	32.6		34,039,541
15	NEXT 300F			633,333,732	0.056425	35,735,856	34.3		35,735,856
16	ADDITION			120,829,252	0.046204	5,582,795	5.3		5,582,79
17		RCH "CAP" RATE		1,797,592	0.271528	488,097	0.5		488,097
18	CHURCH	CAP RATE		627,067	0.166694	104,528	0.1		104,528
19	TOTAL ENE	RGY		1,126,916,760		75,950,817	72.8	···=	75,950,817
20	TOTAL RAT	E D\$ EXCLUDING RIDERS	158,808	1,126,916,760		101,982,182	97.7		101,982,182
21	RIDERS:								
22		SIDE MANAGEMENT RIDER (DSMR)			0.002576	2,902,938	2.8		2,902,938
23		NMENTAL SURCHARGE MECHANISM R	• •		0.000000	0	0.0		C
24		UTION CAPITAL INVESTMENT RIDER (I	DCI)		\$0.00	0	0.0		(
25		JUSTMENT CLAUSE (FAC)			0.001028		_	1,158,470	1,158,470
26		RANSMISSION COST RECOVERY RECO	NCILIATION (FT	R)	0.000000	0	0.0		0
27		SHARING MECHANISM (PSM)			(0.000456)	(513,874)	(0.5)		(513,874
28	TOTAL RIL	DERS				2,389,064	2.3	1,158,470	3,547,534
29	TOTAL RAT	TE DS INCLUDING RIDERS	158,808	1,126,916,760		104,371,246	100.0	1,158,470	105,529,716

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.
 (2) REFLECTS FUEL ADJUSTMENT CLAUSE OF \$0.001028 PER KWH.
 (3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_\_\_\_BASE PERIOD \_\_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

SCHEDULE M-2.3 PAGE 4 OF 20 WITNESS: B. L. SAILERS

PROPOSED ANNUALIZED

-ine No.	RATE CODE (A)	CLASS / OESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES <i>(E)</i>	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) <i>(H)</i>	PROPOSED TOTAL REVENUE (F + H) (I)
2	DT-PRI TIME ( SUMMER: CUSTOMER CH	DF DAY PRIMARY		(КШКШН)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(3)
4	PRIMARY VOL		148		\$465.00	68,820	0.2		68,820
	TOTAL CUSTON DEMAND CHAR		148			68,820	0.2		68,820
7 8	ON PEAK KW OFF PEAK KW		-	329,055 16,487	\$14,39 \$1,30	4,735,101 21,433	13.4 0.1		4,735,101 21,433
9	SUB-TOTAL		_	345,542		4,756,534	13.5		4,756,534
10 11 12	PRIMARY SERV FIRST 1000 ADDITIONAL	ĸw		131,070 214,474	(\$0.73) (\$0.56)	(95,681) (120,105)	(0.3) (0.3)		(95,691) (120,105)
13	TOTAL DEMAN	D	-	345,544	(00.00)	4,540,748	12.9		4,540,748
15 16	ON PEAK KWH	1		50,128,540 126,703,003	0.049875 0.040844	2,500,161 5,175,057	7.1 14.6		2,500,161 5,175,057
17	TOTAL SUMME	R	148	176,831,543		12,284,786	34.8		12,284,786
	WINTER: CUSTOMER CH PRIMARY VOL		296		\$465.00	137,640	0.4		137,640
	TOTAL CUSTON		296			137,640	0,4		137,640
23 24	ON PEAK KW OFF PEAK KW			616,258 41,942	\$13.62 \$1.30	8,393,434 54,525	23,8 0,2	=	8,393,434 54,525
	SUB-TOTAL PRIMARY SERV	. DIS.	-	658,200		8,447,959	24.0		8,447,959
27 28	FIRST 1000 ADDITIONAI		-	272,457 385,743	(\$0.73) (\$0.56)	(198,894) (216,016)	(0.6) (0.6)		(198,894) (216,016)
	TOTAL DEMAN		-	658,200		8,033,049	22.8		8,033,049
31 32	ON PEAK KWI OFF PEAK KW			88,637,348 234,392,921	0.047612 0.040844	4,220,201 9,573,544	12.0		4,220,201 9,573,544
33	TOTAL WINTER	2	296	323,030,269		21,964,434	62.2		21,964,434
34	TOTAL RATE I	DT PRIMARY EXCLUDING RIDERS		499,861,812		34,249,220	97.0		34,249,220
35 36 37 38	ENVIRONM	DE MANAGEMENT RIDER (DSMR) ENTAL SURCHARGE MECHANISM F ON CAPITAL INVESTMENT RIDER (I			0,002576 0,000000 0.00	1,287,644 D 0	3.6 0.0 0.0		1,287,644 0 0
39 40	FERC TRAN	STMENT CLAUSE (FAC) SMISSION COST RECOVERY RECO	NCILIATION (F	TR)	0.001028	0	0.0	513,858	513,858 0
41 42	PROFIT SHA	ARING MECHANISM (PSM) S			(0.000456)	(227,937) 1,059,707	(0.6)	513,858	(227,937) 1,573,565
		- DT PRIMARY INCLUDING RIDERS	444			35,308,927	100.0		35,822,785

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0,001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_\_\_ BASE PERIOD \_\_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

SCHEDULE M-2,3 PAGE 5 OF 20 WITNESS: B. L. SAILERS

PROPOSED ANNUALIZED

.INE NO.	RATE CODE <i>(A</i> )	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)
	DT-SEC TIME OF SUMMER:	DAY SECONDARY		(KW/KWH)	(\$/KWH)/ (\$/KW)	(\$)	(%)	(\$)	(3)
_	CUSTOMER CHAR	GE:							
4	SINGLE PHASE		0		\$200.00	0	0.0		a
5	THREE PHASE		596		\$400.00	238,400	0.4		238,400
6	TOTAL CUSTOMER	R CHARGE	596			238,400	0.4		238,400
7	DEMAND CHARGE								
8	ON PEAK KW			525,300	\$14.39	7,559,067	14.3		7,559,067
9	OFF PEAK KW		-	12,144	\$1.30	15,787	0.0		15,787
10	TOTAL DEMAND		_	537,444		7,574,854	14.3		7,574,854
11	ENERGY CHARGE	(3):							
12	ON PEAK KWH			77,233,253	0.049875	3,852,008	7.3		3,852,008
13	OFF PEAK KWH		<u></u> .	169,204,670	0.040844	6,910,996	13.0		6,910,996
14	TOTAL SUMMER		596	246,437,923		18,576,258	35.0		18,576,258
15	WINTER:								
16	CUSTOMER CHAR	GE:							
17	SINGLE PHASE		0		\$200.00	0	0.0		a
18	THREE PHASE		1,197		\$400.00	478,800	0.9_		478,800
19	TOTAL CUSTOMER	RCHARGE	1,197			478,800	0.9		478,800
20	DEMAND CHARGE	:							
21	ON PEAK KW			975,930	\$13.62	13,292,167	25,0		13,292,167
22	OFF PEAK KW		_	23,138	\$1.30	30,079	0.1	<u> </u>	30,079
23	TOTAL DEMAND		-	999,068		13,322,246	25.1		13,322,246
24	ENERGY CHARGE	(3):							
25	ON PEAK KWH			135,580,380	0.047612	6,455,253	12.2		6,455,253
26	OFF PEAK KWH			310,922,787	0.040844	12,699,330	24.0		12,699,330
27	TOTAL WINTER		1,197	446,503,167		32,955,629	62.2		32,955,629
28	TOTAL RATE DT	SECONDARY EXCLUDING RIDERS	1,793	692,941,090		51,531,887	97.2		51,531,887
29	RIDERS:								
30	DEMAND SIDE MANAGEMENT RIDER (DSMR)				0.002576	1,785,016	3.4		1,785,016
31	ENVIRONMENTAL SURCHARGE MECHANISM RIDER (ESM)				0.000000	0	0.0		0
32	DISTRIBUTION CAPITAL INVESTMENT RIDER (DCI)				0.00	0	0.0	740.045	0
33 34	FUEL ADJUSTMENT CLAUSE (FAC) FERC TRANSMISSION COST RECOVERY RECONCILIATION (FTR)				0.001028 0.000000	0	0.0	712,343	712,343
34 35	PROFIT SHARING MECHANISM (PSM)				(0.000456)	(315,981)	(0.6)		(315,981
36	TOTAL RIDERS				(	1,469,035	2.8	712,343	2,181,378
37	TOTAL RATE DT S	SECONDARY INCLUDING RIDERS	1,793	692,941,090		53,000,922	100.0	712,343	53,713,265

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

DATA: \_\_\_\_\_BASE PERIOD \_\_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

# PROPOSED ANNUALIZED

LINE NO.	RATE CODE <i>(A)</i>	CLASS / DESCRIPTION <i>(B)</i>	CUSTOMER BILLS(1) <i>(C)</i>	SALES (D)	PROPOSED RATES <i>(E)</i>	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) <i>(H)</i>	PROPOSED TOTAL REVENUE (F + H) (I)
 1 2	ЕН	OPTIONAL RATE FOR ELEC. SPACE HEATING		(KW/KWH)	(\$/KWH) (\$/KW)	(\$)	(%)	(\$)	(\$)
3	custo	MER CHARGE:							
4	SINGL	E PHASE	112		\$17.14	1,920	0.3		1,920
5	THRE	E PHASE	392		\$34.28	13,438	1.8		13,438
6	PRIMA	RY VOLTAGE	0		\$118.78	0	0.0		0
7	TOTAL	CUSTOMER CHARGE	504			15,358	2.1	<del></del>	15,358
•		ID CHARGE:							
9	ALL K	W	-	39,432	\$0.00	0	0.0		0
10	ENERG	Y CHARGE (3):							
11	ALL K			9,862,331	0.069947	689,840	95.0		689,840
12		L RATE EH EXCLUDING RIDERS	504	9,862,331		705,198	97.1		705,198
13	RIDERS	S:							
14		AND SIDE MANAGEMENT RIDER (D	SMR)		0.002576	25,405	3.5		25,405
15		RONMENTAL SURCHARGE MECHA		SM)	0.000000	0	0.0		0
16	DIST	RIBUTION CAPITAL INVESTMENT R	IDER (DCI)	,	0.000000	0	0.0		0
17	FUEI	_ ADJUSTMENT CLAUSE (FAC)			0.001028		0.0	10,138	10,138
18	FER	C TRANSMISSION COST RECOVERY	RECONCILIATI	ON (FTR)	0.000000	0	0.0		0
19	PRO	FIT SHARING MECHANISM (PSM)			(0.000456)	(4,497)	(0.6)		(4,497)
20	ΤΟΤΑΙ	L RIDERS				20,908	2.9	10,138	31,046
21	τοτ	AL RATE EH INCLUDING RIDERS	504	<b>9</b> ,862,331		726,106	100.0	10,138	736,244

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

SCHEDULE M-2.3 PAGE 6 OF 20 WITNESS: B. L. SAILERS

OATA: \_\_\_\_BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S): 12 Months Projected with Riders 12 Months Projected with Riders

SCHEDULE M-2.3 PAGE 7 OF 20 WITNESS: B. L. SAILERS

#### PROPOSED ANNUALIZED

	RATE CODE (A)	CLASS / DESCRIPTION (8)	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) <i>(H)</i>	PROPOSED TOTAL REVENUE (F + H) (I)
			·····	(КѠН)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
1	SP SEAS	ONAL SPORTS SERVICE							
2	MINIMUM BILL	LS (4)	0			0	0,0		0
3	CUSTOMER C	HARGE	180		\$17.14	3,085	9.5		3,085
	ENERGY CHA			<b>6</b> 70 ( ) (		00.744			
5	ALL CONSU			269,414	0.106568	28,711	88.7		28,711
6	TOTAL RATE	SP EXCLUDING RIDERS	180	269,414		31,796	98.2		31,796
-	RIDERS:								
8		SIDE MANAGEMENT RIDER (DSM	•		0.002576	694	2.2		694
9 10		MENTAL SURCHARGE MECHANIS			0.000000	0	0.0 0.0		0
11		TION CAPITAL INVESTMENT RIDE USTMENT CLAUSE (FAC)			0.001028	0	0.0	277	277
12		NSMISSION COST RECOVERY RI	ECONCILIATION (FTR)	1	0.000000	0	0.0	2.11	2,,
13		ARING MECHANISM (PSM)			(0.000456)	(123)	(0.4)		(123)
14	TOTAL RIDE	RS				571	1.8	277	848
15	TOTAL RATE	SP INCLUDING RIDERS		269,414		32,367	100,0	277	32,644
16	GS-FL SMAL	L FIXED LOADS							
17	MINIMUM BILL	LS	540		\$3.14	1,695	0.2		1,696
18	BASE RATE (3	3):							
19		E 540 TO 720 HRS		12,244	0.092698	1,135	0.2		1,135
20	LOAD RANG	E LESS THAN 540 HRS		6,251,878	0.106767	667,494	97.6	=	667,494
21	TOTAL RATE	GS-FL EXCLUDING RIDERS	540	6,264,122		670,325	98.1		670,325
22	RIDERS:								
23		SIDE MANAGEMENT RIDER (DSM	•		0.002576	16,135	2.3		16,136
24 25		MENTAL SURCHARGE MECHANIS TION CAPITAL INVESTMENT RIDI			0.000000 0.000000	0	0.0 0.0		0
25 26		USTMENT CLAUSE (FAC)	-1 (20)		0.001028	Ū	0.0	6,440	6,440
27		NSMISSION COST RECOVERY R	ECONCILIATION (FTR)	)	0.000000	0	0.0		0
28	PROFIT SH	ARING MECHANISM (PSM)			(0.000456)	(2,856)	(0.4)		(2,856)
29	TOTAL RIDE	RS				13,280	1.9	6,440	19,720
30	TDTAL RATE	GS-FL INCLUDING RIDERS	540	6,264,122		683,605	100.0	6,440	690,045

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0,001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

(4) 1.5% OF INSTALLED TRANSFORMER AMD METERING COSTS BUT NOT LESS THAN CUSTOMER CHARGE WHETHER SERVICE IS ON OR DISCONNECTED.

DATA: \_\_\_\_ BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_\_UPDATED \_\_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders SCHEDULE M-2.3 PAGE 8 OF 20 WITNESS: B. L. SAILERS

# PROPOSED ANNUALIZED

LINE NO.	RATE CLASS / CODE DESCRIPTION (A) (B)	CUSTOMER I BILLS(1) (C)	SALES (D)	PROPOSED RATES <i>(E)</i>	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) <i>(H)</i>	PROPOSED TOTAL REVENUE (F + H) (I)
1 2	DP SERVICE AT PRIMARY DISTRIBUTION VOLTAGE		(KW/KWH)	(\$/KWH) (\$/KW)	(\$)	(%)	(\$)	(\$)
3	CUSTOMER CHARGE:							
4	LOAD MANAGEMENT RIDER	24		\$5.00	120	0.0		120
5	PRIMARY VOLTAGE	120		\$118.78	14,254	1.3		14,254
6	TOTAL CUSTOMER CHARGE	120			14,374	1.3		14,374
•	DEMAND CHARGE:				005 704			005 704
8	ALL KW		35,212	\$8.40	295,781	26.7		295,781
9	TOTAL DEMAND	-	35,212		295,781	26.7		295,781
	ENERGY CHARGE (3):							
11	FIRST 300KWH/KW		10,138,574	0.060595 0.051267	614,347 150,371	55.4 13.6		614,347 150,371
12 13	ADDITIONAL KWH CAP RATE KWH		2,933,092 21,244	0.051267	6,080	0.5		6,080
13	TOTAL ENERGY	-	13,092,910	0.200100	770,798	69.5		770,798
15		ERS120	13,092,910		1,080,953	97.5		1,080,953
16	RIDERS:							
17	DEMAND SIDE MANAGEMENT R	IDER (DSMR)		0.002576	33,727	3.0		33,727
18	ENVIRONMENTAL SURCHARGE			0.000000	0	0.0		C
19		• •		0.00	0	0.0	10.400	)
20	FUEL ADJUSTMENT CLAUSE (FA FERC TRANSMISSION COST RE		TD)	0.001028 0.000000	D	0.0	13,460	13,460 (
21 22	PROFIT SHARING MECHANISM (	•	- 113	(0.000456)	(5,970)	(0.5)		(5,970
23	TOTAL RIDERS	· ,		. ,	27,757	2.5	13,460	41,217
24	TOTAL RATE DP INCLUDING RIDE	<b>RS</b> 120	13,092,910		1,108,710	100.0	13,460	1,122,170

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(2) DEELECTO ENEL COST DECOVERY MOLUDED IN DARE DATED OF #0 000007 DED WHAT

DATA: \_\_\_\_\_BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S): 12 Months Projected with Riders 12 Months Projected with Riders

SCHEDULE M-2.3 PAGE 9 OF 20 WITNESS: B. L. SAILERS

#### PROPOSED ANNUALIZED

	RATE	CLASS /	CUSTOMER		PROPOSED	PROPOSED REVENUE LESS FUEL COST	FUEL COST	FUEL COST	PROPOSED TOTAL REVENUE
NO.	CODE (A)	DESCRIPTION (B)	BILLS(1) <i>(</i> C)	SALES (D)	RATES (E)	REVENUE	REVENUE	REVENUE (2)	(F + H)
	(A)	0/	<u>(v)</u>	( <i>KW/KWH</i> )	(\$/KWH)/	(F) (\$)	(G) (%)	(H) (\$)	() (\$)
	TT TIME OF I SUMMER:	DAY		[/(10/11/1)	(S/KW)	(*)	(70)	(3)	(*)
	CUSTOMER CHAI	RGE	52		\$500.00	26,000	0.2		26,000
	DEMAND CHARG	E:							
5	ON PEAK KW			159,265	\$8.46	1,347,382	9.7		1,347,382
6	OFF PEAK KW		-	6,612	\$1.28	8,463	0.1		8,463
7	TOTAL DEMAND		-	165,877		1,355,845	9.8		1,35 <u>5,84</u> 5
	ENERGY CHARG	E (3):				4 075 000			
9 10	ON PEAK KWH OFF PEAK KWH			25,255,595	0.054454 0.044594	1,375,268 2,029,482	9.9 14.6		1,375,268
	TOTAL ENERGY			45,510,201 70,765,796	0.044094	3,404,750	24.5		2,029,482
	TOTAL SUMMER		52	70,765,796		4,786,595	34.3		4,786,595
17	WINTER:				•		· · · · · · · · · · · · · · · · · · ·		
	CUSTOMER CHAI	RGE	104		\$500.00	52,000	0.4		52,000
15	DEMAND CHARG	E:							
16	ON PEAK KW			323,931	\$6.95	2,251,320	16.2		2,251,320
17	OFF PEAK KW		-	11,592	\$1.28	14,838	0.1		14,838
18	TOTAL DEMAND		-	335,523		2,266,158	16,3		2,266,158
	ENERGY CHARG	E (3):		50 000 077	0.054000	2 647 460	19.0		0.047.458
20 21	ON PEAK KWH OFF PEAK KWH			50,923,377 95,063,963	0.051983 0.044594	2,647,150 4,239,282	30.4		2,647,150 4,239,282
	TOTAL ENERGY			145,987,340	0.044004	6,886,432	49.4	•••••••••••••••••••••••••••••••••••••••	6,886,432
23	TOTAL WINTER			145,987,340		9,204,590	66.1		9,204,590
23		EXCLUDING RIDERS		216,753,136		13,991,185	100.4		13,991,185
25	RIDERS:	MANAGEMENT RIDER (DSMR)			0.000183	39,666	0.3		39,666
27		TAL SURCHARGE MECHANISM	RIDER (ESM)		0.000000	0	0.0		00,000
28		MENT CLAUSE (FAC)			0.001028			222,822	222,822
29		MISSION COST RECOVERY REC	ONCILIATION (F	TR)	0.000000	0	0,0		0
30	PROFIT SHAR	ING MECHANISM (PSM)			(0.000456)	(98,839)	(0.7)		(98,839
31	TOTAL RIDERS					(59,173)	(0.4)	222,822	163,649
32	TOTAL RATE TT	NCLUDING RIDERS	156	216,753,136		13,932,012	100.0	222,822	14,154,834
									· · · · · · · · · · · · · · · · · · ·

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_\_\_\_BASE PERIOD \_\_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_\_REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

# PROPOSED ANNUALIZED

LINE NO.	RATE CODE <i>(A)</i>	CLASS / DESCRIPTION <i>(B)</i>	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE <i>(F)</i>	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE <i>(H)</i>	PROPOSED TOTAL REVENUE (F + H) (I)
	<u></u>			(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
1		TIME OF DAY SERVICE AT SECONDARY							
2	1	DISTRIBUTION VOLTAGE							
3	CUSTOM	ER CHARGE:							
4	BILLS (I	Real-Time Pricing)	24		\$183.00	4,392	2.5		4,392
5	TOTAL C	USTOMER CHARGE				4,392	2.5		4,392
6	ENERGY	CHARGE:							
7	ALL KW	/H		4,181,575	0.015412	64,446	36.0		64,446
8	ANCILL	ARY SERVICES		4,181,575	0.000000	0	0.0		0
9	соммо	DITY CHARGES	_	4,181,575	0.024280	101,529	56.6	0	101,529
10	TOTAL E	NERGY		4,181,575		165,975	92.6	0	165,975
11	TOTAL I	RATE DT RTP SECONDARY EXCLUDING RIDERS	24	4,181,575		170,367	95.1	0	170,367
12	RIDERS:								
13	DEMA	ND SIDE MANAGEMENT RIDER (DSMR)			0.002576	10,772	6.0		10,772
14	ENVIR	ONMENTAL SURCHARGE MECHANISM RIDER (ES	M)		0.000000	0	0.0		0
15		BUTION CAPITAL INVESTMENT RIDER (DCI)		0	0.00	0	0.0		0
16		TRANSMISSION COST RECOVERY RECONCILIATION	ON (FTR)		0.000000	0	0.0		0
17	PROFI	T SHARING MECHANISM (PSM)			(0.000456)	(1,907)	(1.1)		(1,907)
18	TOTAL I	RIDERS				8,865	4.9	0	8,865
19	TOTAL R	RATE DT RTP SECONDARY INCLUDING RIDERS	24	4,181,575		179,232	100.0	0	179,232

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

SCHEDULE M-2.3 PAGE 10 OF 20 WITNESS: B. L. SAILERS

SCHEDULE M-2.3

PAGE 11 OF 20

WITNESS:

**B. L. SAILERS** 

DATA: \_\_\_\_\_BASE PERIOD \_\_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_\_REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

# PROPOSED ANNUALIZED

LIN <i>E</i> NO.	RATE CODE <i>(A)</i>	DESCRIPTION	CUSTOMER BILLS(1)	SALES	PROPOSED RATES	PROPOSED REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	FUEL COST REVENUE	PROPOSED TOTAL REVENUE (F + H)
	(4)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
	DS RTP	SERVICE AT SECONDARY							
2		DISTRIBUTION VOLTAGE							
3	CUSTOM	ER CHARGE:							
4	BILLS (F	Real-Time Pricing)	36		\$183.00	6,588	22.8		6,588
5	TOTAL C	USTOMER CHARGE				6,588	22.8		6,588
c	ENERGY								
0 7				304,820	0.015412	4,698	16.3		4,698
8				304, <b>8</b> 20	0.000000	4,090	0.0		4,098
9		DITY CHARGES		304,820	0.055529	16,926	58.7	0	16,926
10	TOTAL EI	IERGY		304,820		21,624	74.9	0	21,624
11	TOTAL F	RATE DS RTP EXCLUDING RIDERS	36	304,820		28,212	97.7	0	28,212
12	RIDERS:								
13	DEMAN	ID SIDE MANAGEMENT RIDER (DSMR)			0.002576	785	2.7		785
14	ENVIRO	ONMENTAL SURCHARGE MECHANISM RIDER (	(ESM)		0.000000	0	0.0		0
15	DISTRI	BUTION CAPITAL INVESTMENT RIDER (DCI)		0	0.00	0	0.0		0
16	FERC 1	RANSMISSION COST RECOVERY RECONCILIA	ATION (FTR)		0.000000	0	0.0		0
17	PROFIT	SHARING MECHANISM (PSM)			(0.000456)	(139)	(0.5)		(139)
18	TOTAL F	RIDERS				646	2.3	0	
19	TOTAL F	RATE DS RTP INCLUDING RIDERS	36	304,820		28,858	100.0	0	28,858

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DATA: \_\_\_\_\_BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_\_REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders 12 Months Projected with Riders

# PROPOSED ANNUALIZED

LINE NO.	RATE CODE <i>(A)</i>	CLASS / DESCRIPTION <i>(B)</i>	CUSTOMER BILLS(1) (C)	SALES <i>(D)</i>	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE <i>(F)</i>	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE <i>(H)</i>	PROPOSED TOTAL REVENUE (F + H) (I)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
1 2	TT RTP	TIME OF DAY SERVICE AT TRANSMISSION VOLTAGE							
. 3	CUSTOM	ER CHARGE:							
4	BILLS	Real-Time Pricing)	24		\$183.00	4,392	0.9		4,392
5	TOTAL C	USTOMER CHARGE		•		4,392	0.9		4,392
6	ENERGY	CHARGE:							
7	ALL KW			13,080,334	0.006472	84,656	18.1		84,656
8	ANCILL	ARY SERVICES		13,080,334	0.000000	0	0.0		0
9	COMMO	DITY CHARGES		13,080,334	0.029268	382,835	81.7	0	382,835
10	TOTAL E	NERGY		13,080,334		467,491	99.8	0	467,491
11	TOTAL	RATE TT RTP EXCLUDING RIDERS	24	13,080,334		471,883	100.8	0	471,883
12	RIDERS:								
13		ND SIDE MANAGEMENT RIDER (DSMR)			0.000183	2,394	0.5		2,394
14		ONMENTAL SURCHARGE MECHANISM RIE	• •		0.000000	0	0.0		0
15		TRANSMISSION COST RECOVERY RECON	CILIATION (FTR)		0.000000	0	0.0		0
16		T SHARING MECHANISM (PSM)			(0.000456)	(5,965)	(1.3)	·	(5,965)
17	TOTAL	RIDERS	<u> </u>			(3,571)	(0.8)		(3,571)
18	TOTAL	RATE TT RTP INCLUDING RIDERS	24	13,080,334		468,312	100.0	0	468,312

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

SCHEDULE M-2.3 PAGE 12 OF 20 WITNESS: B. L. SAILERS

(LEEG THIS SERVICE)	
DATA: BASE PERIODX_FORECASTEO PERIOD	SCHEDULE M-2,3
TYPE OF FILING: _X_ORIGINALUPDATED REVISED	PAGE 13 OF 20
WORK PAPER REFERENCE NO(S).:	WITNESS:
12 Months Projected with Riders	B. L. SAILERS

#### PROPOSED ANNUALIZED

-	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)	(\$)	(%)	(\$)	(5)
	STREET LIGHTING CO OWNED &	& MAINTAINED						
	DISTRIBUTION:							
	VAPOR :							
	MEN	67,685	4,529,255	7.96	538,773	36.0	4,656	543,42
	MEN (OPEN)	61	4,336	6.65	406	0.0	4	41
	MEN (4)	36	2,409	12.82	462	0.0	2	46
	MEN (5)	560	37,473	12.88	7,213	0.5	39	7,25
	MEN (6)	119	7,963	13.86	1,649	0.1	8	1,65
	MEN (8A)	132	8,833	15.80	2,086	0.1	9	2,09
	JMEN	2,199	209,638	9.19	20,209	1.4	216	20,42
	JMEN (5)	7	667	14.11	99	0,0	2	10
	JMEN	9,600	1,431,200	12.30	118,080	7.9	1,471	119,55
	JMEN (5)	132	19,679	17.22	2,273	0.2	20	2,29
	JMEN (6)	132	19,679	18.20	2,402	0,2	20	2,42
	LIDE:							
	JMEN	336	22,484	7.96	2,675	0.2	23	2,69
	JMEN (5)	48	3,212	12.88	618	0.0	3	62
	JMEN (6)	91	6,089	13.86	1,261	0.1	6	1,26
	JMEN (10)	12	803	12.88	155	0,0	1	15
	JMEN	168	16,016	9.19	1,544	0.1	16	1,56
	JMEN (6)	24	2,288	15.09	362	0.0	2	36
	JMEN	0	0	12.30	0	0.0	0	
	POR:	40.000	770 004		400.400	44.5	604	100.07
	MEN	19,202	779,281	8.81	169,170	11.3	801	169,97 79
	MEN (OPEN)	120	4,870	6.61	793	0.1	5 2	65
	MEN (4)	48	1,948	13.67	656	0.0	∠ 29	9,43
	MEN (5)	685	27,800	13.73	9,405	0.6	29	9,43
	MEN (6)	685	27,800	14.71	10,076	0,7	29	3,59
	MEN	372	22,041	9,60	3,571	0.2 0.0	23	3,58
	IMEN (5)	12	711	14.52	174		1	1,66
	IMEN (6)	108	6,399	15.50	1,674	0.1	, 441	68,10
	IMEN	5,435	429,365	12.45	67,666	4.5		62
	MEN (4)	36	2,844	17.31	623	0.0	3	
	IMEN (5)	219	17,301	17.37	3,804	0,3	18 6	3,82
	IMEN (6)	72	5,688	18.35	1,321	0.1 0.0	1	1,32 2 <b>4</b>
	MEN (8)	12	948	20.21	243		4 6	24 1,20
		96	7,584	12.45	1,195	0.1	ы 1	1,20
	IMEN (6)	12	948	18.35	220	0.0	1 1,740	
	IMEN	10,369	1,692,739	16.73	173,473	11.6		175,21
								6,80 14,11
U.	IMEN (5) IMEN (6)	312 619	50,934 101,052		21.65 22.63	21.65 6,755	21.65 6,755 0.5	21.65 6,755 0.5 52

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.	(5) WITH 35' WOOD POLE.	(9) WITH 30' ALUM POLE.
(1A) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0,023837 PER KWH.	(6) WITH 40' WOOD POLE.	(10) WITH 17' FIBERGLASS POLE.
(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.	(7) WITH 12' ALUM POLE.	(11) WITH 12' FIBERGLASS POLE.
(3) WITH 17' WOOD LAMINATED POLE.	(8) WITH 28' ALUM POLE.	(12) WITH 30' FIBERGLASS POLE.
(4) WITH 30' WOOD POLE.	(8A) WITH 28' ALUM POLE HEAVY GAUGE.	(13) WITH 35' FIBERGLASS POLE.

DATA: TYPE ( WORK	DATA:BASE PERIODT Type of filing: original Work paper reference no[s)::	DRECASTED _UPDATED _		(ÉLECTRIC (	SERVICE)	PERICO PERICO REVISED			SCHEDULE M-2.3 PAGE 14 OF 20 WITNESS:
12 Mo	12 Months Projected with Riders	iders		PROPOSED ANNUALIZED	NNUALIZED				B. L. SAILERS
ND,	RATE CODE (A)	CLASS / CLASS / DESCRIPTION (8)	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)
42	SL STREET LI DV <i>ERHEAD DISTRIB</i> I	SL STREET LIGHTING – CO OWNED & MAINTAINEO (CONTO.) ПИЕННЕАР DISTRIBUTION (CONTO ):	(EO (CONT'D.)	(HANN)	(THU2)	હ	દ્વ	Ś	(3)
4	DECORATIVE SODIUM VAPOR	W VAPOR:					:		
<b>4</b>	22,000 LUMEN RECTILINEAR	CTILINEAR CTILINEAR	⇒ tt	0 1,023	10.34	0 162	0.0	ə -	0 163
4	50,000 LUMEN RECTILINEAR 50.000 LUMEN RECTILINEAR (5)	STILINEAR STILINEAR (SI	132 180	21,549 29.385	17.90	2,363	0.2	88	2,385
8	50,000 LUMEN REC	CTILINEAR (6)	•	0	23.80	0	0.0	; - ;	
85	50,000 LUMEN SETBACK 50,000 LUMEN SETBACK (6)	BACK BACK (6)	216 36	35,262 5,877	26.62 32.52	5.750	0.1	99	5,786
22	TOTAL OVERHEAD		120,332	9.595,373		1,178,648	78.8	9,864	1.188.512
55 53	UNOERGROUND DISTRIBUTION: MERCURY VAPOR:	TRIBUTION:							
55	7,000 LUMEN		60	4,370	8.10	486	0.0	•	490
55	7,000 LUMÉN (OPEN) 7,000 LUMÉN (AN	EN]	0 00	002.57	6,65 4 2 0 6	0	0.0	0 2	0 10 10
5 8	7.000 LUMEN (5)		12	874	13.02	156	0.0	ç <del>-</del>	157
5	7,000 LUMEN (8)		350	26,220	15,86	5,710	0.4	27	5.737
	10,000 LUMEN [4]		9 7 87 0	8,505,8	9.33	1.194	0.0	50	1,203
	10,000 LUMEN (8)		156	15,795	17.11	2,669	02	8E 4	2,685
83	21,000 LUMEN 21,000 LUMÉN (8)		96 132	15,312 21,054	12.59 20.35	1,209	0.2	52 23	1,225
	METAL HALIDE:		c	c	• 1	c	đ	c	
	20,500 LUMEN			• •	9,35	) G	0.0	, o	
89	36,000 LUMEN		•	•	12.59		0.0	o	
6 2	9,500 LUMEN		•	0	8.81		0.0	a	
7	9,500 LUMEN (6)		24	974 23 862	14,71	353	0.0	- 4	354
22	9,500 LUMEN (10)		24	974	13.73	330	00	; <del>-</del>	331
23	9,500 LUMEN (13)		12	487	18.43 e 70	221	0.0	- c	222
C 22	16,000 LUMEN COTEN			• •	9.57		0.0		
5	16,000 LUMEN (6)		52	1,481	15.47	387	0.0	2	369
B2 52	22,000 LUMEN 22,000 LUMEN 15)		228	4,74D	12.45	2,839	0.1	5 2	2,858
80	22,000 LUMEN (8)		528	41,712	20.21	10,671	0.7	43	10,714
5	22,000 LUMEN (8A)		48	3,792	20.29	974	0.0	₹ ⊂	5
83	27,500 LUMEN (9)		252	19,908	27,96	7,046	0.5	20	7,066
84	50,000 LUMEN		336	54,852	16.73	5,621	04	56	5,677
88 8	50,000 LUMEN (8)		2	11,754	24,49	1,763		57 F2	1.775
8	DECORATIVE MERCL	JRY VAPOR:	761	6thc 17	22.24	007't	2	7	7
88	7,000 LUMEN TOWN & COUNTRY	N & COUNTRY	0	•	8.37		00	•	
68	7,000 LUMEN TOWN & COUNTRY (3) 7 000 LUMEN TOWN & COUNTRY (40)	LE COUNTRY (3) LE COUNTRY (40)	216 5.859	15,354	13.29	2,871	6.2	16 410	2,887 78,687
3 5	7,000 LUMEN TOWN & COUNTR 7,000 LUMEN HOLOPHANE	PHANE	54 24	1,748	10.52	252	0.0	8	254
92	7,000 LUMEN HOLO	PHANE (10)	1,909	139,039	15.44	29,475	2.0	143	29.618
83	7,000 LUMEN GAS REPLICA (7)	REPLICA (7)	36	0°6,992	37.43 8.46	3,593	0.0	~ c	3,600
5	7,000 LUMEN GRANVILLE	14111E (7)	• •	> -	21.85	0	0.0		
26	7,000 LUMEN ASPEN	N	5 Y	1,748	15.23	366	00	2	366
the (t	ese houres represe	(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLEO.			um .se hlinn (si	(s) MITH 35' WOOD POLE.		(ה) אענא 30. ארמע הסרב	OLE
4 A V	EFLECTS FUEL COST R	(14) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWN. Di presente fuel controment de en annos ded fram	5 DF \$0.023837		(6) WITH 40" W	200 POLE		(10) WITH 17 FIBERGLASS POLE.	GLASS POLE.
(2) KE	FLECTS FUEL CUMPUN				TH TE NIM (U)			(11) WITH 12" FIBERGLASS POLE.	GLASS POLE.

PROPOSED ANNUALIZED

DATA: \_\_\_\_BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(\$).:

12 Months Projected with Riders

SCHEDULE M-2.3 PAGE 15 OF 20 WITNESS: B. L. SAILERS

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES	PROPOSED RATES(1A) (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (2) 	PROPOSED TOTAL REVENUE (F+H) (I)
				(KWH)	(\$/UNIT)	(\$)	(%)	(8)	(8)
		REET LIGHTING CO OWNED &	MAINTAINED (CONT'D.)						
		ID DISTRIBUTION (CONT'D.):							
		METAL HALIDE:		_		_			
100		TRADITIONAIRE	0	0	8.37	0	0.0	0	
101		TRADITIONAIRE (7)	60	4,265	21.76 13.29	1,306	0,1	4	1,31
102 103	14,000 LUMEN 14,000 LUMEN	TRADITIONAIRE (10)	468 0	33,267 0	15.23	6,220 0	0,4 0,0	34 0	6,25
103		GRANVILLE (11)	0	0	29,63	0	0.0	0	
105	14,000 LUMEN		0	0	24.13	a	0.0	0	
106	14,500 LUMEN		0	ő	24.13	0	0,0	ő	i
107		GAS REPLICA (7)	240	17,480	37,52	9,005	0.6	18	9.02
108		GAS REPLICA (10)	60	4,370	29.05	1,743	0,1	4	1,74
109	DECORATIVES	SODIUM VAPOR:							
110		TOWN & COUNTRY	98	3,977	12.23	1,199	0.1	4	1,200
111		TOWN & COUNTRY (10)	1896	76,946	17.15	32,516	2.2	79	32,59
112	9,500 LUMEN		576	25,536	13.25	7,632	0.5	26	7,658
113		HOLOPHANE (10)	312	13,832	18.17	5,669	0.4	14	5,68
114		GAS REPLICA (7)	132	5,852	38.30	5,056	0.3	6	5,062
115		GAS REPLICA (10)	12	532	29.83	358	0.0	1	35
116		GAS REPLICA (11)	312	13,832 39,368	39.31	12,265 13,702	0.8 0,9	14 40	12,27 13,74
117	9,500 LUMEN		888 D	39,368 D	15.43 12.23	13,702	0.9	40	13,74.
118 119		TRADITIONAIRE TRADITIONAIRE (10)	696	28,246	17.15	11,936	0,0	29	11,965
120	9,500 LUMEN		035	20,240	15.43	0	0.0	29	
121		GRANVILLE (7)	0	0	28.82	ŏ	0.0	ő	ő
122		GRANVILLE (10)	ů 0	ŏ	20.35	ŏ	0,0	ŏ	č
123		GRANVILLE (11)	ō	ō	29.83	ŏ	0.0	0	Ċ
124		RECTILINEAR	ō	ō	13.59	ō	0.0	Ō	Ċ
125		RECTILINEAR (12)	169	14,407	22.97	3,882	0.3	15	3,897
126	50,000 LUME!	RECTILINEAR	0	0	17.97	0	0.0	0	(
127	50,000 LUME	NRECTILINEAR (12)	36	5,877	27.35	985	0.1	6	991
128	50,000 LUME/	RECTILINEAR (13)	204	33,303	27.59	5,628	0.4	34	5,662
129	50,000 LUMEN	SETBACK		0	26.62	0	0.0	0	(
	TOTAL UNDER		18,145	1,244,438		301,043	20.1	1,279	302,322
		NCLUDED IN RATES ABOVE (\$ F MENTAL SURCHARGE MECHANI			0.000000	0	0,0		ć
132									
133	DISTRIBUT	TION CAPITAL INVESTMENT RID	ER (DCI)		0.000000	0	0.0		0
134	FERC TRA	NSMISSION COST RECOVERY F	RECONCILIATION (FTR)		0.000000	0	0.0		C
135		ARING MECHANISM (PSM)			(0.000456)	(4,943)	(0.3)		(4.943
136	TOTAL RIDER	IS NOT INCLUDED IN RATES AB	OVE			(4,943)	(0.3)		(4,943
	ADD'L FACILIT	IES CHARGE:							c 07
138	OVERHEAD		5,647		0.58	3,275	0.2		3,27
139	UNDERGRO		20,991		0.84	17,632	1.2		17.632
140		FACILITIES CHG		10.020.011		20,907	1.4		20,907
141	TOTAL RATE S	L INCLUDING RIDERS	138,477	10,839,811		1,495,655	100.0	11,143	1,506,798
(1A) R (2) RE (2) W1	EFLECTS FUEL (		SE RATES OF \$0,023837	PER KWH.	(5) WITH 35' M (6) WITH 40' M (7) WITH 12' A (8) WITH 28' A (8A) WITH 28'	1000 POLE. LUM POLE.		(9) WITH 30' ALUM PG (10) WITH 17' FIBERG (11) WITH 12' FIBERG (12) WITH 30' FIBERG (13) WITH 35' FIBERG	LASS POLE. LASS POLE. LASS POLE,

PROPOSED ANNUALIZED

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 16 OF 20 WITNESS: B, L. SAILERS

	RATE CODE (A)	CLASS / DESCRIPTION <i>(B)</i>	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)
1 2	TL T	RAFFIC LIGHTING SERVICE		(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)
		RE COMPANY S ENERGY ONLY (3):							
5	ALL CO	NSUMPTION	76,092	681,336	<b>0.0425</b> 90	29,018	36.9	700	29,718
7 8 9	SUPPLIE SEPARA	RE COMPANY S ENERGY FROM A TELY METERED SOURCE IVIDES LIMITED ANCE:							
11	ALL CO	NSUMPTION	0	0	0.023583	0	0.0	0	0
13 14	SUPPLIE PROVIDE	RE COMPANY S ENERGY AND 'S LIMITED 'ANCE (3):							
16	ALL CO	NSUMPTION	18,876	758,460	0.066174	50,190	63.9	780	50,970
17	TOTAL	RATE TL EXCLUDING RIDERS	94,968	1,439,796		79,208	100.8	1,480	80,688
18	RIDERS I	NOT INCLUDED IN RATES ABOVE:							
19	ENVIR	ONMENTAL SURCHARGE MECHANISM	I RIDER (ESM)		0.000000	0	0.0		0
20	DISTR	IBUTION CAPITAL INVESTMENT RIDEF	(DCI)		0.000000	0	0.0		0
21	FERC	TRANSMISSION COST RECOVERY REC	CONCILIATION (FTR)		0.000000	0	0.0		0
22		T SHARING MECHANISM (PSM)			(0.000456)	(657)	(0.8)		(657)
23	TOTAL	RIDERS NOT INCLUDED IN RATES ABO	DVE			(657)	(0.8)		(657)
24		RATE TL INCLUDING RIDERS	94,968	1,4 <b>3</b> 9,796		78,551	100.0	1,480	80,031

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

IN DEEL COTO ELIEL COOT DECOVEDV INCLUIDED IN BASE DATES OF 10 000007 DED KINU

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 20 WITNESS: B. L. SAILERS

# PROPOSED ANNUALIZED

			· · · · · · · · · · · · · · · · · · ·			PROPOSED	% OF REV TO		PROPOSED
						REVENUE LESS	TOTAL LESS		TOTAL
LINE	RATE	CLASS /	CUSTOMER		PROPOSED	FUEL COST	FUEL COST	FUEL COST	REVENUE
NO.	CODE	DESCRIPTION	BILLS(1)	SALES	RATES(3)	REVENUE	REVENUE	REVENUE (2)	(F + H)
	(A)	(B)	(C)	(D)	<u>(E)</u>	<u>(F)</u>	<u>(G)</u>	(H)	(1)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(\$)

# 1 UOLS UNMETERED OUTDOOR LIGHTING SERV

2 BASE RATE	91,004 5	5,388,585	0.041936	225,976	101.1	5,539	231,515
3 RIDERS NOT INCLUDED IN RATES ABOVE:							
4 ENVIRONMENTAL SURCHARGE MECHANISM R	IDER (ESM)		0.000000	0	0.0		0
5 DISTRIBUTION CAPITAL INVESTMENT RIDER (I	DCI)		0.000000	0	0.0		0
6 FERC TRANSMISSION COST RECOVERY RECO	NCILIATION (FTR)		0.000000	0	0.0		0
7 PROFIT SHARING MECHANISM (PSM)			(0.000456)	(2,457)	(1.1)		(2 <u>,457)</u>
8 TOTAL RIDERS NOT INCLUDED IN RATES ABOV	E			(2,457)	(1.1)		(2,457)
9 TOTAL RATE UOLS INCLUDING RIDERS	91,004 5	5,388,585		223,519	100.0	5,539	229,058

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

(3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_\_\_\_BASE PERIOD \_\_\_X\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_\_ORIGINAL \_\_\_UPDATED \_\_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders

# PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	PROPOSED RATES(3)	PROPOSED REVENUE LESS FUEL COST REVENUE	FUEL COST REVENUE	FUEL COST REVENUE (2)	PROPOSED TOTAL REVENUE (F + H)
	<u>(A)</u>	<u>(B)</u>	(C)	(D)	<u>(E)</u>	(F)	(G)	<u>(H)</u>	()
1	NSU NOI	N STANDARD STREET LIGHT UNITS		(KWH)	(\$/UNIT)	(\$)	(%)	(\$)	(\$)
	(А) СОМРА								
3		/ARD INCANDESCENT(UG):		_		_		-	
4		EN SERIES	0	0	10.32	0	0.0	0	0
5			144	9,432	8.01	1,153	1.7	10	1,163
6		HANE DECORATIVE:							
	10,000 LU		372	37,665	18.7 <b>9</b>	6,990	10.1	39	7 000
8		RGLASS POLE LGT UNITS (OH)	372	37,005	10.19	0,990	10.1	29	7,029
10		MEN INDANDESCENT	372	24,366	7.94	2,954	4.3	25	2,979
11		MEN MERCURY VAPOR	7,008	264,552	7.52	52,700	76.4	272	52,972
12	,	MEN MERCURY VAPOR	408	65,076	11.93	4,867	7.1	66	4,933
13	TOTAL CON	MPANY OWNED	8,304	401,091		68,664	99.6	412	69,076
-	.,	MER OWNED WITH LTD MAINT /ARD INCANDESCENT(UG):							
16	2,500 LUM	IEN SERIES	0	0	6.09	0	0.0	0	0
17	2,500 LUM	IEN MULTIPLE	60	3,930	7.74	464	0.7	4	468
18	TOTAL CUS	STOMER OWNED	60	3,930		464	0.7	4	468
19	TOTAL RA	TE NSU EXCLUDING RIDERS	8,364	405,021		69,128	100.3	416	69,544
20	RIDERS NO	T INCLUDED IN RATES ABOVE (\$/KWH):							
21		NMENTAL SURCHARGE MECHANISM RID	ER (ESM)		0.000000	0	0.0		0
22	DISTRIB	UTION CAPITAL INVESTMENT RIDER (DC	l)		0.000000	0	0.0		0
23		ANSMISSION COST RECOVERY RECON	CILIATION (FTR)		0.000000	0	0.0		0
24	PROFIT	SHARING MECHANISM (PSM)			(0.000456)	(185)	(0.3)	·	(185)
25	TOTAL RIL	DERS NOT INCLUDED IN RATES ABOVE				(185)	(0.3)		(185)
26	TOTAL RAT	TE NSU INCLUDING RIDERS	8,364	405,021		68,943	100.0	416	69,359

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

AN BEELECTS FUEL COST BECOVERY MOLUNED WE BASE DATES OF A ANALAS DED WHAT

SCHEDULE M-2.3 PAGE 18 OF 20 WITNESS: B. L. SAILERS

DATA: BASE PERIODX_FORECASTED PERIOD	SCHEDULE M-2,3
TYPE OF FILING: _X_ORIGINALUPDATED REVISED	PAGE 19 OF 20
WORK PAPER REFERENCE NO(S):	WITNESS:
12 Months Projected with Riders	B. L. SAILERS
PROPOSED ANNUALIZED	

INE NO,	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	PROPOSED RATES(3) (E)	PROPOSEO 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)	(S/UNIT)/	(5)	(%)	(\$)	(3)
1		T LIGHTING -			(S/KWH)				
2	CUST OWNED/	LTD MAINT							
3	STANDARD UI	NIT-COBRAHEAD							
4	MERCURY V/	APOR -							
5	7,000 LUMEN	4	0	0	4,69	0	0.0	0	
6	10,000 LUMEN	4	0	0	5.96	0	0.0	0	
7	21,000 LUMEN	1	0	0	8.28	0	0.0	0	
8	METAL HALID	E							
9	14,000 LUMEN	3	0	0	4,69	0	0.0	0	
10	20,500 LUMEN	4	0	0	5,96	0	0.0	0	
11	36,000 LUMEN	•	0	0	8.28	0	0.0	0	
12	SODIUM VAPO	DR							
13	9,500 LUMEN		0	0	5.64	0	0.0	0	
14	16,000 LUMEN	1	0	G	6.29	0	0.0	0	
15	22,000 LUMEN	1	0	0	6.90	0	0.0	0	
16	27,500 LUMEN	1	0	0	6,90	0	0.0	0	
17	50,000 LUMEN	4	0	0	9.35	0	0.0	0	
18	DECORATIVE U	INITS;							
19	7,000 LUMEN	MERCURY VAPOR							
20	HOLOPHANE		0	0	5,95	0	0.0	0	
21	TOWN & COL	INTRY	0	0	5.90	0	0.0	0	:
22	GAS REPLIC/	۹.	0	0	5.95	0	0.0	0	
23	ASPEN		0	0	5.95	0	0.0	0	
24	14,000 LUMEN	METAL HALIDE							
25	TRADITIONAL		0	0	5.90	0	0.0	0	
26	GRANVILLE /	ACORN	0	0	5.95	0	0.0	0	
27	GAS REPLIC	A	0	0	5.95	0	0.0	0	
28		SODIUM VAPOR							
29	TOWN & COL		0	0	5.55	0	0.0	0	
30	TRADITIONAL		0	0	5.55	0	0.0	0	
31	GRANVILLE /		0	0	5.80	0	0.0	0	
32	RECTILINEAR	र	0	0	5.55	0	0.0	0	
33	ASPEN		0	0	5.80	0	0.0	0	
34	HOLOPHANE		0	0	5.80	٥	0.0	B	
35	GAS REPLIC	A	0	0	5.80	C	0.0	0	
36	SODIUM VAPOI	R							
37		N (RECTILINEAR)	0	0	7.32	0	0.0	0	
38	50,000 LUMEI	N (RECTILINEAR)	0	0	9.68	0	0.0	0	
39	CUST OWNED/								
40	ENERGY DNLY		2,054	97,596	0.041936	4,093	101.1	100	4,1
41	TOTAL RATE :	SC EXCLUDING RIDERS	2,054	97,596		4,093	101.1	100	4,1
		CLUDED IN RATES ABOVE (							
43		ENTAL SURCHARGE MECHA			0.000000	٥	0.0		
44		ION CAPITAL INVESTMENT I			0.000000	0	0.0		
45		ISMISSION COST RECOVER	Y RECONCILIATION (F	TR)	0.000000	0	0.0		
46	PROFIT SH	ARING MECHANISM (PSM)			(0.000456)	(45)	(1.1)		
47	TOTAL RIDER.	S NOT INCLUDED IN RATES .	ABOVE			(45)	(1.1)		(
		C INCLUDING RIDERS	2,064	97,596		4,048	100.0	100	4,1

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED. (2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH. (3) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_\_\_\_BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_\_UPDATED \_\_\_\_ REVISED WORK PAPER REFERENCE NO(S).: 12 Months Projected with Riders

SCHEDULE M-2.3 PAGE 20 OF 20 WITNESS: B. L. SAILERS

PROPOSED ANNUALIZED

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1)	SALES	PROPOSED RATES(3)	PROPOSED REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	FUEL COST REVENUE (2)	PROPOSED TOTAL REVENUE (F + H)
	(A)	(B)	(C)	<u>(D)</u>	(E)	(F)	(G)	(H)	( <u>)</u>
1 2		STREET LIGHTING OVERHEAD EQUIVALENT RATE		(KWH)	(\$/UNIT)	(8)	(%)	(\$)	(\$)
3	MERCUR	RY VAPOR 7,000 LUMEN:							
4	TOWN	& COUNTRY	6,816	484,504	8.16	55,619	26.1	497	56,116
5	HOLO	PHANE	2,328	169,556	8.19	19,066	9.0	174	19,240
6	GAS R	EPLICA	696	50,692	8.19	5,700	2.7	52	5,752
7	ASPE		132	9,614	8.19	1,081	0,5	10	1,091
8	METAL	ALIDE 14,000 LUMEN:							
9	TRADI	TIONAIRE	3,144	223,486	8.16	25,655	12.1	230	25,885
10	GRAN	VILLE ACORN	0	0	8.19	0	0,0	0	0
11	GAS R	EPLICA	588	42,826	8.19	4,816	2,3	44	4,860
12	SODIUM	VAPOR 9,500 LUMEN:							
13	TOWN	& COUNTRY	3,192	129,542	8.89	28,377	13.4	133	28,510
15	HOLO	PHANE	2,364	104,804	9.01	21,300	10.0	108	21,408
16	RECTI	LINEAR	972	39,447	8.89	8,641	4.1	41	8,682
17	GAS R	EPLICA	1,272	56,392	9.00	11,448	5.4	58	11,506
19	ASPE	N	2,580	114,380	9.00	23,220	10.9	118	23,338
14	TRADI	TIONAIRE	0	0	8.89	0	0.0	0	0
18	GRAN	VILLE ACORN	156	6,916	9.00	1,404	0.7	7	1,411
20	SODIUM	VAPOR:							
21	22,000	LUMEN (RECTILINEAR)	480	40,920	12.78	6,134	2.9	42	6,176
22	50,000	LUMEN (RECTILINEAR)	24	3,918	16.91	406	0.2	4	410
23	50,000	LUMEN (SETBACK)	0	0	16.91	0	0.0	0	0
24	TOTAL	RATE SE EXCLUDING RIDERS	24,744	1,476,997		212,867	100.3	1,518	214,385
25	RIDERS	NOT INCLUCED IN RATES ABOVE (\$/K	(WH):						
26		RONMENTAL SURCHARGE MECHANIS			0.000000	0	0.0		0
27	DIST	RIBUTION CAPITAL INVESTMENT RIDE	R (DCI)		0.000000	0	0.0		0
28		TRANSMISSION COST RECOVERY RE		)	0.000000	0	0.0		0
29		IT SHARING MECHANISM (PSM)			(0.000456)	(674)	(0.3)		(674)
30	TOTAL	RIDERS NOT INCLUDED IN RATES AB	OVE			(674)	(0.3)		(674)
31	TOTAL	RATE SE INCLUDING RIDERS	24,744	1,476,997		212,193	100.0	1,518	213,711

(1) THESE FIGURES REPRESENT NUMBER OF UNITS BILLED.

(2) REFLECTS FUEL COMPONENT OF \$0.001028 PER KWH.

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Before

KENTUCKY PUBLIC SERVICE COMMISSION

ELECTRIC CASE NO. 2017-00321

IN THE MATTER OF THE APPLICATION OF DUKE ENERGY KENTUCKY FOR AUTHORITY TO INCREASE ITS RATES FOR ELECTRIC SERVICE TO ALL JURISDICTIONAL CONSUMERS

SECTION N

# SECTION N

# TYPICAL BILL COMPARISON

# DUKE ENERGY KENTUCKY

Base Period: Twelve Months Ended November 30, 2017

Forecasted Period: Twelve Months Ended March 31, 2019

Schedules

N Typical Bill Comparison

DATA: \_\_X\_ BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: SEE BELOW 6 Months Actual and 6 Months Projected SCHEDULE N PAGE 1 OF 5 WITNESS: B. L. SAILERS

# INCLUDES FUEL AND ALL RIDERS

				BILL DATA L	ESS RIDERS				RIDER	s			TOTAL	TOTAL	
LINE RATE NO. CODE	LEVEL of DEMAND (A)	LEVEL of USE <i>(B)</i>	CURRENT BILL(1)(8) (C)	PROPOSED BILL(1)(8) (D)	DOLLAR INCREASE (D - C) (E)	PERCENT INCREASE (E / C) (F)	RIDER FAC (2) (G)	RIDER DSMR (3) (H)	RIDER ESM (4)	RIDER DCI (5) (J)	RIDER FTR (6) (K)	RIDER PSM (7) <i>(L)</i>	CURRENT BILL (C+G+H+L) (M)	PROPOSED BILL (D+G+H+I+J+K+L) (N)	PERCENT INCREASE (N-M) / M (O)
<u>NO. 0002</u>	(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(%)
1 RS	<b>v v</b>					. ,	.,	• •				.,		• •	
2	NA	300	27.24	36.49	9.25	34.0	0.31	2.39	0.00	0.00	0.00	(0,14)	29,80	39.05	31.0
3	NA	400	34,78	44.88	10.10	29.0	0.41	3.19	0.00	0.00	0.00	(0.18)	38.20	48.30	26.4
4	NA	500	42.33	53.27	10.94	25.8	0.51	3.98	0.00	0.00	0.00	(0.23)	46.59	57.53	23.5
5	NA	800	64.96	78.45	13.49	20.8	0.82	6.37	0.00	0.00	0.00	(0.36)	71.79	85.28	18.8
6	NA	1,000	80.06	95.23	15.17	18,9	1.03	7.97	0.00	0.00	0.00	(0.46)	88.60	103,77	17.1
7	NA	1,500	117.78	137.18	19.40	16.5	1.54	11.95	0.00	0.00	0.00	(0.68)	130,59	149.99	14,9
8	NA	2,000	155.51	179.14	23.63	15.2	2.06	15.93	0.00	0.00	0.00	(0.91)	172.59	196.22	13.7

(1) REFLECTS DSM HEA RIDER OF \$0.10 PER BILL.

(2) REFLECTS FUEL ADJUSTMENT CLAUSE (FAC) OF \$0.001028 PER KWH.

(3) RIDER DSMR \$0.007967 PER KWH.

(4) RIDER ESM \$0.000000 PER KWH FOR PROPOSED BILL ONLY.

(5) RIDER DCI \$0.00 PER BILL FOR PROPOSED BILL ONLY.

(6) RIDER FTR \$0.000000 PER KWH FOR PROPOSED BILL ONLY.

(7) RIDER PSM (\$0.000456) PER KWH.

(8) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_X\_ BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: SEE BELOW 6 Months Actual and 6 Months Projected SCHEDULE N PAGE 2 OF 5 WITNESS: B. L. SAILERS

## INCLUDES FUEL AND ALL RIDERS

				BILL DATA	ESS RIDERS				RIDER	s			TOTAL	TOTAL	
	LEVEL	LEVEL			DOLLAR	PERCENT							CURRENT	PROPOSED	PERCENT
	of	of	CURRENT	PROPOSED	INCREASE	INCREASE	RIDER	RIDER	RIDER	RIDER	RIDER	RIDER	BILL	BILL	INCREASE
LINE RATE	DEMAND	USE	BILL (7)	BILL (7)	(D - C)	(E / C)	FAC (1)	DSMR (2)	ESM (3)	DCI (4)	FTR (5)	PSM (6)	(C+G+H+L)	(D+G+H+I+J+K+L)	(N-M) / M
NO. CODE	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)	(J)	(K)	(L)	(M)	(N)	(0)
	(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(%)
1 DS	5	2,000	178.29	218.11	39.82	22.3	2.06	5.15	0.00	0.00	0,00	(0.91)	184.59	224,41	21.6
2	10	4,000	341.58	401.95	60.37	17.7	4.11	10.30	0.00	0.00	0.00	(1.82)	354.17	414.54	17.0
3	10	6,000	504.87	585.78	80.91	16.0	6,17	15.46	0.00	0.00	0,00	(2.74)	523.76	604.67	15.4
4	30	6,000	621.12	716.73	95,61	15.4	6,17	15.46	0.00	0.00	0.00	(2.74)	640.01	735,62	14.9
5	30	9,000	771.48	886.01	114.53	14.8	9.25	23,18	0.00	0.00	0.00	(4.10)	799.81	914,34	14.3
6	30	12,000	921.8 <b>3</b>	1,055,28	133.45	14.5	12.34	30,91	0.00	0.00	0.00	(5.47)	959.61	1,093.06	13.9
7	50	10,000	976.60	1,117.03	140.43	14.4	10.28	25.76	0.00	0.00	0.00	(4.56)	1,008.08	1,148.51	13.9
8	50	15,000	1,227.19	1,399.16	171.97	14.0	15.42	38.64	0.00	0.00	0.00	(6.84)	1,274.41	1,446.38	13.5
9	50	20,000	1,477.79	1,681.28	203.49	13.8	20,56	51.52	0.00	0.00	0,00	(9.12)	1,540.75	1,744.24	13.2
10	75	15,000	1,420.94	1,617.41	196.47	13.8	15.42	38.64	0.00	0.00	0.00	(6.84)	1,468,16	1,664.63	13.4
11	75	20,000	1,671.54	1,899.53	227.99	13.6	20.56	51.52	0,00	0.00	0.00	(9.12)	1,734.50	1,962.49	13.1
12	75	30,000	2,159.11	2,448.45	289.34	13.4	30.84	77.28	0.00	0.00	0,00	(13.68)	2,253.55	2,542.89	12.8
13	100	20,000	1,865,29	2,117.78	252,49	13.5	20,56	51.52	0,00	0.00	0.00	(9.12)	1,928.25	2,180.74	13.1
14	100	30,000	2,366.48	2,682.03	315.55	13.3	30.84	77.28	0.00	0.00	0.00	(13.68)	2,460.92	2,776.47	12.8
15	100	40,000	2,831.36	3,205.40	374,04	13.2	41.12	103.04	0,00	0.00	0.00	(18.24)	2,957.28	3,331.32	12.6
16	300	60,000	5,420.05	6,120.78	700.73	12.9	61.68	154.56	0.00	0.00	0.00	(27.36)	5,608.93	6,309.66	12.5
17	300	90,000	6,923,62	7,813.53	889.91	12.9	92.52	231.84	0,00	0.00	0.00	(41.04)	7,206.94	8,096.85	12.3
18	300	120,000	8,209.36	9,260.98	1,051.62	12.8	123.36	309.12	0,00	0.00	0.00	(54.72)	8,587.12	9,638,74	12.2
19	500	100,000	8,974,81	10,123.78	1,148.97	12.8	102.80	257.60	0.00	0.00	0,00	(45.60)	9,289.61	10,438.58	12.4
20	500	200,000	13,587.36	15,316.56	1,729.20	12.7	205.60	515.20	0.00	0.00	0.00	(91.20)	14,216.96	15,946.16	12.2
21	500	300,000	17,691.66	19,936.96	2,245,30	12.7	308.40	772.80	0.00	0.00	0.00	(136.80)	18,636.06	20,881.36	12.0
22 EH	WINTER														
23	NA	9,400	593,33	691.78	98.45	16.6	9,66	24.21	0.00	0.00	0.00	(4.29)	622.91	721.36	15.8
24	NA	23,600	1,466.97	1,685.03	218.06	14.9	24.26	60.79	0,00	0.00	0.00	(10.76)	1,541.26	1,759.32	14.1
25	NA	37,800	2,340.61	2,678.28	337.67	14.4	38.86	97. <b>3</b> 7	0,00	0.00	0.00	(17.24)	2,459.60	2,797.27	13.7

CUSTOMER CHARGE IS BASED ON THREE PHASE SECONDARY SERVICE.

(1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.001028 PER KWH.

(2) RIDER DSMR \$0.002576 PER KWH.

(3) RIDER ESM \$0.000000 PER KWH FOR PROPOSED BILL ONLY.

(4) RIDER DCI \$0.00 PER BILL FOR PROPOSED BILL ONLY.

(5) RIDER FTR \$0.000000 PER KW FOR PROPOSED BILL ONLY.

(6) RIDER PSM (\$0.000456) PER KWH.

(7) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

# DATA: \_\_X\_ BASE PERIOD \_\_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: SEE BELOW 6 Months Actual and 6 Months Projected

SCHEDULE N PAGE 3 OF 5 WITNESS: B. L. SAILERS

# INCLUDES FUEL AND ALL RIDERS

			_			ESS RIDERS				RIDER	S			TOTAL	TOTAL	
		LEVEL	LEVEL			DOLLAR	PERCENT			-				CURRENT	PROPOSED	PERCENT
		of	of	CURRENT	PROPOSED	INCREASE	INCREASE	RIDER	RIDER	RIDER	RIDER	RIDER	RIDER	BILL	BILL	INCREASE
LINE	RATE	DEMAND	USE (8)	BILL (7)	BILL (7)	(D - C)	(E / C)	FAC (1)	DSMR (2)	ESM (3)	DCI (4)	FTR (5)	PSM (6)	(C+G+H+L)	(D+G+H+I+J+K+L)	(N-M) / M
NO.	CODE	(A)	(8)	(C)	(D)	(E)	(F)	(G)	(H)	0	(J)	_(K)	(L)	(M)	(N)	(0)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(5)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(%)
1	DT (SUMMER)	500	144,000	11,832.05	13,736.20	1,904.15	16.1	148.03	370.94	0.00	0.00	0.00	(65.66)	12,285.36	14,189.51	15.5
2		500	288,000	17,405.20	20,025.34	2,620,14	15.1	296.06	741.89	0.00	0.00	0.00	(131.33)	18,311.82	20,931.96	14.3
3		800	230,400	18,922,28	21,737.93	2,815.65	14.9	236.85	593.51	0.00	0.00	0.00	(105.06)	19,647.58	22,463.23	14.3
4		800	460,800	27,839.31	31,800.55	3,961.24	14.2	473.70	1,187.02	0.00	0.00	0.00	(210.12)	29,289.91	33,251.15	13.5
5		1,000	288,000	23,649.11	27,072.41	3,423.30	14.5	296.06	741.89	0.00	0.00	0.00	(131.33)	24,555.73	27,979.03	13.9
6		1,000	576,000	34,795.40	39,650.67	4,855.27	14.0	592.13	1,483.78	0.00	0.00	0,00	(262.66)	36,608.65	41,463.92	13.3
7		1,200	345,600	28,375.93	32,406.89	4,030.96	14.2	355.28	890.27	0.00	0.00	0,00	(157.59)	29,463.89	33,494.85	13.7
8		1,200	691,200	41,751.47	47,500.81	5,749.34	13.8	710.55	1,780.53	0.00	0.00	0.00	(315.19)	43,927,36	49,676.70	13.1
9		1,500	432,000	35,466.16	40,408.60	4,942.44	13.9	444.10	1,112.83	0.00	0.00	0.00	(196.99)	36,826.10	41,768.54	13.4
10		1,500	864,000	52,185.60	59,276.00	7,090.40	13.6	888.19	2,225.66	0.00	0.00	0.00	(393.98)	54,905.47	61,995.87	12.9
11	DT (WINTER)	500	144,000	11,398.06	13,244.91	1,846.85	16,2	148.03	370.94	0.00	0.00	0.00	(65.66)	11,851.37	13,698.22	15.6
12		500	288,000	16,872.55	19,422.43	2,549.88	15.1	296.06	741.89	0.00	0.00	0.00	(131.33)	17,779.17	20,329.05	14.3
13		800	230,400	18,227.90	20,951.84	2,723.94	14.9	236,85	593.51	0.00	0.00	0.00	(105.06)	18,953.20	21,677.14	14.4
14		800	460,800	26,987.08	30,835.88	3,848.80	14.3	473.70	1,187.02	0.00	0.00	0.00	(210.12)	28,437.68	32,286.48	13.5
15		1,000	288,000	22,781.14	26,089.80	3,308.66	14.5	296.06	741.89	0.00	0.00	0.00	(131.33)	23,687.76	26,996.42	14.0
16		1,000	576,000	33,730,10	38,444.86	4,714.76	14.0	592.13	1,483.78	0.00	0.00	0.00	(262.66)	35,543.35	40,258.11	13.3
17		1,200	345,600	27,334.36	31 <b>,227</b> .77	3,893.41	14.2	355.28	890.27	0.00	0.00	0.00	(157.59)	28,422.32	32,315,73	13.7
18		1,200	691,200	40,473.12	46,053.83	5,580.71	13.8	710,55	1,780.53	0.00	0.00	0.00	(315.19)	42,649.01	48,229,72	13.1
19		1,500	432,000	34,164.20	38,934.71	4,770.51	14.0	444,10	1,112.83	0.00	0.00	0.00	(196.99)	35,524.14	40,294.65	13.4
20		1,500	864,000	50,587.65	57,467.29	6,879.64	13.6	888.19	2,225.66	0.00	0.00	0.00	(393.98)	53,307.52	60,187.16	12.9

(1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.001028 PER KWH.

(2) RIDER DSMR \$0.002576 PER KWH.

(3) RIDER ESM \$0.000000 PER KWH FOR CURRENT BILL ONLY.

(4) RIDER DCI \$0.00 PER BILL FOR PROPOSED BILL ONLY.

(5) RIDER FTR \$0.000000 PER KW FOR PROPOSED BILL ONLY.

(6) RIDER PSM (\$0.000456) PER KWH.

(7) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH AND THREE PHASE SECONDARY SERVICE.

(8) DEMAND AND ENERGY VALUES REPRESENT THE SUM OF ON AND OFF PEAK. FOR BILL CALCULATION, VALUES ARE SPLIT USING THE RATIO OF VALUES IN SCHEDULE M-2.3.

DATA: \_\_X\_\_BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: SEE BELOW 6 Months Actual and 6 Months Projected

SCHEDULE N PAGE 4 OF 5 WITNESS: B. L. SAILERS

# INCLUDES FUEL AND ALL RIDERS

				BILL DATA L	ESS RIDERS				RIDEF	RS			TOTAL	TOTAL	
	LEVEL	LEVEL			DOLLAR	PERCENT					DIDED		CURRENT	PROPOSED	PERCENT
	of	of	CURRENT	PROPOSED	INCREASE	INCREASE	RIDER	RIDER	RIDER		RIDER	RIDER	BILL	BILL	INCREASE
LINE RATE	DEMAND	USE	BILL (7)	BILL (7)	(D - C)	(E / C)	FAC (1)	DSMR (2)	ESM (3)		FTR (5)	PSM (6)	(C+G+H+L)	(D+G+H+I+J+K+L)	(N-M) / M
NO. CODE	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)	(J)	(K)	(L)	(M)	<u>(N)</u>	(0)
	(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(%)
1 DP	100	14,400	1,543.38	1,831.35	287,97	18.7	14.80	37.09	0.00	0.00	0,00	(6.57)	1,588.70	1,876.67	18.1
2	100	28,800	2,278.76	2,703.92	425.16	18.7	29.61	74.19	0.00	0.00	0.00	(13.13)	2,369.43	2,794.59	
3	100	43,200	2,910.25	3,453.35	543.10	18.7	44.41	111.28	0.00	0.00	0.00	(19.70)	3,046.24	3,589.34	17.8
4	200	28,800	2,986.76	3,543.92	557.16	18.7	29.61	74,19	0.00	0,00	0.00	(13.13)	3,077.43	3,634,59	18.1
5	200	57,600	4,457.52	5,289.05	831.54	18.7	59,21	148.38	0,00	0.00	0.00	(26.27)	4,638.84	5,470.37	17. <b>9</b>
6	200	86,400	5,720.51	6,787.93	1,067.42	18.7	88.82	222,57	0,00	0.00	0.00	(39.40)	5,992.50	7,059.92	17.8
7	300	43,200	4,430.14	5,256.48	826.35	18.7	44.41	111.28	0.00	0.00	0.00	(19.70)	4,566.13	5,392.47	18.1
8	300	86,400	6,636.28	7,874.19	1,237.91	18.7	88.82	222.57	0,00	0.00	0.00	(39.40)	6,908.27	8,146.18	17.9
9	300	129,600	8,530.76	10,122.50	1,591,74	18.7	133,23	333.85	0.00	0.00	0.00	(59.10)	8,938.74	10,530.48	17.8
10	500	72,000	7,316.90	8,681.62	1,364.72	18,7	74.02	185.47	0.00	0.00	0.00	(32.83)	7,543.56	8,908.28	18.1
11	500	144,000	10,993.79	13,044.46	2,050.67	18.7	148.03	370,94	0,00	0.00	0.00	(65.66)	11,447.10	13,497.77	17.9
12	500	216,000	14,151.27	16,791.65	2,640.38	18.7	222.05	556,42	0.00	0.00	0.00	(98.50)	14,831,24	17,471.62	17.8
13	800	115,200	11,647.03	13,819.32	2,172,29	18.7	118.43	296.76	0.00	0.00	0.00	(52,53)	12,009.69	14,181,98	18.1
14	800	230,400	17,530.07	20,799.87	3,269.80	18.7	236.85	593.51	0.00	0,00	0.00	(105,06)	18,255.37	21,525.17	17.9
15	800	345,600	22,582.03	26,795,38	4,213.35	18.7	355.28	890.27	0,00	0.00	0.00	(157.59)	23,669.99	27,883.34	17.8
16	1000	144,000	14,533.79	17,244.46	2,710.67	18.7	148.03	370,94	0.00	0.00	0,00	(65.66)	14,987.10	17,697.77	18.1
17	1000	288,000	21,887.58	25,970.14	4,082.56	18.7	296.06	741.89	0.00	0,00	0.00	(131.33)	22,794.20	26,876,76	17.9
18	1000	432,000	28,202.54	33,464.52	5,261.99	18.7	444,10	1,112.83	0.00	0,00	0.00	(196.99)	29,562.48	34,824.46	17.8
19	1500	216,000	21,750.69	25,807.30	4,056.61	18.7	222.05	556.42	0,00	0.00	0.00	(98,50)	22,430.66	26,487,27	18.1
20	1500	432,000	32,781.38	38,895.82	6,114.44	18.7	444.10	1,112.83	0,00	0.00	0.00	(196.99)	34,141.32	40,255.76	17.9
21	1500	648,000	42,253.80	50,137,40	7,883.59	18.7	666.14	1,669.25	0.00	0.00	0,00	(295.49)	44,293.70	52,177.30	17.8
22	3000	432,000	43,401.38	51,495.82	8,094.44	18.7	444.10	1,112.83	0,00	0,00	0.00	(196,99)	44,761.32	52,855,76	18.1
23	3000	864,000	65,462.75	77,672.86	12,210.11	18.7	888.19	2,225.66	0,00	0.00	0.00	(393,98)	68,182.62	80,392.73	17.9
24	3000	1,296,000	84,407.61	100,156.01	15,748.40	18.7	1,332.29	3,338.50	0.00	0.00	0.00	(590.98)	88,487.42	104,235.82	17.8

(1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.001028 PER KWH.
 (2) RIDER DSMR \$0.002576 PER KWH.
 (3) RIDER ESM \$0.000000 PER KWH FOR CURRENT BILL ONLY.
 (4) RIDER DCI \$0.00 PER BILL FOR PROPOSED BILL ONLY.
 (5) RIDER FTR \$0.000000 PER KW FOR PROPOSED BILL ONLY.
 (6) RIDER PSM (\$0.000456) PER KWH.

(7) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_X\_\_BASE PERIOD \_\_\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: SEE BELOW 6 Months Actual and 6 Months Projected

SCHEDULE N PAGE 5 OF 5 WITNESS: **B. L. SAILERS** 

INCLUDES FUEL AND ALL RIDERS

					BILL DATA	LESS RIDERS				RIDER	5			TOTAL	TOTAL	
		LEVEL	LEVEL			DOLLAR	PERCENT							CURRENT	PROPOSED	PERCENT
		of	of	CURRENT	PROPOSED	INCREASE	INCREASE	RIDER	RIDER	RIDER		RIDER	RIDER	BILL	BILL (6)	INCREASE
	RATE	DEMAND	USE	BILL (6)(7)	BILL (6)(7)	(D - C)	(E / C)	FAC (1)	DSMR (2)	ESM (3)		FTR (4)	PSM (5)	(C+G+H+L)	(D+G+H+I+K+L)	(N-M) / M
NQ.	CODE	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)		(J)	<u>(K)</u>	(L)	<u>(M)</u>	(N)	(0)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)		(\$)	(\$)	(\$)	(\$)	(%)
1	TT (SUMMER)	1,000	200,000	16,372.85	18,296.83	1,923.98	11.8	205.60	36.60	0.00		0.00	(91.20)	16 523.85	18,447,83	
2		1,000	400,000	24,902.45	27,919.48	3,017,03	12.1	411.20	73.20	0,00		0.00	(182.40)	25,204,45	28,221.48	
3		2,500	500,000	40,182.12	44,992.09	4,809.97	12.0	514.00	91.50	0.00		0.00	(228.00)	40,559.62	45,369,59	
4		2,500	1,000,000	61,506,12	69,048.70	7,542.58	12.3	1,028.00	183.00	0.00		0.00	(456.00)	62,261.12	69,803.70	
5		5,000	1,000,000	79,864,25	89,484.17	9,619.92	12.0	1,028.00	183.00	0.00		0.00	(456.00)	80,619,25	90,239.17	
9		5,000 10,000	2,000,000 2,000,000	122,512.25 159,228,49	137,597.38	15,085.13 19,239.85	12.3	2,056.00 2,056.00	366.00 366.00	0.00		0.00	(912.00)	124,022.25 160,738,49	139,107.38	
6		10,000	4,000,000	244,524,49	178,468.34 274,694,78	30,170,29	12.1 12.3	4,112,00	732.00	0.00 0.00		0.0D 0.00	(912.00) (1,824.00)	247,544.49	179,978.34 277,714.78	12.0 12.2
9		10,000	6,000,000	329.820.49	370,921.22	41,100,73	12.5	6,168.00	1,098.00	0.00		0.00	(1,824.00) (2,736.00)	334,350,49	375,451.22	
10		20,000	4,000,000	317,956,99	356,436,69	38,479.70	12.1	4,112.00	732.00	0.00		0.00	(1,824.00)	320,976,99	359,456,69	
10		20,000	8,000,000	488,548,99	548,889,56	60.340.57	12.4	8,224.00	1.464.00	0.00		0.00	(3,648.00)	494,588,99	554,929,56	
12		20,000	12,000,000	659,140,99	741,342,43	82,201.44	12.5	12,336.00	2.196.00	0.00		0.00	(5,472.00)	668,200,99	750,402,43	
13		40,000	16,000,000	976,597,99		120,681.13	12.4	16,448.00	2,928.00	0.00		0.00	(7.296.00)	988,677.99	1,109,359,12	
14		40,000		1,317,781.99		164,402.87	12.5	24,672.00	4.392.00	0.00		0.00		1.335.901.99	1,500,304,86	12.3
15		80,000		1,952,695.97		241,362.27	12.4	32,896.00	5,856.00	0.00		0.00		1,976,855,97	2,218,218.24	
16		80,000		2,635,063.97		328,805,75	12.5	49,344.00	8,784.00	0.00		0.00		2,671,303.97	3,000,109,72	12.3
17		160,000		3,904,891,93		482,724,55	12.4	65,792.00	11.712.00	0.00		0.00		3,953,211,93	4,435,936,48	12.2
18		160,000		5,269,627.93		657,611.51	12.5	98,688.00		0.00		0.00		5,342,107,93	5,999,719.44	12,3
19	TT (WINTER)	1,000	200,000	15,093.14	16,687,56	1,594.42	10.6	205.60	36.60	0.00		0.00	(91.20)	15,244,14	16,838.56	10,5
20		1,000	400,000	23,622,74	26,121.69	2,498.95	10.6	411.20	73.20	0.00		0.00	(182.40)	23,924,74	26,423.69	10.4
21		2,500	500,000	36,982,85	40,968,89	3,986.04	10.8	514.00	91.50	0.00		0.00	(228,00)	37,360.35	41,346,39	10.7
22		2,500	1,000,000	58,306.85	64,554.20	6,247,35	10.7	1,028.00	183.00	0.00		0.00	(456.00)	59,061.85	65,309.20	10.6
23		5,000	1,000,000	73,465.69	81,437.78	7,972.09	10,9	1,028.00	183.00	0.00		0.00	(456.00)	74,220.69	82,192.78	10.7
24		5,000	2,000,000	116,113.69	128,608.40	12,494.71	10.8	2,056.00	366.00	0.00		0.00	(912.00)	117,623.69	130,118,40	10,6
25		10,000	2,000,000	146,431,39	162,375,55	15,944.16	10.9	2,056.00	366.00	0.00		0.00	(912.00)	147,941.39	163,885.55	10.8
26		10,000	4,000,000	231,727.39	256,716,80	24,989.41	10,8	4,112.00	732.00	0.00		0.00	(1,824.00)	234,747.39	259,736.80	10.6
27		10,000	6,000,000	317,023.39	351,058.04	34,034.65	10.7	6,168.00	1,098.00	0.00		0.00	(2,736.00)	321,553,39	355,588.04	10,6
28		20,000	4,000,000	292,362.78	324,251.12	31,888.34	10.9	4,112.00	732.00	0.00		0.00	(1,824.00)	295,382,78	327,271.12	
29		20,000	8,000,000	462,954.78	512,933.61	49,978.83	10.8	8,224.00	1,464.00	0.00		0.00	(3,648.00)	468,994.78	518,973,61	10.7
30		20,000	12,000,000	633,546,78	701,616.09	68,069.31	10.7	12,336.00	2,196.00	0,00		0.00	(5,472.00)	642,606,78	710,676.09	10.6
31		40,000	16,000,000	925,409.57		99,957.64	10,8	16,448.00	2,928.00	0.00		0.00	(7,296.00)	937,489.57	1,037,447.21	10.7
32		40,000		1,266,593.57		136,138.62	10.7	24,672.00	4,392.00	0.00		0.00		1,284,713.57	1,420,852,19	10.6
33		80,000	32,000,000	1,850,319,12		199,915.29	10.8	32,896.00	5,856.00	0.00		0.00		1,874,479.12	2,074,394.41	10.7
34		80,000		2,532,687.12		272,277.25	10,8	49,344.00	8,784.00	0.00		0.00		2,568,927.12	2,841,204.37	10.6
35		160,000	64,000,000	3,700,138.25		399,830.60	10.8	65,792.00	11,712.00	0.00		0.00		3,748,458.25	4,148,288.85	10.7
36		160,000	96,000,000	5,064,874.25	5,609,428,74	544,554.49	10.8	98,688.00	17,568.00	0.00		0,00	(43,776.00)	5,137,354.25	5,681,908.74	10,6

(1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.001028 PER KWH. (2) RIDER DSMR \$0.000183 PER KWH.

(3) RIDER ESM \$0,000000 PER KWH FOR CURRENT BILL ONLY.

(4) RIDER FTR \$0.000000 PER KW FOR PROPOSED BILL ONLY.

(5) RIDER PSM (\$0.000456) PER KWH.

(6) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH. (7) DEMAND VALUE REPRESENTS THE SUM OF ON AND OFF PEAK. FOR BILL CALCULATION, VALUE IS SPLIT USING THE RATIO OF VALUES IN SCHEDULE M-2.3.

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: B. L. SAILERS

# INCLUDES FUEL AND ALL RIDERS

			BILL DATA LESS RIDERS						RIDER	S		TOTAL	TOTAL		
LINE RATE NO. CODE	 LEVEL of DEMAND (A)	LEVEL of USE <i>(B)</i>	CURRENT BILL(1)(8) (C)	PROPOSED BILL(1)(8) (D)	DOLLAR INCREASE (D - C) (E)	PERCENT INCREASE (E / C) (F)	RIDER FAC (2) (G)	RIDER DSMR (3) <i>(H)</i>	RIDER ESM (4) <i>(1)</i>	RIDER DCI (5) (J)	RIDER FTR (6) <i>(K)</i>	RIDER PSM (7) <i>(L)</i>	CURRENT BILL (C+G+H+L) (M)	PROPOSED BILL (D+G+H+I+J+K+L) (N)	PERCENT (NCREASE (N-M) / M (O)
	(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(%)
1 RS															
2	NA	300	27.24	36,49	9.25	34.0	0.31	2.39	0.00	0.00	0.00	(0.14)	29.80	39,05	31.0
3	NA	400	34.78	44.88	10,10	29.0	0.41	3,19	0.00	0.00	0.00	(0.18)	38.20	48.30	26.4
4	NA	500	42.33	53.27	10.94	25.8	0.51	3.98	0.00	0.00	0.00	(0.23)	46.59	57.53	23.5
5	NA	800	64.96	78.45	13,49	20.8	0.82	6.37	0,00	0.00	0.00	(0.36)	71.79	85.28	18.8
6	NA	1,000	80.06	95.23	15.17	18.9	1.03	7.97	0.00	0.00	0,00	(0.46)	88.60	103.77	17.1
7	NA	1,500	117.78	137.18	19,40	16.5	1.54	11.95	0.00	0.00	0.00	(0.68)	130.59	149.99	14.9
8	NA	2,000	155.51	179,14	23.63	15.2	2.06	15.93	0.00	0.00	0.00	(0.91)	172.59	196.22	13.7

(1) REFLECTS DSM HEA RIDER OF \$0.10 PER BILL.

(2) REFLECTS FUEL ADJUSTMENT CLAUSE (FAC) OF \$0.001028 PER KWH.

(3) RIDER DSMR \$0.007967 PER KWH.

(4) RIDER ESM \$0.000000 PER KWH FOR PROPOSED BILL ONLY.

(5) RIDER DCI \$0.00 PER BILL FOR PROPOSED BILL ONLY.

(6) RIDER FTR \$0.000000 PER KWH FOR PROPOSED BILL ONLY.

(7) RIDER PSM (\$0.000456) PER KWH.

(8) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_\_\_ BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: SEE BELOW 12 Months Projected with Riders SCHEDULE N PAGE 2 OF 5 WITNESS: B. L. SAILERS

# INCLUDES FUEL AND ALL RIDERS

		LEVEL of		BILL DATA 1	ESS RIDERS				RIDEF	RS			TOTAL	TOTAL	1
LINE RATE	LEVEL of		CURRENT	PROPOSED	DOLLAR INCREASE	PERCENT INCREASE (E / C)		RIDER DSMR (2) <i>(H)</i>				RIDER		PROPOSED BILL (D+G+H+I+J+K+L)	
NO. CODE	DEMAND (A)	USE <i>(B</i> )	BILL (7)	BILL (7) <i>(D</i> )	(D - C)		FAC (1)		ESM (3) (/)	• •	FTR (5) <i>(K</i> )	PSM (6)	(C+G+H+L) (M)		
NO. CODE	(A) (KW)	(KWH)	<u>(C)</u> (\$)	(\$)	<u>(E)</u> (\$)	<u>(F)</u> (%)	(G) (\$)	(\$)	(\$)	<u>(J)</u> (S)	(\$)	<u>(L)</u>	<u>(147)</u> (S)	<u>(N)</u> (\$)	<u>(0)</u> (%)
1 DS	5	2,000	178.29	218.11	39.82	22.3	2.06	5.15	0.00	0.00	0.00	(0.91)	184.59	224.41	
2	10	4,000	341.58	401.95	60.37	17.7	4.11	10.30	0.00	0.00	0.00	(1.82)	354.17	414.54	17.0
2	10	6,000	504.87	585.78	80.91	16.0	6.17	15.46	0.00	0.00	0.00	(2.74)	523.76	604.67	17.0
4	30	6,000	621.12	716.73	95.61	15.4	6,17	15.46	0.00	0.00	0.00	(2.74)	640.01	735.62	14.9
5	30	9.000	771.48	886.01	114.53	14,8	9.25	23.18	0.00	0.00	0.00	(4.10)	799.81	914.34	14.3
о б	30	12,000	921,83	1,055.28	133.45	14.5	12.34	30.91	0.00	0.00	0.00	(5.47)	959,61	1,093,06	13.9
7	50	10,000	976,60	1,117.03	140.43	14.4	10.28	25.76	0.00	0.00	0.00	(4.56)	1,008.08	1,148.51	13,9
8	50	15,000	1,227,19	1,399.16	171,97	14.0	15,42	38.64	0.00	0.00	0.00	(6,84)	1,274.41	1,446.38	13.5
9	50	20,000	1,477.79	1,681,28	203,49	13.8	20.56	51. <b>5</b> 2	0.00	0.00	0.00	(9.12)	1,540,75	1,744,24	13.2
10	75	15,000	1,420,94	1,617,41	196,47	13.8	15.42	38.64	0.00	0.00	0.00	(6.84)	1,468,16	1,664.63	13,4
11	75	20,000	1,671.54	1,899.53	227.99	13.6	20.56	51.52	0.00	0.00	0.00	(9.12)	1,734.50	1,962.49	13.1
12	75	30,000	2,159.11	2,448.45	289.34	13.4	30.84	77.28	0.00	0.00	0.00	(13.68)	2,253.55	2,542.89	12.8
13	100	20,000	1,865.29	2,117.78	252.49	13.5	20.56	51.52	0.00	0.00	0.00	(9.12)	1,928.25	2,180.74	13.1
14	100	30,000	2,366.48	2,682.03	315.55	13.3	30.84	77.28	0.00	0.00	0.00	(13.68)	2,460.92	2,776.47	12.8
15	100	40,000	2,831.36	3,205.40	374.04	13.2	41.12	103.04	0.00	0.00	0.00	(18.24)	2,957.28	3,331.32	12.6
16	300	60,000	5,420.05	6,120.78	700.73	12.9	61.68	154.56	0.00	0.00	0.00	(27.36)	5,608.93	6,309.66	12.5
17	300	90,000	6,923.62	7,813.53	889.91	12.9	92.52	231.84	0.00	0.00	0,00	(41.04)	7,206.94	8,096.85	12.3
18	300	120,000	8,209.36	9,260.98	1,051.62	12.8	123.36	309.12	0.00	0.00	0.00	(54.72)	8,587.12	9,638.74	12.2
19	500	100,000	8,974.81	10,123,78	1,148.97	12.8	102.80	257,60	0.00	0.00	0.00	(45,60)	9,289.61	10,438.58	12,4
20	500	200,000	13,587.36	15,316.56	1,729.20	12.7	205.60	515.20	0.00	0.00	0.00	(91.20)	14,216.96	15,946.16	12.2
21	500	300,000	17,691.66	19,936.96	2,245.30	12.7	308.40	772.80	0.00	0,00	0.00	(136.80)	18,636.06	20,881.36	12.0
22 EH	WINTER														
23	NA	9,400	593.33	691.78	98.45	16.6	9.66	24.21	0.00	0.00	0.00	(4.29)	622.91	721.36	15.8
24	NA	23,600	1,466.97	1,685.03	218.06	14.9	24.26	60.79	0,00	0.00	0.00	(10.76)	1,541.26	1,759.32	14.1
25	NA	37,800	2,340.61	2,678.28	337.67	14.4	38.86	97.37	0.00	0.00	0.00	(17.24)	2,459.60	2,797.27	13.7

CUSTOMER CHARGE IS BASED ON THREE PHASE SECONDARY SERVICE.

(1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.001028 PER KWH.

(2) RIDER DSMR \$0.002576 PER KWH.

(3) RIDER ESM \$0.000000 PER KWH FOR PROPOSED BILL ONLY.

(4) RIDER DCI \$0.00 PER BILL FOR PROPOSED BILL ONLY.

(5) RIDER FTR \$0.000000 PER KW FOR PROPOSED BILL ONLY.

(6) RIDER PSM (\$0.000456) PER KWH.

(7) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

DATA: \_\_\_\_ BASE PERIOD \_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ORIGINAL \_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: SEE BELOW 12 Months Projected with Riders SCHEDULE N PAGE 3 OF 5 WITNESS: B. L. SAILERS

# INCLUDES FUEL AND ALL RIDERS

							RIDER	S		TOTAL	TOTAL					
LINE	RATE	LEVEL of DEMAND	of of	CURRENT BILL (7)	PROPOSED BILL (7)	DOLLAR INCREASE (D - C)	PERCENT INCREASE (E/C)	RIDER FAC (1)	RIDER DSMR (2)	RIDER ESM (3)	RIDER DCI (4)		RIDER PSM (6)	CURRENT BILL (C+G+H+L)	BILL	PERCENT INCREASE (N-M) / M
NO.	CODE	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	. ()	(J)	(K)	പ	(M)	(N)	<i>(</i> 0)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(%)
1	DT (SUMMER)	500	144,000	11,832.05	13,736.21	1,904.16	16.1	148.03	370.94	0,00	0.00	0.00	(65.66)	12,285.36	14,189.52	15.5
2		500	288,000	17,405.17	20,025.30	2,620.13	15.1	296.06	741.89	0.00	0.00	0.00	(131.33)	18,311,79	20,931.92	14.3
3		800	230,400	18,922,30	21,737.94	2,815.64	14.9	236,85	593.51	0,00	0.00	0.00	(105.06)	19,647.60	22,463.24	14.3
4		800	460,800	27,839.28	31,800.50	3,961.22	14.2	473.70	1,187.02	0,00	0.00	0.00	(210.12)	29,289.88	33,251.10	13.5
5		1,000	288,000	23,649.12	27,072.41	3,423.29	14.5	296.06	741.89	0.00	0.00	0.00	(131.33)	24,555.74	27,979.03	13.9
6		1,000	576,000	34,795.35	39,650.62	4,855,27	14.0	592.13	1,483.78	0.00	0.00	0.00	(262.66)	36,608.60	41,463.87	13.3
7		1,200	345,600	28,375.93	32,406.90	4,030.97	14.2	355.28	8 <b>9</b> 0.27	0.00	0.00	0.00	(157.59)	29,463.89	33,494,86	13.7
8		1,200	691,200	41,751.41	47,500.74	5,749.33	13.8	710.55	1,780.53	0.00	0.00	0.00	(315.19)	43,927.30	49,676.63	13.1
9		1,500	432,000	35,466,18	40,408.63	4,942.45	13.9	444.10	1,112.83	0.00	0,00	0.00	(196.99)	36,826.12	41,768.57	13.4
10		1,500	864,000	52,185.52	59,275.92	7,090.40	13.6	886.19	2,225.66	0.00	0.00	0.00	(393.9B)	54,905. <b>3</b> 9	61,995.79	12.9
11	DT (WINTER)	500	144,000	11,397.99	13,244.80	1,846.81	16.2	148.03	370.94	0.00	0.00	0.00	(65.66)	11,851.30	13,698.11	15.6
12		500	288,000	16,872.42	19,422.27	2,549.85	15.1	296.06	741.89	0.00	0.00	0.00	(131.33)	17,779.04	20,328.89	14.3
13		800	230,400	18,227,78	20,951.69	2,723.91	14.9	236.85	593.51	0.00	0.00	0.00	(105.06)	18,953.08	21,676.99	14.4
14		800	460,800	26,986.86	30,835.65	3,848.79	14.3	473.70	1,187.02	0.00	0.00	0.00	(210.12)	28,437.46	32,286.25	13.5
15		1,000	288,000	22,780.96	26,089.62	3,308.66	14.5	296.06	741.89	0.00	0.00	0.00	(131.33)	23,687.58	26,996.24	14.0
16		1,000	576,000	33,729.82	38,444.56	4,714.74	14.0	592.13	1,483.78	0,00	0.00	0.00	(262.66)	35,543.07	40,257.81	13,3
17		1,200	345,600	27,334.16	31,227.54	3,893.38	14.2	355.28	890,27	0,00	0.00	0.00	(157.59)	28,422.12	32,315.50	13.7
18		1,200	691,200	40,472.80	46,053.47	5,580.67	13.8	710.55	1,780.53	0.00	0.00	0.00	(315.19)	42,648.69	48,229.36	13.1
19		1,500	432,000	34,163.95	38,934.42	4,770.47	14.0	444.10	1,112.83	0,00	0.00	0.00	(196.99)	35,523.89	40,294.36	13.4
20		1,500	864,000	50,587,25	57,466.83	6,879.58	13.6	888.19	2,225.66	0.00	0.00	0.00	(393.98)	53,307.12	60,186.70	12.9

(1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.001028 PER KWH.

(2) RIDER DSMR \$0.002576 PER KWH.

(3) RIDER ESM \$0.000000 PER KWH FOR CURRENT BILL ONLY.

(4) RIDER DCI \$0.00 PER BILL FOR PROPOSED BILL ONLY.

(5) RIDER FTR \$0.000000 PER KW FOR PROPOSED BILL ONLY.

(6) RIDER PSM (\$0,000456) PER KWH.

(7) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH AND THREE PHASE SECONDARY SERVICE.

(8) DEMAND AND ENERGY VALUES REPRESENT THE SUM OF ON AND OFF PEAK. FOR BILL CALCULATION, VALUES ARE SPLIT USING THE RATIO OF VALUES IN SCHEDULE M-2.3.

DATA: \_\_\_\_ BASE PERIOD \_\_\_X\_FORECASTED PERIOD TYPE OF FILING: \_X\_ ORIGINAL \_\_\_UPDATED \_\_\_ REVISED WORK PAPER REFERENCE NO(S).: SEE BELOW 12 Months Projected with Riders

SCHEDULE N PAGE 4 OF 5 WITNESS: B. L. SAILERS

# INCLUDES FUEL AND ALL RIDERS

			_	BILL DATA L	ESS RIDERS			RIDER	S	TOTAL	TOTAL				
	LEVEL	LEVEL			DOLLAR	PERCENT							CURRENT	PROPOSED	PERCENT
	of	of	CURRENT	PROPOSED	INCREASE	INCREASE	RIDER	RIDER	RIDER	RIDER	RIDER	RIDER	BILL	BILL	INCREASE
LINE RATE	DEMAND	USE	BILL (7)	B!LL (7)	(D - C)	(E / C)	FAC (1)	DSMR (2)	ESM (3)	DCI (4)	FTR (5)	PSM (6)	(C+G+H+L)	(D+G+H+I+J+K+L)	(N-M) / M
NO. CODE	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)	(J)	(K)	(L)	(M)	(N)	(0)
	(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(%)
1 DP	100	14,400	1,543,38	1,831.35	287.97	18.7	14.80	37.09	0.00	0.00	0.00	(6.57)	1,588.70	1,876.67	18.1
2	100	28,800	2,278.76	2,703.92	425.16	18.7	29.61	74.19	0.00	0.00	0.00	(13.13)	2,369.43	2,794.59	17.9
3	100	43,200	2,910.25	3,453.35	543.10	18,7	44.41	111.28	0.00	0.00	0.00	(19.70)	3,046.24	3,589.34	17.8
4	200	28,600	2,986.76	3,543.92	557.16	18.7	29.61	74.19	0.00	0.00	0.00	(13.13)	3,077.43	3,634.59	18.1
5	200	57,600	4,457.52	5,289.05	831.54	18.7	59.21	148.38	0.00	0.00	0.00	(26,27)	4,638.84	5,470.37	17,9
6	200	86,400	5,720.51	6,787.93	1,067.42	18.7	88.82	222.57	0.00	0.00	0.00	(39.40)	5,992.50	7,059.92	17.8
7	300	43,200	4,430.14	5,256.48	826.35	18.7	44.41	111,28	0.00	0.00	0.00	(19.70)	4,566.13	5,392.47	18,1
8	300	86,400	6,636.28	7,874.19	1,237.91	18.7	88.82	222.57	0.00	0.00	0.00	(39.40)	6,908.27	8,146,18	17.9
9	300	129,600	8,530.76	10,122.50	1,591.74	18.7	133.23	333.85	0.00	0.00	0.00	(59.10)	8,938.74	10,530.48	17.8
10	500	72,000	7,316.90	8,681.62	1,364.72	18.7	74.02	185.47	0,00	0.00	0.00	(32.83)	7,543.56	8,908.28	18.1
11	500	144,000	10,993,79	13,044,46	2,050.67	18.7	148.03	370.94	0,00	0.00	0.00	(65.66)	11,447.10	13,497.77	17.9
12	500	216,000	14,151.27	16,791.65	2,640.38	18.7	222.05	556,42	0.00	0.00	0,00	(98.50)	14,831.24	17,471.62	17.8
13	800	115,200	11,647.03	13,819.32	2,172.29	18.7	118.43	296.76	0.00	0.00	0.00	(52.53)	12,009.69	14,181.98	18.1
14	800	230,400	17,530.07	20,799.87	3,269.80	18.7	236.85	593.51	0.00	0.00	0.00	(105.06)	18,255.37	21,525.17	17,9
15	800	345,600	22,582.03	26,795.38	4,213.35	18.7	355.28	890.27	0.00	0.00	0.00	(157.59)	23,669.99	27,883.34	17.8
16	1000	144,000	14,533.79	17,244.46	2,710.67	18.7	148.03	370.94	0.00	0.00	0.00	(65.66)	14,987.10	17,697.77	18.1
17	1000	288,000	21,887.58	25,970.14	4,082.56	18.7	296,06	741.89	0.00	0.00	0,00	(131.33)	22,794.20	26,876,76	17.9
18	1000	432,000	28,202.54	33,464.52	5,261.99	18,7	444.10	1,112.83	0.00	0.00	0.00	(196.99)	29,562.48	34,824.46	17.8
19	1500	216,000	21,750,69	25,807.30	4,056.61	18.7	222.05	556.42	0,00	0.00	0.00	(98.50)	22,430.66	26,487.27	18.1
20	1500	432,000	32,781.38	38,895.82	6,114.44	18.7	444.10	1,112.83	0.00	0.00	0.00	(196.99)	34,141.32	40,255.76	17.9
21	1500	648,000	42,253.80	50,137.40	7,883.59	18.7	666.14	1,669.25	0.00	0.00	0.00	(295.49)	44,293.70	52,177.30	17,8
22	3000	432,000	43,401.38	51,495.82	8,094.44	18.7	444.10	1,112.83	0.00	0.00	0.00	(196.99)	44,761.32	52,855.76	18,1
23	3000	864,000	65,462.75	77 672.86	12,210.11	18.7	888.19	2,225.66	0.00	0,00	0.00	(393.98)	68,182.62	80,392.73	17.9
24	3000	1,296,000	84,407.61	100,156.01	15,748.40	18.7	1,332.29	3,338.50	0.00	0.00	0.00	(590.98)	88,487.42	104,235.82	17.8

(1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.001028 PER KWH.

(2) RIDER DSMR \$0.002576 PER KWH.

(3) RIDER ESM \$0.000000 PER KWH FOR CURRENT BILL ONLY.

(4) RIDER DCI \$0.00 PER BILL FOR PROPOSED BILL ONLY.

(5) RIDER FTR \$0.000000 PER KW FOR PROPOSED BILL ONLY.

(6) RIDER PSM (\$0.000456) PER KWH.

(7) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

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:
B. L. SAILERS

INCLUDES FUEL AND ALL RIDERS

			BILL DATA LESS RIDERS							RIDER	5		TOTAL	TOTAL		
LEVEL		LEVEL			DOLLAR	PERCENT							CURRENT	PROPOSED	PERCENT	
		of	of	CURRENT	PROPOSED	INCREASE	INCREASE	RIDER	RIDER	RIDER		RIDER	RIDER	BILL	BILL (6)	INCREASE
LINE	RATE	DEMAND	UŞE	BILL (6)(7)	BILL (6)(7)	(D - C)	(E / C)	FAC (1)	DSMR (2)	ESM (3)		FTR (4)	PSM (5)	(C+G+H+L)	(D+G+H+I+K+L)	(N-M) / M
NO.	CODE	(A)	(B)	(C)	(D)	(E)	(1)	(G)	(H)	m	(J)	(K)	പ്	(M)	(N)	(0)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)		(\$)	(\$)	(\$)	(\$)	(%)
1	TT (SUMMER)	1,000	200,000	16,372.50	18,296.39	1,923.89	11.0	205.60	36.60	0.00		0.00	(91.20)	16,523.50	18,447.39	11.6
2		1,000	400,000	24,902.10	27,918.97	3,016.87	12.1	411.20	73.20	0.00		0.00	(182.40)	25,204.10	28,220,97	12.0
. 3		2,500	500,000	40,181.24	44,990,96	4,809.72	12.0	514.00	91.50	0.00		0.00	(228.00)	40,558.74	45,368.46	11.9
4		2,500	1,000,000	61,505.24	69,047,42	7,542.18	12.3	1,028.00	183.00	0.00		0.00	(456.00)	62,260,24	69,802.42	12.1
5		5,000	1,000,000	79,862.49	89,481.93	9,619,44	12.0	1,028.00	183.00	0.00		0.00	(456.00)	80,617.49	90,236.93	11.9
6		5,000	2,000,000	122,510.49	137,594.87	15,084.38	12.3	2,056.00	366.00	0.00		0.00	(912.00)	124,020.49	139,104.87	12.2
7		10,000	2,000,000	159,224.97	178,463.86	19,238.89	12.1	2,056.00	366.00	0,00		0.00	(912.00)	160,734,97	179,973.86	12.0
8		10,000	4,000,000	244,520.97	274,689,72	30,168.75	12.3	4,112.00	732.00	0.00		0.00	(1,824.00)	247,540.97	277 709 72	12.2
9		10,000	6,000,000	329,816.97	370,915.59	41,098.62	12.5	6,168.00	1,098.00	0.00		0,00	(2,736.00)	334,346.97	375,445.59	12.3
10		20,000	4,000,000	317,949.95	356,427.71	38,477.76 60,337.50	12.1	4,112.00	732.00	0.00		0.00	(1,824.00)	320,969.95	359,447,71	12.0
11		20,000	8,000,000	488,541.95	548,879.45	82,197.23	12.4 12.5	8,224,00 12,336,00	1,464.00	0.00		0.00 0.00	(3,648.00)	494,581.95	554,919,45	12.2
12 13		20,000 40,000	12,000,000 16,000,000	659,133.95	741,331.18 1,097,258.91	120,675.01	12.5	16,448.00	2,196.00 2,928.00	0.00 0.00		0.00	(5,472.00) (7,296.00)	668,193.95 988,663.90	750,391,18 1,109,338,91	12.3 12.2
13		40,000	24,000,000	1,317,767.90		164,394,48	12.4	24,672.00	4,392.00	0.00		0.00		1,335,887,90	1,500,282.38	12.2
14 15		40,000 80.000	32,000,000	1,952,667,80		241,350.01	12.5	32,896,00	4,392.00	0.00		0.00		1,976,827,80	2,218,177,81	12.3
16		80,000	48,000,000	2,635,035,80		328,788.95	12.4	49,344.00	8,784.00	0.00		0.00		2,671,275.80	3,000,064.75	12.2
17		160,000	64.000.000	3,904,835,59		482,700.03	12.4		11.712.00	0.00		0.00		3,953,155,59	4,435,855.62	12.2
18		160,000	96,000,000	5,269,571.59		657,577.92	12.5	98,688.00		0.00		0.00		5,342,051.59	5,999,629,51	12.3
10		100,000	30,000,000		5,521,145.51										0,000,020,01	
19	TT (WINTER)	1,000	200,000	15,093.74	16,688.39	1,594.65	10.6	205.60	36.60	0.00		0.00	(91.20)	15,244,74	16,839,39	10.5
20		1,000	400,000	23,623.34	26,122.67	2,499.33	10.6	411.20	73.20	0.00		0.00	(182.40)	23,925.34	26,424.67	10,4
21		2,500	500,000	36,984.36	40,970.99	3,986.63	10.8	514.00	91.50	0.00		0.00	(228.00)	37,361.86	41,340,49	10.7
22		2,500	1,000,000	58,308.36	64,556.71	6,248.35	10.7	1,028.00	183.00	0.00		0.00	(456.00)	59,063.36	65,311.71	10.6
23		5,000	1,000,000	73,468.73	81,441.97	7,973.24	10.9	1,028.00	183.00	0.00		0.00	(456.00)	74,223.73	82,196.97	10.7
24		5,000	2,000,000	116,116.73	128,613.40	12,496.67	10.8	2,056.00	366.00	0.00		0.00	(912.00)	117,626,73	130,123.40	10.6
25		10,000	2,000,000	146,437.45	162,383.94	15,946.49	10.9	2,056.00	366.00	0,00		0.00	(912.00)	147,947.45	163,693.94	10.0
26		10,000	4,000,000	231,733.45	256,726.80	24,993.35 34,040.23	10.8 10.7	4,112.00 6,168.00	732.00 1.098.00	0.00 0.00		0.00 0.00	(1,824.00) (2,736.00)	234,753.45 321,559.45	259,746,80 355,599,68	10,6 10,6
27		10,000	6,000,000	317,029.45	351,069,68	34,040.23	10.7	4,112.00	732.00	0.00		0.00	(1,824.00)	295,394.91	327,287.87	10.8
28		20,000 20,000	4,000,000	292,374.91	324,267.87 512,953.62	49,986.71	10.9	8,224.00	1,464.00	0.00		0.00	(3,648,00)	469,006,91	518,993,62	10.7
29 30		20,000	8,000,000 12,000,000	462,966.91 633,558.91	701,639,35	68,080.44	10.7	12,336.00	2,196.00	0.00		0.00	(5,472.00)	642,618,91	710,699,35	10.6
		40,000	16,000,000	925,433.82	•	99,973.41	10.8	16,448.00	2,190.00	0.00		0.00	(7,296.00)	937.513.82	1.037,487,23	10.5
31 32		40,000	24.000,000	1.265,617,82		136,160.89	10.0	24,672,00	4,392.00	0.00		0.00		1,284,737.82	1.420.898.71	10.6
32 33		40,000	32,000,000	1,850,367.63		199,946,83	10,0	32,896,00	4,352,00 5,856,00	0.00		0.00		1,874,527,63	2.074.474.46	10.0
33		80,000	48.000.000	2.532.735.63		272.321.78	10.8	49,344.00	8,784.00	0.00		0.00		2,568,975,63	2,841,297.41	10.6
34		160,000	48,000,000 64,000,000	3,700,235.25		399,893.67	10.8	65,792.00	11,712.00	0.00		0.00		3,748,555,25	4,148,448.92	10,7
36		160,000	96,000,000	5.064.971.25		544,643.58	10.8	98,688.00		0.00		0.00		5,137,451.25	5.682,094,83	10,6
50		100,000	55,550,000	0,007,071.20	0,000,014.00	1.1010.00	10.0			0.00			(,	-,,	-,,+	

(1) REFLECTS FUEL ADJUSTMENT COMPONENT (FAC) OF \$0.001028 PER KWH. (2) RIDER DSMR \$0.000183 PER KWH.

(3) RIDER ESM \$0.000000 PER KWH FOR CURRENT BILL ONLY. (4) RIDER FTR \$0.000000 PER KW FOR PROPOSED BILL ONLY.

(5) RIDER PSM (\$0,000456) PER KWH.

(6) REFLECTS FUEL COST RECOVERY INCLUDED IN BASE RATES OF \$0.023837 PER KWH.

(7) DEMAND VALUE REPRESENTS THE SUM OF ON AND OFF PEAK. FOR BILL CALCULATION, VALUE IS SPLIT USING THE RATIO OF VALUES IN SCHEDULE M-2.3.