

FILE

**BEFORE**

**THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of Duke	)	
Energy Ohio for Authority to Establish a	)	
Standard Service Offer Pursuant to Section	)	
4928.143, Revised Code, in the Form of	)	Case No. 14-841-EL-SSO
an Electric Security Plan, Accounting	)	
Modifications and Tariffs for Generation	)	
Service.	)	
In the Matter of the Application of Duke	)	
Energy Ohio for Authority to Amend its	)	Case No. 14-842-EL-ATA
Certified Supplier Tariff, P.U.C.O. No. 20.	)	

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**DIRECT TESTIMONY OF**

**JAMES E. ZIOLKOWSKI**

**ON BEHALF OF**

**DUKE ENERGY OHIO, INC.**

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May 29, 2014

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### Attachments:

JEZ-1:	Proposed Duke Energy Ohio electric tariff at June 1, 2015 (Clean)
JEZ-2:	Proposed Duke Energy Ohio electric tariff at June 1, 2015 (Redlined)
JEZ-3:	Typical bill impacts of the proposed rate structure
JEZ-4:	Table of new, eliminated, modified, and continuing riders

## **I. INTRODUCTION**

1   **Q.   PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2   A.   My name is James E. Ziolkowski, and my business address is 139 East Fourth  
3       Street, Cincinnati, Ohio 45202.

4   **Q.   BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?**

5   A.   I am employed by the Duke Energy Business Services LLC (DEBS) as Director,  
6       Rates and Regulatory Planning. DEBS provides various administrative and other  
7       services to Duke Energy Ohio, Inc., (Duke Energy Ohio or the Company) and  
8       *other affiliated companies of Duke Energy Corporation (Duke Energy).*

9   **Q.   PLEASE BRIEFLY DESCRIBE YOUR EDUCATION AND**  
10   **PROFESSIONAL EXPERIENCE.**

11   A.   I received a Bachelor of Science degree in Mechanical Engineering from the U.S.  
12       Naval Academy in 1979 and a Master of Business Administration degree from  
13       Miami University in 1988. I am also a licensed Professional Engineer in the state  
14       of Ohio.

15       After graduating from the Naval Academy, I attended the Naval Nuclear  
16       Power School and other follow-on schools. I served as a nuclear-trained officer  
17       on various ships in the U.S. Navy through 1986. From 1988 through 1990, I  
18       worked for Mobil Oil Corporation as a Marine Marketing Representative in the  
19       New York City area.

20       I joined The Cincinnati Gas & Electric Company (CG&E) in 1990 as a  
21       *Product Applications Engineer, in which capacity I designed and managed some*  
22       of CG&E's demand side management programs, including Energy Audits and

1 Interruptible Rates. From 1996 until 1998, I was an Account Engineer and  
2 worked with large customers to resolve various service-related issues, particularly  
3 in the areas of billing, metering, and demand management. In 1998, I joined  
4 Cinergy Services, Inc.'s, Rate Department, where I focused on rate design and  
5 tariff administration. I was significantly involved with the initial unbundling and  
6 design of CG&E's retail electric rates. I was appointed to my current position in  
7 December 2013.

8 **Q. PLEASE DESCRIBE YOUR DUTIES AS DIRECTOR, RATES AND**  
9 **REGULATORY PLANNING.**

10 A. I am responsible for various rider filings, tariff administration, billing, and  
11 revenue reporting issues in Ohio and Kentucky. I also prepare filings to modify  
12 charges and terms in retail tariffs of Duke Energy Ohio and Duke Energy  
13 Kentucky, Inc., (Duke Energy Kentucky) and develop rates for new services.  
14 During major rate cases, I prepare cost of service studies and help with the design  
15 of the new base rates. I assisted in the development of the retail electric tariffs in  
16 the Company's Case No. 03-93-EL-ATA, which established the Company's  
17 market-based standard service offer. Additionally, I frequently work with  
18 customer contact and billing personnel of Duke Energy Ohio and Duke Energy  
19 Kentucky to answer rate-related questions and to apply the retail tariffs to specific  
20 situations. Occasionally, I meet with customers and Company representatives to  
21 explain rates or provide rate training. I also prepare reports that are required by  
22 regulatory authorities.



1   **Q.   HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE PUBLIC**  
2       **UTILITIES COMMISSION OF OHIO?**

3   A.   Yes.  Most recently, I filed testimony before the Public Utilities Commission of  
4       Ohio (Commission) in support of Duke Energy Ohio's application to update its  
5       energy efficiency rates, docketed under Case Number 14-457-EL-RDR.  I testified  
6       in the Company's most recent electric distribution and gas base rate cases, filed  
7       under Case No. 12-1682-EL-AIR, *et al.*, and Case No. 12-1685-GA-AIR, *et al.*,  
8       respectively.  I also testified in Case No. 11-3549-EL-SSO, *et al.*, Duke Energy  
9       Ohio's previous standard service offer (SSO) filing.

10  **Q.   WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THESE**  
11       **PROCEEDINGS?**

12  A.   The purpose of my testimony in these proceedings is to describe proposed new  
13       riders, riders to be withdrawn, riders to be modified, and continuing riders, as well  
14       as additional tariff changes.  As a part of these descriptions, I also discuss bill  
15       impacts of the proposed rate structure.

16  **Q.   WHAT ARE THE ATTACHMENTS AND SCHEDULES FOR WHICH**  
17       **YOU ARE RESPONSIBLE?**

18  A.   I am sponsoring all or part of the following items:

- 19       •     Attachment JEZ-1 – Proposed Duke Energy Ohio electric tariff at June 1,  
20             2015 (Clean).
- 21       •     Attachment JEZ-2 – Proposed Duke Energy Ohio electric tariff at June 1,  
22             2015 (Redlined).
- 23       •     Attachment JEZ-3 – Typical bill impacts of the proposed rate structure.
- 24       •     Attachment JEZ-4 – Table of new, eliminated, modified, and continuing  
25             riders.

**II. DUKE ENERGY OHIO'S ELECTRIC RETAIL TARIFF : DISTRIBUTION  
RATE SCHEDULES AND SSO RIDERS**

1 **Q. PLEASE DESCRIBE ATTACHMENT JEZ-1.**

2 A. Attachment JEZ-1 contains Duke Energy Ohio's proposed retail electric tariff at  
3 June 1, 2015. This attachment contains the entire proposed retail electric tariff.

4 **Q. PLEASE DESCRIBE ATTACHMENT JEZ-2.**

5 A. Attachment JEZ-2 contains those pages of Duke Energy Ohio's proposed retail  
6 electric tariff at June 1, 2015, on which changes have been made. Each change is  
7 marked to show how it differs from the tariff that is in effect on the date the  
8 Application in these proceedings is filed.

9 **Q. PLEASE DESCRIBE ATTACHMENT JEZ-3.**

10 A. Attachment JEZ-3 shows the typical bill impacts at various usage levels of the  
11 proposed rates.

12 **Q. PLEASE DESCRIBE ATTACHMENT JEZ-4.**

13 A. *Attachment JEZ-4 summarizes, in tabular form, the Company's riders. Table 1*  
14 *shows the new proposed riders and Table 2 lists riders that will be eliminated.*  
15 *Table 3 shows the existing riders that will continue with modification and Table 4*  
16 *lists the existing riders that continue with no modification. Finally, Table 5 lists*  
17 *the riders that apply to non-shoppers and shoppers; i.e., those riders that are*  
18 *bypassable and non-bypassable.*

19 **Q. WHAT ARE THE COMPANY'S MAJOR RETAIL ELECTRIC RATE**  
20 **SCHEDULES?**

21 A. The Company's major electric rate schedules are Rate RS (Residential Service),  
22 Rate DM (Secondary Distribution Service – Small), Rate DS (Service At

1 Secondary Distribution Voltage), Rate DP (Service At Primary Distribution  
2 Voltage), and Rate TS (Service At Transmission Voltage). The Company's tariff  
3 also contains other rates and riders pertaining to lighting, electric heating, and  
4 time-of-use pricing, among other matters.

5 **Q. PLEASE SUMMARIZE THE PROPOSED CHANGES TO DUKE**  
6 **ENERGY OHIO'S ELECTRIC RETAIL TARIFF.**

7 A. The Company intends to continue procuring generation to serve its SSO load  
8 through an auction process. Currently, the Company recovers the cost of the SSO  
9 generation through two riders – Rider RC (Retail Capacity) and Rider RE (Retail  
10 Energy). The Company proposes to modify the design of Rider RC and Rider RE  
11 and the allocation of costs to base rates within Rider RC. Duke Energy Ohio  
12 proposes two new distribution riders and a Price Stabilization Rider (Rider PSR).  
13 Duke Energy Ohio proposes to eliminate a number of riders from the tariff and to  
14 add clarifying language to its net metering rider. Attachment JEZ-4 lists, in  
15 tabular form, new riders, eliminated riders, modified riders, and riders continuing  
16 without modification.

**A. PROPOSED NEW RIDERS**

17 **Q. IS THE COMPANY PROPOSING ANY NEW RIDERS?**

18 A. Yes. As discussed in the testimony of Company witnesses William Don Wathen  
19 Jr. and Peggy A. Laub, the Company proposes three new riders: a Distribution  
20 Capital Investment Rider (Rider DCI), a Distribution Storm Rider (Rider DSR),  
21 and Rider PSR. Attachments JEZ-1 and JEZ-2 contain placeholder tariff sheets  
22 for each of these new riders.

**B. RIDERS TO BE WITHDRAWN**

1   **Q.    IS THE COMPANY PROPOSING TO WITHDRAW CERTAIN RIDERS?**

2   A.    Yes. As I discuss below, Duke Energy Ohio is proposing in these proceedings to  
3       withdraw eight riders.

4   **Q.    WHY DOES THE COMPANY PROPOSE TO ELIMINATE RIDER EEPF?**

5   A.    Rider EEPF, Electric Emergency Procedures For Long-Term Fuel Shortages,  
6       Sheet No. 74.1, applies in the event of a long-term fuel shortage for electric  
7       generation. Duke Energy Ohio procures generation for its SSO customers  
8       through an auction process and shopping customers receive generation service  
9       from their competitive retail suppliers. The provisions contained in Rider EEPF  
10       are moot because Duke Energy Ohio will no longer own or operate generation  
11       plants, as of the effective date of the proposed ESP. I would note, however, that  
12       the Company intends to maintain Rider EEPC, Emergency Electric Procedures,  
13       Sheet No. 75.1, in its retail tariff. Rider EEPC contains procedures to be applied  
14       during energy emergencies that necessitate curtailment of electric service.

15  **Q.    WHY DOES THE COMPANY PROPOSE TO ELIMINATE RIDER ESSC?**

16  A.    Rider ESSC, Electric Security Stabilization Rider, Sheet No. 113.3, terminates  
17       after December 31, 2014, pursuant to the stipulation and the order in Case No. 11-  
18       3549-EL-SSO, *et al.*, excluding any final true-up.

19  **Q.    DOES THE COMPANY PROPOSE TO ELIMINATE RIDER LFA?**

20  A.    Yes. Rider LFA, by its terms, terminates after May 31, 2015, and, as discussed  
21       further in the testimony of Company witness Wathen, Duke Energy Ohio is not  
22       proposing to renew this rider in the next ESP. It is likely that there will be an

1 over- or under-recovery balance when Rider LFA expires; consequently, a final  
2 true-up will probably be required to ensure that both the Company and customers  
3 are made whole after Rider LFA has expired. Except for this final true-up to  
4 zero-out the Rider LFA balance, the rider will terminate with the expiration of the  
5 current ESP.

6 **Q. WHY DOES THE COMPANY PROPOSE TO ELIMINATE RIDER DR-**  
7 **SAW AND RIDER DR-SAWR?**

8 A. The Commission approved Rider SAW and Rider SAWR, the cost recovery  
9 mechanism for the Company's save-a-watt (SAW) energy efficiency program, in  
10 Case No. 08-920-EL-SSO, *et al.* Rider SAW terminated after December 31,  
11 2011, by its terms, and was replaced with a different mechanism for recovering  
12 the costs of complying with the state's energy efficiency mandates. The final cost  
13 true-up associated with Rider SAW occurred during January through December  
14 2013, as approved by the Commission in Case No. 12-1857-EL-RDR. The Rider  
15 SAW and Rider SAWR tariff sheets are therefore no longer needed.

16 **Q. WHY DOES THE COMPANY PROPOSE TO ELIMINATE THE PIPP**  
17 **CUSTOMER DISCOUNT?**

18 A. The Percentage of Income Payment Plan (PIPP) Customer Discount, Sheet No.  
19 116, was approved by the Commission in Case No. 11-3549-EL-SSO, *et al.*, the  
20 Company's current ESP, as one component of the overall stipulation. The PIPP  
21 Customer Discount terminates after May 31, 2015. Beginning June 1, 2015, PIPP  
22 load will be combined with the other SSO load and supplied through the SSO  
23 auction process. It should be noted that there are no provisions being proposed in

1 the ESP that interfere with the statutory right of the Ohio Development Services  
2 Agency to aggregate PIPP load and solicit generation supply from competitive  
3 retail electric service (CRES) providers.

4 **Q. DOES THE COMPANY PROPOSE TO ELIMINATE RIDER DR- ECF?**

5 A. Yes. As Company witness Wathen explains, Duke Energy Ohio does not intend  
6 to continue this interruptible load program and Rider DR-ECF will no longer be  
7 needed. Most likely, there will be an over- or under-recovery of costs included in  
8 Rider DR-ECF as of May 31, 2015. Consequently, there will be a need to do a  
9 final true-up under this rider after the end of the current ESP on May 31, 2015.  
10 Once that true-up is complete, Duke Energy Ohio proposes to eliminate Rider  
11 DR-ECF as obsolete.

12 **Q. WHY DOES THE COMPANY PROPOSE TO ELIMINATE RIDER EER?**

13 A. Rider EER, Energy Efficiency Revolving Loan Program Rider, Sheet No. 81.2,  
14 terminated after December 31, 2010. The Company intends to remove this sheet  
15 from the retail tariff.

**C. RIDERS TO BE MODIFIED**

16 **Q. PLEASE SUMMARIZE THE PROPOSED CHANGES TO RIDER RC.**

17 A. The Company proposes to allocate capacity costs to the major rate classes based  
18 on the classes' individual PJM 5CP demands, assuming no shopping. The  
19 Company also proposes to replace the Rider RC demand charges for Rates DS,  
20 DP, and TS with load factor based kWh charges. Lastly, the Company proposes  
21 to reduce but, at least for now, not to eliminate the seasonal differences in the  
22 Rider RC rates for residential and small commercial customers.

1    **Q.    PLEASE EXPLAIN THE PROPOSED CAPACITY COST ALLOCATION**  
2    **METHODOLOGY.**

3    A.    Duke Energy Ohio currently allocates capacity costs to the various rate classes  
4    based on the methodology that was stipulated to by the parties, and approved by  
5    the Commission, in Case No. 11-3549-EL-SSO, *et al.* Going forward, the  
6    Company proposes to allocate the underlying capacity cost in the SSO auction  
7    based on the manner in which the capacity costs arise. Specifically, the Company  
8    proposes to allocate the capacity costs that result from the PJM Interconnection,  
9    L.L.C., (PJM) reliability pricing model prices based on each class's PJM 5CP  
10   demand. The following table compares the current capacity allocation  
11   percentages (from Case No. 11-3549-EL-SSO, *et al.*) with allocation factors  
12   derived from each rate class's contribution to the 2013 PJM 5CP demand:

Description	Current Allocation	5CP Allocation (2013)
<i>Rate Schedule:</i>		
Residential (RS, TD, ORH)	39.12%	45.37%
Secondary Distribution - Small (DM)	3.05%	3.23%
Secondary Distribution (DS)	37.24%	32.40%
Primary Distribution (DP)	9.66%	9.57%
Transmission Voltage (TS)	10.33%	9.38%
Lighting	0.59%	0.05%
Total	100.00%	100.00%

13   **Q.    PLEASE EXPLAIN WHY THE COMPANY DOES NOT PROPOSE TO**  
14   **RETAIN THE CURRENT CAPACITY ALLOCATION PERCENTAGES.**

15   A.    The PJM capacity requirement for Duke Energy Ohio's service footprint is  
16   determined on the basis of the total 5CP demand. On the basis of traditional cost-  
17   causation principles, it is therefore reasonable to allocate the capacity cost on the

1 basis of each class's contribution to the total SCP demand. Because the current  
2 allocation percentages do not match – and were not designed to match – the class  
3 contributions, Duke Energy Ohio is proposing to align these items.

4 **Q. PLEASE DESCRIBE THE PROPOSED RIDER RC RATE STRUCTURE**  
5 **FOR NON-RESIDENTIAL CUSTOMERS SERVED UNDER RATE DS,**  
6 **RATE DP, AND RATE TS.**

7 A. For non-residential customers served under one of the three demand rates, Rider  
8 RC presently contains both demand (per-kW or per-kVa) and energy (per-kWh)  
9 charges. For low load factor bills, rate structures that combine demand and  
10 energy charges can result in high average per-kWh rates. For example, a  
11 customer taking service under Rate DS (Service at Secondary Distribution  
12 Voltage), using a Final Zonal Capacity Price of \$125.99 per MW-Day, and with a  
13 load factor of 70 Hours-Use (approximately 10 percent), would pay a Rider RC  
14 charge of about 4.2 cents per kWh under the present rate structure. Under the  
15 proposed rate structure, the same charge would be about 2.2 cents per kWh. The  
16 proposed rate structure will protect very low load factor customers from high  
17 Rider RC charges, but it will continue to provide high load factor customers with  
18 price benefits similar to those they enjoy under the current rate structure. For  
19 example, a very high load factor customer, using a Final Zonal Capacity Price of  
20 \$125.99 per MW-Day, and with a load factor of 93 percent, currently pays, on  
21 average, a Rider RC charge of 0.73 cents per kWh. Under the proposed rate  
22 structure, that same customer would pay about 0.74 cents per kWh, given the  
23 same billing determinants. Lastly, a 50 percent load factor customer would pay



1 about 1.2 cents per kWh under both the current and proposed rate structures. An  
2 average load factor customer would pay about 1.3 center per kWh under the same  
3 scenario. The table below shows the current Rider RC rates for Rate DS for the  
4 June 2014 through May 2015 delivery period, and the rates that result when  
5 converted to per-kWh rates. The rates are designed to generate the same revenues  
6 for this class but will only be based on energy consumed rather than being based  
7 explicitly on any demand.

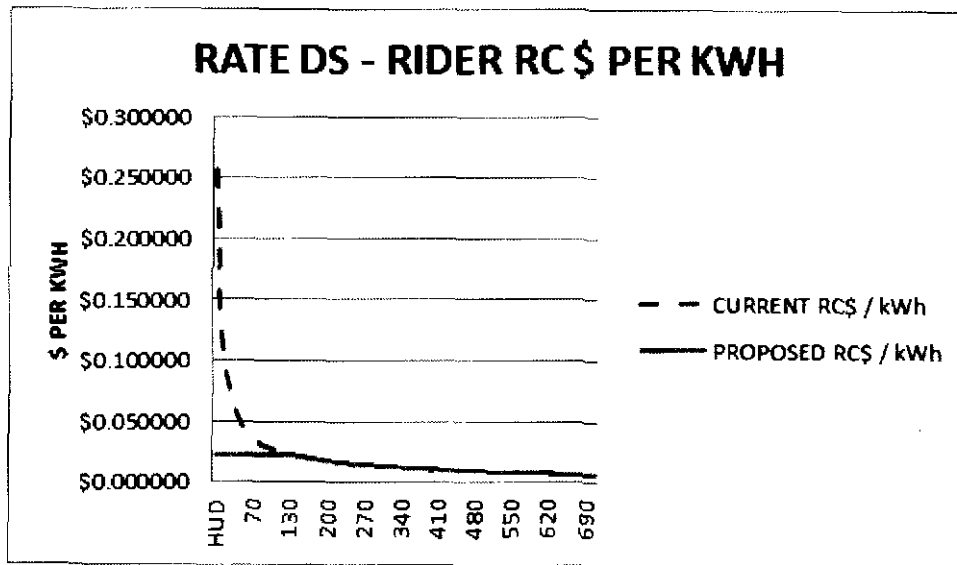
**CURRENT RC RATES (DS)**

First 1000 kW	\$2.506500 per kW
Additional kW	\$1.982800 per kW
First 300 kWh/kW	\$0.005727 per kWh
Additional kWh	\$0.001733 per kWh

**PROPOSED RC RATES (DS)**

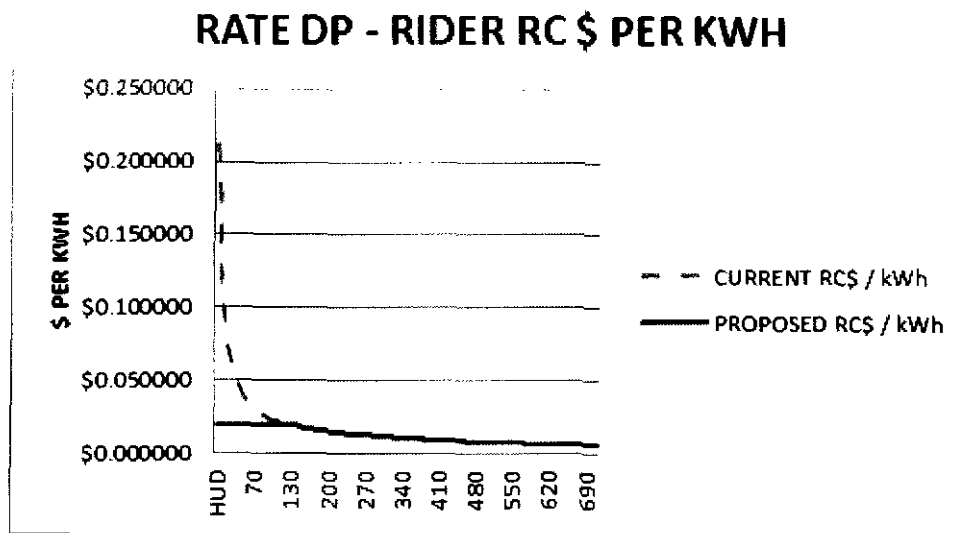
First 150 kWh/kW	\$0.022437 per kWh
Next 150 kWh/kW	\$0.005715 per kWh
Next 150 kWh/kW	\$0.002858 per kWh
Additional kWh	\$0.001429 per kWh

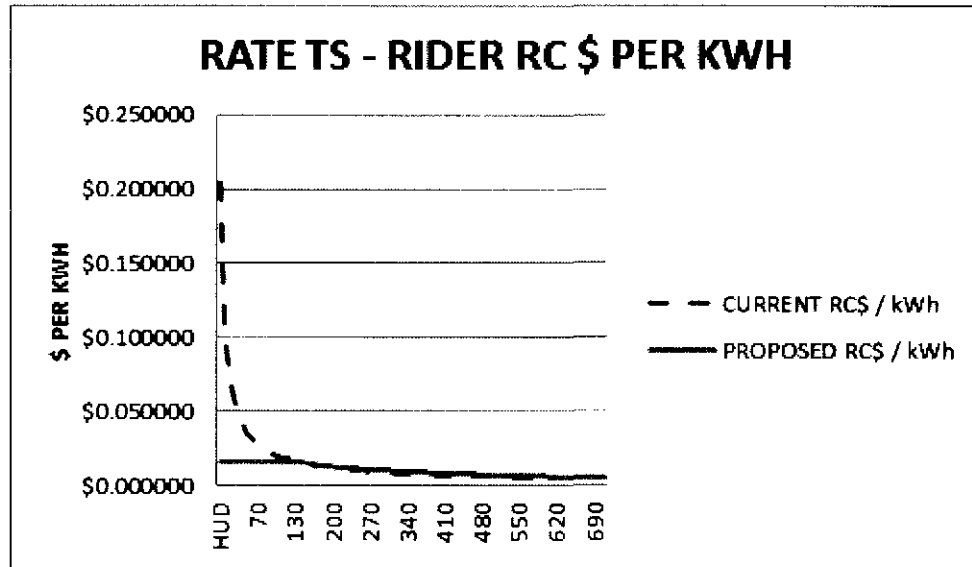
8 The graph below shows a comparison of the average resultant per-kWh Rider RC  
9 rates for DS customers, by load factor. The graph demonstrates that the proposed  
10 rate structure provides average rates that are similar to those under the current rate  
11 structure, but it protects very low load factor customers from high charges.



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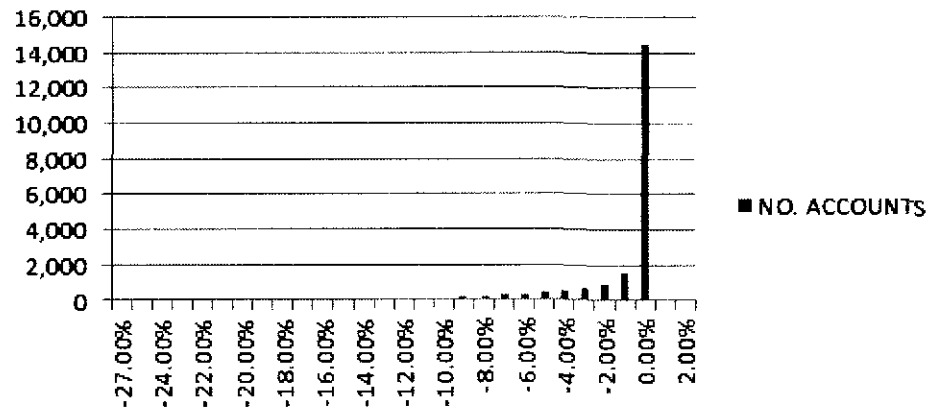
Similar results are achieved for Rate DP and Rate TS:



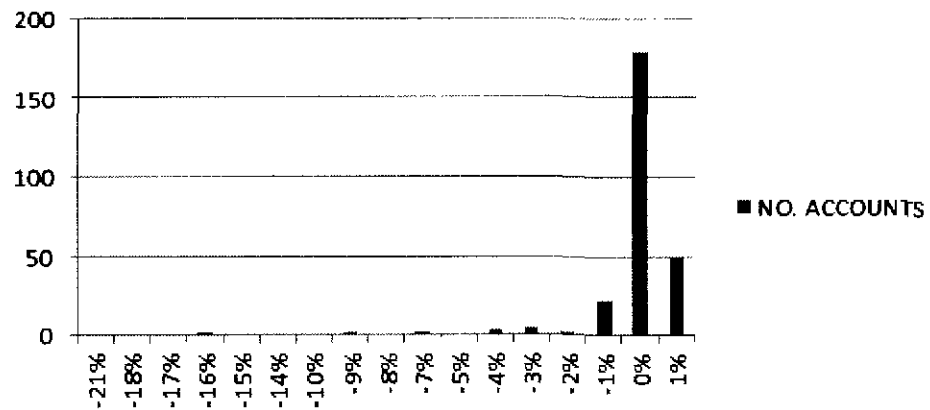


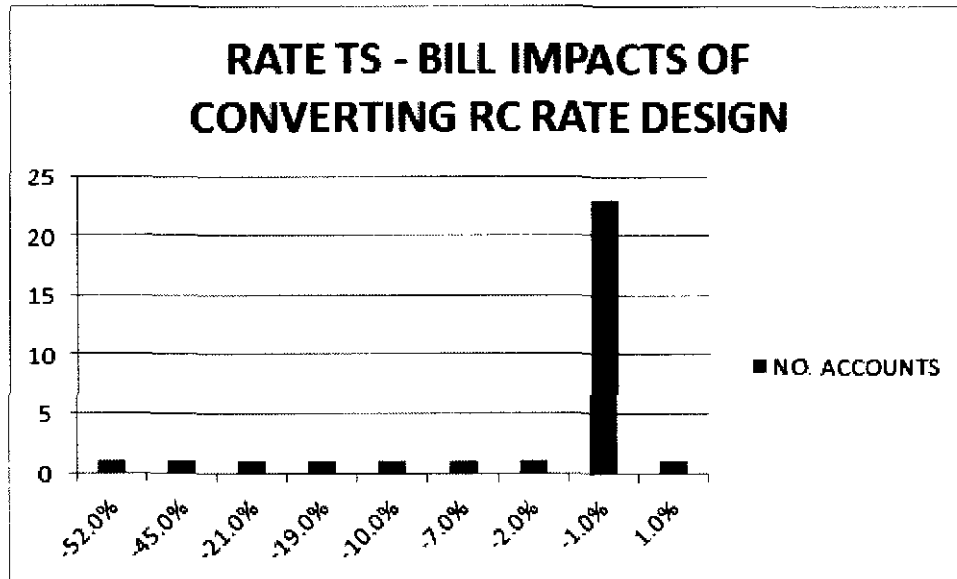
1        The following charts summarize the annual total bill impacts of the proposed  
2        auction rate structure for all accounts served under Rate DS, Rate DP, and Rate  
3        TS. The chart assumes that all of the customers take SSO service, under the rate  
4        proposed in the Application filed in these proceedings.

## RATE DS - BILL IMPACTS OF CONVERTING RC RATE DESIGN



## RATE DP - BILL IMPACTS OF CONVERTING RC RATE DESIGN





1 The charts show that the accounts with very low load factors will see substantial  
 2 reductions in their electric bills from the new rate design, assuming that they take  
 3 SSO service immediately before and immediately after the implementation of the  
 4 approval of this change to Rider RC.

5 **Q. PLEASE DESCRIBE THE PROPOSED RIDER RC RATE STRUCTURE**  
 6 **FOR RESIDENTIAL AND SMALL COMMERCIAL CUSTOMERS.**

7 A. Rider RC rates for customers taking service under Rate RS, Rate RSLI, Rate  
 8 RS3P, Rate ORH, and Rate DM consist of stepped, summer and winter rates. The  
 9 Company proposes to continue the seasonal stepped rates, but to reduce the  
 10 differences between the stepped rates. The purpose of this change is to design  
 11 auction-procured residential rates that better reflect rates offered in the  
 12 competitive retail market and are, therefore, easier for customers to compare.  
 13 Facilitating the comparison of SSO rates and CRES offers benefits competition.

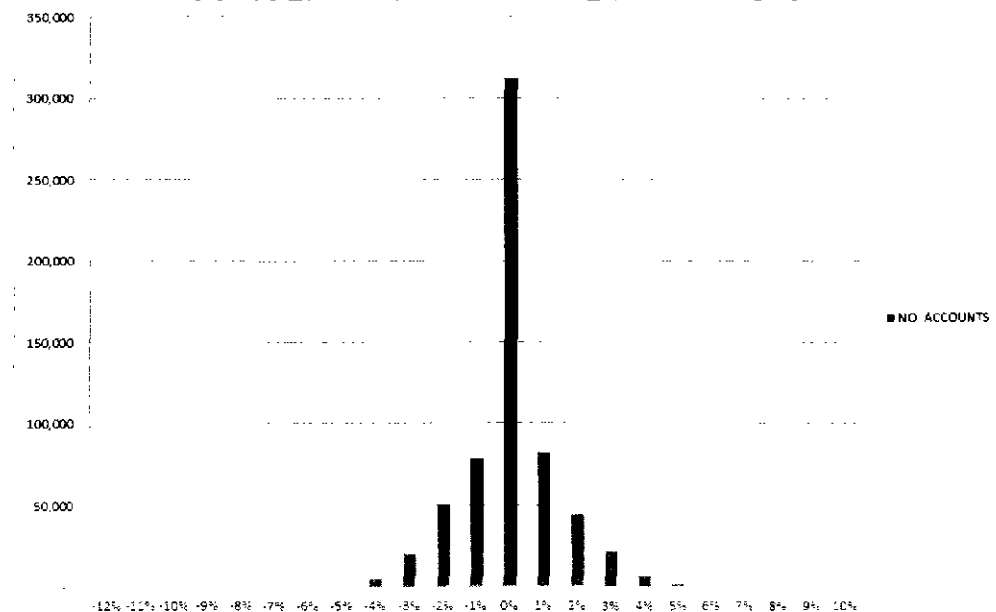
14 **Q. WILL THE STRUCTURE OF RIDER RE CHANGE?**

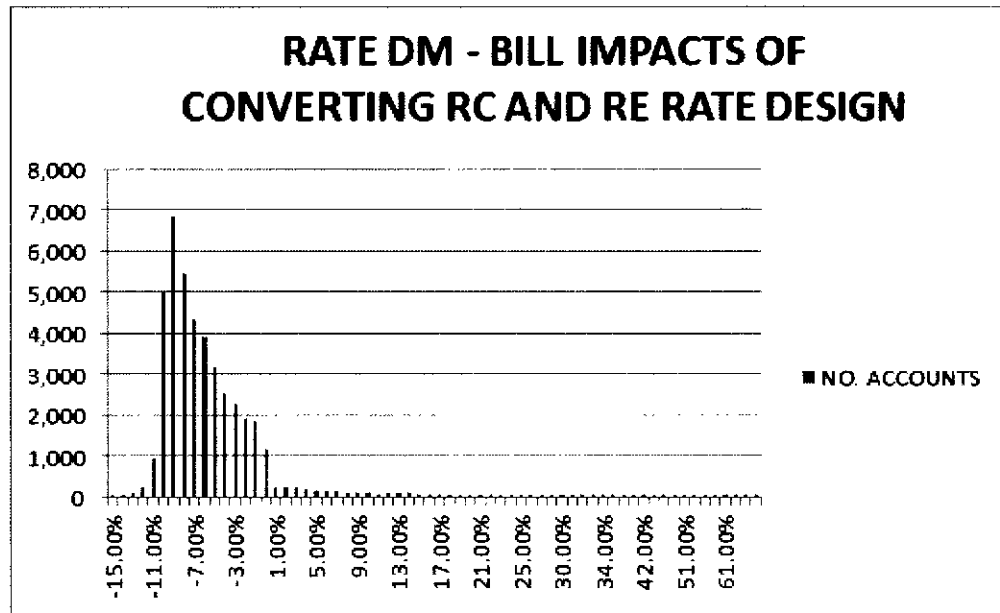
15 A. The Company intends to maintain the current structure of Rider RE, but will

1 modify the design for some of the base rates. Rider RE rates for customers taking  
2 service under Rate RS, Rate RSLI, Rate RS3P, Rate ORH, and Rate DM consist  
3 of stepped, summer and winter rates. The Company proposes to continue the  
4 seasonal stepped rates, but to reduce the differences between the stepped rates.  
5 As with Rider RC, the purpose of this change is to design auction-procured  
6 residential rates that better reflect rates offered in the competitive retail market.

7 The following charts show the annual total bill impacts of the proposed  
8 auction rate structure for each account served under Rate RS and Rate DM. The  
9 charts assume that all of the customers take SSO service, under the rates proposed  
10 in the Application filed in these proceedings.

### **RATE RS - BILL IMPACTS OF CONVERTING RC AND RE RATE DESIGN**





1    **Q.     PLEASE DISCUSS THE RIDER RC AND RIDER RE RATES THAT ARE**  
2       **INCLUDED IN ATTACHMENTS JEZ-1 AND JEZ-2, IN LIGHT OF THE**  
3       **FACT THAT DUKE ENERGY OHIO HAS NOT HELD AUCTIONS FOR**  
4       **SSO GENERATION FOR DELIVERY PERIODS AFTER MAY 31, 2015.**

5    **A.     The Rider RC and Rider RE tariff sheets contained in Attachments JEZ-1 and**  
6       **JEZ-2 contain illustrative rates that are based on the blended auction price for the**  
7       **June 1, 2014, through May 31, 2015, delivery period. The Company cannot**  
8       **calculate actual Rider RC and Rider RE rates for the delivery period beginning**  
9       **June 1, 2015, until those auctions have been conducted. The illustrative Rider RC**  
10      **and Rider RE rates in Attachments JEZ-1 and JEZ-2 provide a feel for how the**  
11      **revised rates are likely to look.**

12   **Q.     PLEASE DESCRIBE THE PROPOSED CHANGES TO RIDER NM, NET**  
13      **METERING RIDER.**

14   **A.     The Company proposes to add language to Rider NM, Sheet No. 48, to clarify the**  
15      **billing process for net metering customers. Presently, the tariff states that credits**

1 for excess generation shall be calculated based on Rider RE. Because Duke  
2 Energy Ohio's SSO generation rate is collected through two riders – Rider RC  
3 and Rider RE – the Company proposes to clarify that credits will similarly be  
4 based on Riders RC and RE. This is consistent with current Company practice.

5 For customers served under Rate DS, Rate DP, and Rate TS, Rider RC  
6 currently contains demand charges and, as previously discussed, the proposed  
7 Rider RC contains load factor steps that vary based on billed kW or kVA. The  
8 meters for DS, DP, and TS customers measure kWh in two directions – power  
9 flowing from Duke Energy Ohio to the customer and power flowing from the  
10 customer to Duke Energy Ohio. The Company proposes to add clarifying  
11 language to Rider NM. The new language states that, for customers that are net  
12 purchasers of kWh during a month (*i.e.*, kWh from the Company to the customer  
13 exceed kWh flowing from the customer to the Company), demands will be based  
14 on the meter channel that records power flows from the Company to the customer.  
15 For customers that are net generators during a month (*i.e.*, kWh from the  
16 Company to the customer during the month are less than kWh flowing from the  
17 customer to the Company), demand-related credits shall be calculated based on  
18 data from the meter channel that records power flows from the customer to the  
19 Company.

20 **Q. ARE THE PROPOSED CHANGES TO RIDER NM CONSISTENT WITH**  
21 **OHIO RULES?**

22 **A.** Yes. The proposed changes to Rider NM address billing-related issues that are



1 not covered by Ohio rules, but are critical to calculating bills for net metering  
2 customers' service under Rate DS, Rate DP, and Rate TS.

3 **Q. DOES DUKE ENERGY OHIO PROPOSE TO MAKE ANY OTHER**  
4 **CHANGES TO THE NET METERING RIDER?**

5 A. Not at this time.

**D. CONTINUING RIDERS**

6 **Q. IS THE COMPANY INTENDING TO CONTINUE CERTAIN EXISTING**  
7 **RIDERS?**

8 A. Yes. In this regard, reference is made to Attachment JEZ-4, which identifies  
9 those riders that the Company proposes to continue. As the Commission has  
10 approved certain of these riders to persist after the termination of the current ESP,  
11 I will not discuss them here. Additionally, it is not my intention to elaborate on  
12 all riders that were approved in connection with the current ESP and the  
13 continuation of which the Company now seeks Commission approval. Also, I am  
14 not discussing those riders that may have been approved in dockets other than an  
15 SSO proceeding but will remain a part of the Company's retail electric tariff.  
16 Rather, I discuss here the continuation of the Distribution Decoupling Rider  
17 (Rider DDR) and the Company's time-differentiated rate options.

18 **Q. PLEASE DISCUSS THE CONTINUATION OF RIDER DDR.**

19 A. On December 8, 2011, Duke Energy Ohio filed an application in Case No. 11-  
20 5905-EL-RDR, along with supporting testimony, requesting approval of Rider  
21 DDR. In its application, the Company explained that the decoupling mechanism  
22 contained in Rider DDR would adjust rates between rate cases to remove Duke

1 Energy Ohio's incentive to increase volumetric consumption, but would not apply  
2 to customers served under Rate DS, Rate DP, and Rate TS. Moreover, the  
3 Company stated that decoupling would be preferable to the collection of lost  
4 distribution revenues in connection with lost sales from energy efficiency  
5 programs. Rider DDR was established as a three-year pilot, to run from January 1,  
6 2012, through December 31, 2014. During the term of the pilot, Rider DDR rates  
7 have been determined by comparing authorized distribution revenues, with some  
8 exceptions, to revenues actually collected, on a monthly basis, for each rate class.  
9 Rider DDR is updated by March 1 of each year, to true up the prior calendar year.  
10 The Commission approved Rider DDR on May 30, 2012. Duke Energy Ohio  
11 made update filings in Case No. 11-5905-EL-RDR to establish decoupling rates in  
12 February 2013 and February 2014.

13 The Company proposes to continue Rider DDR in its current form until  
14 the Commission approves the Company's next distribution base rate case filing.  
15 Rider DDR has been successful so far, and has allowed for the true-up of base  
16 distribution revenues for the applicable rate classes, with only minor impacts on  
17 customer bills. Duke Energy Ohio proposes to address distribution decoupling in  
18 its next distribution base rate case filing, and will propose straight fixed variable  
19 (SFV) distribution rate design, at least as an alternative to the traditional rate  
20 design. In its Order in Case No. 10-3126-EL-UNC, the Commission informed the  
21 Ohio electric utilities that it encourages each utility to propose an SFV rate design  
22 and that, if the utilities did not include such a proposal, it would direct Staff "to  
23 include in its Staff Report an alternative rate design that includes SFV

principles.”<sup>1</sup> Assuming the Commission ultimately approves SFV rates in the Company’s next base distribution rate case, Rider DDR would be inapplicable and would be terminated at that time.

**Q. WHAT EXISTING RIDERS ARE NOT AFFECTED BY THE ESP FILING?**

A. Attachment JEZ-4 lists, in tabular form, new riders, eliminated riders, modified riders, and riders continuing without modification.

**Q. IS DUKE ENERGY OHIO OFFERING ANY TIME-DIFFERENTIATED PRICING OPTIONS?**

A. Yes. For residential customers, the Company will continue to offer Rate TD (Optional Time of Day Rate) and Rate TD-13 (Optional Time of Day Rate For Residential Service With Advanced Metering). Rate TD-13 was developed as a pilot in conjunction with the SmartGrid Collaborative. Rate TD-13 will continue pursuant to ongoing discussions between the SmartGrid Collaborative, the Commission, and the Company.

For non-residential customers, Rider LM (Load Management Rider) and Rate RTP (Real Time Pricing Program) will continue to be available. The Company’s PowerShare program will also continue.

**III. OTHER TARIFF CHANGES**

**Q. IS DUKE ENERGY OHIO PROPOSING TO MAKE CHANGES TO ITS BASE RATE TARIFF SHEETS?**

---

<sup>1</sup> *In the Matter of Aligning Electric Distribution Utility Rate Structure with Ohio’s Public Policies to Promote Competition, Energy Efficiency, and Distributed Generation*, Case No. 10-3126-EL-UNC, Finding and Order, at pg. 20 (August 21, 2013).

1 A. The base rate tariff sheets will not change, except that the Applicable Riders  
2 sections of the sheets have been revised to reflect the deleted and new riders, as  
3 discussed in this filing.

4 **Q. ARE THERE ANY PROPOSED CHANGES TO THE COMPANY'S**  
5 **ELECTRIC SERVICE REGULATIONS?**

6 A. Yes. The Company proposes to revise Section III – Customer Choice Enrollment  
7 and Participation Guidelines, Sheet No. 22.8. The Company proposes to make  
8 various minor text changes. Also, small non-residential customers are renamed as  
9 “Non-Mercantile,” and large non-residential customers are renamed as  
10 “Mercantile.” The Company proposes to delete some text from the Bill Payment  
11 Option section of the tariff sheet.

12 **Q. ARE PROPOSED REVISED TARIFF PAGES BEING FILED AT THIS**  
13 **TIME?**

14 A. Yes. For completeness and clarity, a clean, complete copy of the retail tariff is  
15 being filed, including those sheets that are not affected by the proposed SSO.

16 **Q. WILL DUKE ENERGY OHIO BE ABLE TO BILL THE RATES**  
17 **DESCRIBED IN YOUR TESTIMONY?**

18 A. Yes. The proposed riders are structured such that they can easily be added and  
19 billed through the Company's billing system.

20 **Q. WHICH OF THE RIDERS WILL APPEAR AS SEPARATE LINE ITEMS**  
21 **ON RETAIL BILLS?**

22 A. The Company proposes to show each of the bypassable riders as separate line  
23 items on customer bills. For example, Rider RC and Rider RE charges will be

1 displayed separately on bills. This will add clarity and transparency and will help  
2 customers to calculate their price to compare numbers. Subject to the  
3 Commission's approval, the bypassable SSO riders will appear in the generation  
4 section of each customer bill.

#### **IV. CONCLUSION**

5 **Q. HOW DOES THE COMPANY PROPOSE THAT ITS TARIFFS,**  
6 **INCLUDING THE PREVIOUSLY DISCUSSED RATES AND CHARGES,**  
7 **BE IMPLEMENTED?**

8 A. Duke Energy Ohio proposes that the revised tariffs, including the rates and  
9 charges complying with the Commission's Order in this case, be effective June 1,  
10 2015, for all customers.

11 **Q. WERE ATTACHMENTS JEZ-1 THROUGH JEZ-4 PREPARED BY YOU**  
12 **OR UNDER YOUR SUPERVISION?**

13 A. Yes.

14 **Q. IS THE INFORMATION CONTAINED IN ATTACHMENTS JEZ-1**  
15 **THROUGH JEZ-4 TRUE AND ACCURATE TO THE BEST OF YOUR**  
16 **KNOWLEDGE AND BELIEF?**

17 A. Yes.

18 **Q. DOES THIS CONCLUDE YOUR PRE-FILED DIRECT TESTIMONY?**

19 A. Yes.

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## **ELECTRIC SERVICE REGULATIONS**

### **SECTION I - SERVICE AGREEMENTS**

#### **1. Application for Service.**

When a customer desires electric service, application shall be made to the Company, specifying the date service is desired and the place where service is to be furnished. An oral application may be accepted by the Company, although a written application or agreement may be required at the option of the Company at the time of application or at any later time.

When a customer requests to be enrolled in the Customer Choice program he or she shall do so in accordance with the guidelines established in Section III, Customer Choice Enrollment and Participation Guidelines.

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

A customer may terminate electric service by giving the Company reasonable notice, but not less than three (3) business days prior to termination. The Company will accept such notice as a cancellation of service, except as may be provided in a signed service agreement, rate schedules, or elsewhere in these ELECTRIC SERVICE REGULATIONS.

#### **3. Company's Right to Refuse or to Disconnect Service**

The Company, in addition to all other legal remedies, may terminate the service agreement and refuse or discontinue service to an applicant, consumer or customer, for any of the following reasons:

- (a) Upon the request of the customer for temporary disconnection of service for maintenance or other reasons. A residential customer residing in a single family home should contact the Company approximately four (4) hours in advance of the time of requested disconnection. All other residential and non-residential customers shall contact the Company at least three (3) business days in advance of date of the requested disconnections. Note: If any rewiring or change in electric service is being done during the disconnection period, other Company requirements must be met before electric service will be reconnected;
- (b) When the customer has moved from the premises, neglected to request disconnection of service, and an investigation by the Company indicates that service is no longer required;
- (c) When continued service would jeopardize the life or property of the customer, the Company, or the public, service may be disconnected without notice to the customer;
- (d) When supplying electricity to any consumer or customer creates a dangerous condition on the consumer's or customer's premises or where, because of conditions beyond the consumer's or customer's premises, termination of the supply of electricity is reasonably necessary. Service will not be restored until such dangerous condition or conditions have been corrected;

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

- (e) When providing service is in conflict or incompatible with any laws, regulations or orders of the Public Utilities Commission of Ohio, the State of Ohio or any political subdivision thereof, or of the Federal Government or any of its agencies;
- (f) When a customer or applicant refuses to provide reasonable access to the premises or ignores repeated requests for access pursuant to Rule 4901:1-18-03 (E) of the Ohio Administrative Code.
- (g) When in the sole opinion of the Company, the customer's equipment interferes with the electric service provided to other customers;
- (h) For any violation of or refusal to comply with these ELECTRIC SERVICE REGULATIONS as filed with the Public Utilities Commission of Ohio;
- (i) For any violation of or refusal to comply with the requirements as outlined in the Company's publications relating to electric service as set forth in Section II, Paragraph 9, Service Voltages and Regulations;
- (j) For any violation of or refusal to comply with requirements contained in special agreements or contracts between the customer and the Company;
- (k) Nonpayment of bills when due, for non-residential customers only, pursuant to Rule 4901:1-10-17 of the Ohio Administrative Code.

For the disconnection of service to residential customers for nonpayment of bills, the Company will follow the procedures as set forth in Section VII Paragraph 1, Disconnection for Nonpayment: Residential Customers, of these ELECTRIC SERVICE REGULATIONS; and

- (l) In the event the consumer or customer resorts to theft or any fraudulent representation or practice in the obtaining of electric supplied, or is the beneficiary of any such fraudulent representation or practice, or the meter, metering equipment or other property used to supply the service has been damaged or tampered with by the consumer or customer, his servants or agents.

Service will not be restored until the consumer or customer has given satisfactory assurance that such fraudulent or damaging practice will be discontinued, and has paid to the Company an amount estimated by the Company to be reasonable compensation for service fraudulently obtained and not paid for and for any damage to property of the Company including any cost to repair the damage.

Failure of the Company to exercise any of its rights for the above reasons does not affect its right to resort thereafter to any such remedies for the same or any future default or breach by the customer. Refusal of or disconnection of service is not an exclusive remedy. The Company may exercise any other appropriate remedy provided by law including civil suit and/or criminal prosecution.

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

##### **4. Change of Address of the Customer**

When the customer's address changes, the customer must give notice thereof to the Company prior to the date of change. The customer is responsible for all service supplied to the vacated premises until such notice has been received and the Company has had reasonable time, but not less than three (3) business days, to discontinue service.

If the customer moves to an address at which the customer requires electric service for any purpose specified in the service agreement, and at which address the Company has such service available under the same rate schedule, the notice is considered as the customer's request that the Company transfer such service to the new address. If the Company does not have such service available at the new address, the old service agreement is considered cancelled. If the 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 the customer. The Company shall transfer service within a reasonable time after receipt of notice.

##### **5. Successors and Assigns**

The benefits and obligations of the application for service shall inure to and be binding upon the successors and assigns, survivors and executors or administrators, as the case may be, of the original parties thereto, for the full term thereof, to the extent permitted by applicable law, provided that no assignment hereof shall be made by the customer without first obtaining the Company's written consent.

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## SECTION II - SUPPLYING AND TAKING OF SERVICE

### 1. Supplying of Service

Service is supplied under and pursuant to these ELECTRIC SERVICE REGULATIONS and any modifications or additions thereto lawfully made and approved by the Public Utilities Commission of Ohio.

The services supplied under these Service Regulations are governed by applicable provisions of the Ohio Revised Code (ORC) and the Ohio Administrative Code (OAC). No provision of these Service Regulations shall be read to contradict any provision of either the ORC or the OAC except pursuant to a waiver granted by the Public Utilities Commission of Ohio.

Notwithstanding any provisions of Title XLIX of the ORC to the contrary and irrespective of the voltage level at which service is taken, any customer who receives non-competitive retail service from the Company shall be considered a retail electric distribution service customer.

Service is supplied under a given rate schedule at such points of delivery as are adjacent to the Company's facilities which are adequate and suitable, as to capacity and voltage, for the service desired; otherwise, special agreements between the customer and the Company may be required. Should the electric power requirements of the customer change, as to capacity or use, the Company may require that the service be supplied from a different facility if the original facility is or becomes inadequate and unsuitable for the service desired. If special agreements between the customer and the Company are required, electric service will not be supplied until the agreements are executed by the customer and the Company.

Service will not be supplied to any premises if at the time of application for service applicant is indebted to Company for service previously supplied at the same or other premises for like services until payment of such indebtedness shall have been made. Unpaid balances of previously rendered final bills may be transferred and included on the initial or subsequent bill for a like service account. Such transferred final bills, if unpaid, will be part of the past due balance of the transferee account and subject to the Company's collection and disconnection procedures which are governed by Chapters 4901:1-10 and 4901:1-18 of the OAC. The transfer of bills is limited to like service, i.e., residential to residential, commercial to commercial, gas to gas, electric to electric, and combination to combination. The unpaid balances for electric and gas service in a combination account shall remain separate. The transfer of unpaid balances from a combination account to a transferee combination account is limited to like service, i.e., electric to electric and gas to gas. Any transfer of gas, electric or combination accounts shall not affect the residential customer's right to elect and maintain an extended payment plan for gas, electric or combination service under Rule 4901:1-18-10 of the OAC.

The availability of service under this tariff, P.U.C.O. Electric No. 19, to customers who have elected to relieve the Company of its obligation to provide generation service under the Company's regulated Standard Offer Rate shall be subject to the rules, regulations and Orders of the Public Utilities Commission of Ohio.

Commercial service will not be supplied or continued to any premises if at the time of application for

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commercial service, applicant or customer is merely acting on behalf of or is a business representative of a present or former commercial customer who is indebted to the Company for commercial service previously supplied at the same or other premises until payment of such indebtedness shall have been made. Commercial service will not be supplied where the applicant or customer is a person, or partnership which person or whose general partner is a present or former customer who is indebted to the Company for commercial service previously supplied at the same or other 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 must be obtained from the Company. This information should be requested at least thirty (30) days in advance of the time of construction of the project to allow the necessary time required to determine the exact engineering details for the individual customer installation. Such information will be confirmed in writing, if requested by the customer. The customer's service terminals are to be located at a point readily accessible to the Company's facilities, such point to be determined by the Company.

In any instance where the Company determines that a prospective customer must sign a construction, maintenance, or special equipment agreement, or any other written agreement in order to provide for the *ongoing and overall service of the customer's electric requirements, all such agreements must be fully executed and received by the Company prior to the energizing of the customer's system.* The providing of energy on a temporary basis has no effect on the above requirements relating to permanent service.

### 3. Continuity of Service

The Company will 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 accident or *casualty, extraordinary action of the elements, action of any governmental authority, litigation, deficiency of supply, or by any cause which the Company could not have reasonably foreseen and made provision against.*

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

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

### 5. Use of Service

Service is supplied directly to the customer through the meter and is to be used by the customer only for the purposes specified in and in accordance with the provisions of the applicable rate schedule and

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these regulations and any service agreement.

The customer will not build lines across or under a street, alley, lane, court or avenue or other public space in order to obtain service for adjacent property through one meter, even though such adjacent property is owned by customer, without the prior written approval of the Company.

In case of unauthorized sale, extension or other disposition of service, the Company may discontinue the supplying of service to the 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 the Company for all extra expenses incurred, including expenses for clerical work, testing and inspections. Failure of the Company to exercise its right to discontinue the supplying of service in the above situations does not affect its right to resort thereafter to such remedy for the same or any future default or breach by the customer. For residential customers engaging in such practices, discontinuation of supply is governed by the provisions of OAC, Chapter 4901:1-18.

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

No emergency power supply of an "on premises" or similar basis shall be connected to the customer's wiring installation, either by means of a "throwover" switch or any other means, without advance notification and written approval from the Company and without provisions to prevent feedback into the Company's equipment which could be a safety hazard to the Company's personnel.

All cogeneration and/or small power production customers shall, in addition to the requirements contained in these ELECTRIC SERVICE REGULATIONS, the latest edition of the National Electrical Code and the latest edition of the Company's "Information & Requirements for Electric Service," be required to meet the requirements contained in the Company's "Guideline Technical Requirements for Parallel Operation of Customer Generation." A separate written contract is required between the owners of all such facilities and the Company.

### 6. Customer's Responsibility

The Customer assumes all responsibility on the customer's side of the point of delivery (the end of the Company's service drop or where the Company's wires are joined to the customer's wires or apparatus) for the service supplied or taken, as well as for the electrical installation and maintenance, appliances, and apparatus used in conjunction therewith, and will save the 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 the customer's side of the point of delivery.

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

The customer, without reimbursement, shall furnish all necessary rights of way upon or across property owned or controlled by the customer for any and all of the Company's facilities that are necessary or incidental to the supplying of service to the customer, or to continue service to the customer.

The customer, without reimbursement, will make or procure conveyance to the Company, all necessary rights of way upon or across property owned or controlled by the customer along dedicated streets and roads, satisfactory to the Company, for the Company's lines or extensions thereof necessary or maintenance incidental to the supplying of service to customers beyond the customer's property, in the form of Grant or instrument customarily used by the Company for these facilities.

Where the Company seeks access to the customer's property not along dedicated streets and roads for the purpose of supplying or maintaining service to customers beyond the customer's property, the Company will endeavor to negotiate such right of way through an agreement that is acceptable to both the Company and the customer, including with compensation to the customer. Notwithstanding the foregoing, the Company and its customers maintain all their rights under the law with respect to the Company acquiring necessary rights of way in the provision of service to its customers.

### **8. Access to Premises**

The properly authorized agents of the Company shall at all reasonable hours have the right and privilege to enter the premises of customers for the purpose of reading meters, testing or determining the compliance of the customer's installation with the Company's requirements and of examining, repairing, replacing or removing the meters or for removing or disconnecting any or all of the Company's equipment, or other Company property, and for all other purposes incidental 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. Reasonable hours of access are the daylight hours except for emergencies, where requested by the customer, or with the customer's consent and except for disconnection for nonpayment of bills, which hours of access are subject to the provisions under Section VII Paragraph 1, Disconnection for Nonpayment: Residential Customers, of these ELECTRIC SERVICE REGULATIONS.

Upon request, the Company's authorized agent shall identify himself/herself, provide Company photo identification and state the reasons for the visit.

If, after the Company has made reasonable efforts to obtain access to the premises for the purposes described above, the customer fails to grant the Company access, the customer denying access shall be deemed in violation of these ELECTRIC SERVICE REGULATIONS pursuant to Section I Paragraph 3 herein, Company's Right to Refuse or to Disconnect Service. In the case of residential customers, the Company may disconnect service when the customer, through their action or inaction, prevents Company personnel from reading the meter for twelve (12) or more consecutive months. In the case of a non-residential customer, the Company shall give the customer not less than five (5) days written notice before service is disconnected.

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If judicial redress against the customer or landlord is necessary to secure access to the premises for the purposes described above, the Company may collect from the customer or the landlord a charge covering the Company's expenses in securing access, including but not limited to court costs and attorney's fees. This charge may be added to any account of the customer or the landlord and shall be due with the current charges on that account.

### 9. Service Voltages and Regulations

The Company will provide service at the nominal voltage levels as stated in the latest revision of the Company's booklet entitled "Information & Requirements for Electric Service," copies of which are available at the Company's offices. Those nominal voltage levels and service configurations are shown below.

- A. The following service voltages, 600 volts or less, are supplied by the Company:
  - 1. Single-phase, 3-wire, 120/240 volts AC at 60 Hz.
  - 2. Three-phase, 4-wire, 208Y/120 volts AC at 60 Hz.
  - 3. Three-phase, 4-wire, 480Y/277 volts AC at 60 Hz.
- B. The following service voltages, over 600 volts, are supplied by the Company:
  - 1. Three-phase, 4-wire, 4160Y/2400 volts AC at 60Hz.
  - 2. Three-phase, 4-wire, 12470Y/7200 volts AC at 60 Hz.
  - 3. Three-phase, 4-wire, 34500Y/19920 volts AC at 60 Hz.
  - 4. Three-phase, 3-wire, 69000 volts AC at 60 Hz.
  - 5. Three-phase, 3-wire, 138000 volts AC at 60 Hz.
- C. The following voltages are available for limited use: (for availability, contact the Company)
  - 1. Single-phase, 3-wire, 120/208 volts AC at 60 Hz.
  - 2. Three-phase, 4-wire, 240/120 volt AC at 60 Hz
  - 3. Three-phase, 3-wire, 33000 volts AC at 60 Hz.
- D. These voltages are nominal and may vary depending on operating conditions:
  - 1. Three-phase, 4-wire services are supplied with a grounded neutral.
  - 2. Three-phase, 3-wire services are supplied without a neutral.

For all service supplied at nominal voltage levels of 34.5 kV three phase four-wire (3P 4-wire) and lower, except for 34.5 kV three phase three-wire (3P 3-wire), the Company shall design and operate its system as provided for in the current version of the American National Standard ANSI C84.1-1995(R2001), approved by American National Standards Institute, Inc. The limits noted for utilization voltage levels do not apply to momentary voltage excursions that may result from such causes as switching operations, motor starting currents, etc.

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### SECTION III - CUSTOMER CHOICE ENROLLMENT AND PARTICIPATION GUIDELINES

#### 1. Selection of Certified Supplier

In order to obtain Competitive Retail Electric Service from a Certified Supplier, a customer must enter into an agreement with a Certified Supplier who meets the requirements for participation in this Customer Choice Program pursuant to the Certified Supplier Service Rules, Regulations, and Rates, specified in Duke Energy Ohio P.U.C.O. Electric No. 20. Enrollment of customers is done through a Direct Access Service Request (DASR), which may be submitted only by Certified Suppliers. DASRs will be effective on the next regularly scheduled meter read date provided that it is received by the Company at least twelve (12) calendar days before the next regularly scheduled meter read date. Enrollments will be processed on a "first in" priority basis based on the received date, using contract date as the tiebreaker. Should the contract date also be the same, the enrollments will be processed on a first in priority basis, based on the order in which the Company received the DASRs. An account may only be served by one Certified Supplier at a time.

Customers may contact the Company at any time to report that they have been switched without giving consent. To decrease the probability of this occurring, the Company requires that Certified Suppliers obtain, and maintain in their files, customer authorizations as dictated by Commission rules. These authorizations must be made available to the Company, upon request, within three (3) business days.

#### 2. Pre-Enrollment End-use Customer Information List

Upon request, the Company will electronically provide to any supplier certified by the Commission the most recent End-use Customer information list. Once the list has been updated, a supplier may not use an End-use Customer information list from a prior quarter to contact a customer, but suppliers shall not be required to purchase subsequent lists.

The Company will provide customers the option to have all the customer's information listed in the section below removed from the End-use Customer information list. The Company will also provide customers the option to have all the customer's information listed below reinstated on the End-use Customer information list. The customer will be provided written notice of his or her options.

The following information will be provided on the End-use Customer information list for each customer who has not requested that all information be removed from this list:

- (a) End-use Customer name
- (b) Service Address
- (c) Service City
- (d) Service State and Zip Code
- (e) Billing Address
- (f) Billing City
- (g) Billing State and Zip Code

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- (h) Rate Schedule under which service is rendered, including class and sub-class (if applicable)
- (i) Rider (if applicable)
- (j) Load Profile Reference Category
- (k) Meter Type (will provide information that is readily available)
- (l) Interval Meter data indicator (will provide information that is readily available)
- (m) Budget Bill/PIPP indicator
- (n) Meter Read Cycle
- (o) Most recent twelve (12) months of historical consumption data (actual energy usage plus demand, if available)

**3. Customer Choice Participation Requirements**

To participate in the Customer Choice Program, a customer must have an active electric service account with the Company. After the Company has accepted the customer's application for electric service, the customer may select and contact a Certified Supplier. The Company shall provide a list of all approved Certified Suppliers and which classes of customers the Certified Supplier will serve to a) all of its customers quarterly; b) all applicants for new service and customers returning to Standard Offer Service; and c) any customer upon request. The Company shall not endorse any Certified Supplier nor indicate that any Certified Supplier will receive preference because of a corporate relationship.

Interval Meters are required for customers who choose a Certified Supplier and have a maximum peak demand equal to or greater than 200 kW for the most recent twelve (12) month period. Interval Meters are also required for those customers that have an interruptible load contract with their Certified Supplier. The Company may also require Interval Metering, at Company expense, for other customers based on a review of the customer's rate schedule, billing history and class load profile information. In addition, a communication link must also be installed. The enrollment DASR for these customers will not be approved until a customer-signed Interval Meter request work order has been executed and submitted approving the Interval Meter installation.

Customers are responsible for the incremental costs of the Interval Meters and the incremental costs associated with the installation of required Interval Metering. While the Company will install the meter, the Certified Supplier, on behalf of the customer, or the customer, must arrange for the installation of the communication link (analog telephone line, hard wired or cellular). The Company will be allowed access to the communication link for meter interrogation. The Interval Metering equipment will be maintained and owned by the Company. The charges for the installation of the Interval Metering equipment are specified on tariff Sheet No. 96 "Meter Service Charges." These charges may be paid over a period not to exceed twenty-four (24) months.

Upon the successful processing of an enrollment and/or drop DASR, the Company will notify the customers in writing with the name and phone number of the Certified Supplier, the previous Certified Supplier (if applicable), the effective service change date, the Company's toll-free telephone number, the right to request an actual meter read prior to the transfer of service and the right to rescind (if applicable).

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#### 4. Switching Rules

An enrollment DASR must be received by the Company at least twelve (12) calendar days before the effective date, which will be the customer's next regularly scheduled meter reading date, to enroll with or switch to a new Certified Supplier. Enrollment DASRs will be effective according to the following schedule:

- (a) If an enrollment DASR is received twelve (12) or more days prior to the next regularly scheduled meter read date and no other enrollment DASR is currently pending, the enrollment DASR will be effective on the next regularly scheduled meter read date.
- (b) If an enrollment DASR is received less than twelve (12) days prior to the next regularly scheduled meter read date and no other enrollment DASR is currently pending, the enrollment DASR will be effective on the second regularly scheduled meter read date after the enrollment DASR is received.
- (c) If an enrollment DASR is currently pending, and another enrollment DASR is received, the first enrollment DASR will be effective and the second enrollment DASR will be rejected. There cannot be two pending enrollment DASRs for the same account at the same time.
- (d) If an enrollment DASR for an active electric service account is submitted for the Company Consolidated billing option known as Bill Ready and the account is currently involved in the Company's summary billing program, the DASR will be rejected until the Company's information system has the capability to accept such DASRs. In order for an enrollment DASR to be accepted for a summary billing account, the Certified Supplier must submit the DASR with a billing option for either separate billing by the Company and the Certified Supplier or the Company Consolidated billing option known as Rate Ready.
- (e) If an enrollment DASR for an active electric service account is submitted for the Company Consolidated billing option known as Bill Ready and the account is currently involved in the Company's adjusted due date program, the DASR will be rejected until the Company's information system has the capability to accept such DASRs. In order for an enrollment DASR to be accepted for an account with an adjusted due date, the Certified Supplier must submit the DASR with a billing option for either separate billing by the Company and the Certified Supplier or the Company Consolidated billing option known as Rate Ready.

For the purpose of switching rules, customers are divided into three categories; Residential End-use Customers, Nonmercantile Customers, and Mercantile Customers. Residential End-use Customers are customers who use electricity for residential purposes. Nonmercantile Customers are defined as customers who use electricity for nonresidential purposes, consume less than 700,000 kWh of electricity per year and are not part of a national account involving multiple facilities in one or more states. Mercantile Customers are customers who use electricity for nonresidential purposes, consume greater than or equal to 700,000 kWh of electricity per year or are part of a national account involving multiple facilities in one or more states.

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Residential End-use Customers and Nonmercantile Customers, pursuant to Commission rules, have the right to rescind an enrollment. Any Residential End-use Customer or Nonmercantile Customer enrollment, either with a Certified Supplier or with the Company, may be rescinded by contacting the Company within seven days from the postmark date on the notice advising of the enrollment. When the Company receives notice of a rescission, the impending enrollment will be cancelled and the Residential End-use Customer or Nonmercantile Customer will remain with their current supplier.

#### **End-use Customer Return to SSO Service**

- (a) An End-use Customer's return to SSO service may be a result of End-use Customer choice, Certified Supplier default, termination of a Certified Supplier contract, opt out or termination of a governmental aggregation program, or Certified Supplier withdrawal.
- (b) An End-use Customer may contact the Company to return to the Company's SSO. The return to the SSO shall be conducted under the same terms and conditions applicable to an enrollment with a Certified Supplier. Thus, the Company will provide a rescission period consistent with the Commission's rules. Provided the End-use Customer has observed the applicable notification requirements and the Company has effectuated the request to return to the SSO twelve calendar days prior to the next regularly scheduled Meter Read Date, the End-use Customer will be returned to the SSO on the next regularly scheduled Meter Read Date.
- (c) Residential End-use Customers
  - i) Residential End-use Customers are not subject to a minimum stay.
  - ii) If a Residential End-use Customer's Certified Supplier defaults or the Residential End-use Customer opts out of a governmental aggregation program, the Residential End-use Customer will return to the Company's SSO and may switch to another Certified Supplier at any time. A Residential End-use Customer opting out of a governmental aggregation program must contact and inform the Company of the "opt out".
  - iii) The Residential End-use Customer will be mailed a letter the day following the successful processing of a DASR returning the Residential End-use Customer to the Company.
- (d) Non-Mercantile Customers
  - i) Non-Mercantile Customers are not subject to a minimum stay.

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- ii) If a Nonmercantile Customer returns to the Company, the Nonmercantile Customer is placed on the SSO. The Nonmercantile Customer will be mailed a letter the day following the successful processing of a DASR returning the Nonmercantile Customer to the Company.

(e) Mercantile Customers

- i) Mercantile Customers are not subject to a minimum stay.
- ii) If a Mercantile Customer returns to the Company, the Mercantile Customer is placed on the SSO. The Mercantile Customer will be mailed a letter the day following the successful processing of a DASR returning the Mercantile Customer to the Company.

**5. Certified Supplier Defaults**

If a Certified Supplier defaults, the Company will notify the customers of the default. However, service to the affected customers will not be interrupted due to the default. The customers involved will return to the Company's Standard Offer Rate on their next regular scheduled meter read date, unless there is sufficient time to choose an alternative supplier.

**6. Certified Supplier Drops Customer**

If the Certified Supplier decides to discontinue service to a customer, the Certified Supplier will notify the customer in accordance with Commission rules and submit a Drop DASR to the Company at least twelve (12) calendar days in advance of the requested drop date, which will be the next regular scheduled meter read date. The Company will notify the customer when a Drop DASR is received.

**7. Requests for Customer Specific Usage Information**

A customer or a Certified Supplier, acting as the customer's authorized agent, may request specific usage information. The customer specific usage request will include twelve (12) months of historical data (if available) including monthly kWh usage, meter read dates, and associated monthly maximum demand history, if applicable.

This information will be provided to the customer or the Certified Supplier, acting as the customer's authorized agent, free of charge.

If the customer requests monthly Interval Metering data, the customer will be required to pay the charge specified on the tariff Sheet No. 95 "Meter Data Charges." Charges to Certified Suppliers for Interval Meter data are specified in P.U.C.O. Electric No. 20.

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#### **8. Customer Aggregation**

Customers may be aggregated for purposes of negotiating the purchase of Competitive Retail Electric Services from a Certified Supplier. Customer aggregation is not restricted by the class of customer within an aggregated group. Accordingly, any customer may be represented by an aggregator. However, an aggregator is not a customer, but rather an agent for aggregated customers. Each aggregated customer will be treated as an individual customer of the Company for billing purposes under their otherwise applicable rate schedules. Combination of meter registrations of aggregated customers will not be permitted. No charge of a tariff service will be affected by a customer's aggregation status, and aggregation of load cannot be used for qualification under a tariff.

#### **9. Bill Payment Option**

A Certified Supplier must notify the Company which billing option is being chosen for its customers: (1) Company Consolidated billing or (2) separate billing by the Company and the Certified Supplier. When the Company Consolidated billing option is selected, the customer will receive one bill from the Company, which will include both the Company's and the Certified Supplier's charges stated separately. The customer is responsible for payment in full to the Company for both the Company and Certified Supplier charges when the Company performs consolidated billing. The billing option must be identified at the time the enrollment DSR is submitted to the Company. Regardless of the billing option selected by the Certified Supplier, the customer may still choose to have budget billing for bills rendered by the Company.

For customers who have a maximum annual peak demand greater than or equal to 200 kW for the most recent twelve (12) month period, the required Interval Metering will be used to support the Certified Suppliers' billing options. If a customer has a maximum annual peak demand less than 200 kW and the Company must install special metering to support a Certified Supplier's billing option, the customer will be responsible for the incremental costs of upgrading the present meter plus all costs associated with the installation of that metering equipment. The charges for an Interval Meter will be at the tariffed rate, which may be paid over a period not to exceed twenty-four (24) months.

If the dual bill option is chosen, the customer will receive separate bills from the Company and the Certified Supplier for their respective charges. The Company and Certified Supplier shall be individually responsible for the collection of their respective charges.

Regardless of the bill option chosen by the Certified Supplier, customers who fail to pay in full their Regulated Utility Charges to the Company will be subject to the Company's late payment charge policy as it applies to those Regulated Utility Charges. The customer will also be subject to the rules and regulations governing the credit, collection and disconnection procedures in accordance with Sections 4901:1-17 and 4901:1-18 of the Ohio Administrative Code.

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Filed pursuant to an Order dated in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

Issued:

Effective:

Issued by James P. Henning, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 23.3  
Cancels and Supersedes  
Sheet No. 23.2  
Page 1 of 2

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## **SECTION IV - CUSTOMER'S AND COMPANY'S INSTALLATIONS**

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

All electric service entrance wiring and equipment furnished and installed by the customer for the purpose of connecting the premises with the Company's service, shall be suitable for the purposes thereof and shall be installed, owned and maintained by the customer at all times in conformity with the National Electrical Code, any other codes and regulations in effect in the area served and the standards contained in the latest revision of the Company's booklet entitled "Information & Requirements for Electric Service," copies of which are available at the Company's offices.

### **2. Installation of Meters**

Electricity will be measured by a meter or meters to be owned and installed by the Company in the customer's meter base at a location approved by the Company. The Company will install upon the customer's premises one meter or one unified set of meters for each standard service connection. Meters for new single-family residences are to be located outside the residence.

### **3. Installation and Maintenance**

Except as otherwise provided in these ELECTRIC SERVICE REGULATIONS, in service agreements or rate schedules, the 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 Company owned meters and metering equipment, on the customer's side of the point of delivery without cost to the customer. Only the Company's agents are authorized to connect the Company's service to the customer's service.

All meters and equipment furnished by and at the expense of the Company, which may at any time be on said premises, shall, unless otherwise expressly provided herein, be and remain the property of the Company, and the customer shall protect such property from loss or damage. No one except an agent of the Company shall be permitted to remove or handle same.

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

The rates for each class of service provided for in the rate schedules contemplate the furnishing of service to one location or premises through one standard service connection. Where the customer is receiving service through more than one standard metering installation, the Company will calculate and render a separate bill for service furnished through each metering installation. If the Company elects to provide more than one standard service connection, the Company may, at its option, combine these connections and calculate and render one bill.

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Filed pursuant to an Order dated July 8, 2009 in Case No. 08-709-EL-AIR before the Public Utilities Commission of Ohio.

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Sheet No. 23.3  
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#### **SECTION IV - CUSTOMER'S AND COMPANY'S INSTALLATIONS (Contd.)**

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.

The Company shall not be required to construct general distribution lines underground unless the cost of such special construction for general distribution lines and/or the cost of any change of existing overhead general distribution lines to underground which is required or specified by a municipality or other public authority (to the extent that such cost exceeds the cost of construction of the Company's standard facilities) shall be paid for by that municipality or public authority.

#### **4. 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, the 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 that may affect the service provided to other customers.

#### **5. Changes in Installations**

As the Company's service drops, transformers, meters and other facilities used in supplying service to the customer have limited capacity, the customer should give notice to the Company, and obtain the Company's consent, before making any material changes or increases in the customer's installation. After receipt of such notice, the Company will give its written approval of the proposed change or increase, or it will inform the customer of the prerequisites to receipt of service for such change or increase. Any change affecting an estimated billing demand shall be reviewed by the Company's representative and shall become effective from the succeeding meter reading.

The customer shall be solely responsible for all damages sustained by the Company or any person due to the customer's failure to give reasonable advance notice to the Company of such change in the customer's installation.

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Filed pursuant to an Order dated July 8, 2009 in Case No. 08-709-EL-AIR before the Public Utilities Commission of Ohio.

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Sheet No. 24.1  
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Sheet No. 24  
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## **SECTION V - METERING**

### **1. Meter Tests**

The Company, for the mutual protection of the customer and the Company, will make periodic tests of the meter used in measuring electricity furnished to the customer, and will test a meter upon the written request of a customer. The Company owned meter will be tested and, if found inaccurate, restored to an accurate condition or a new meter will be substituted. Any meter tested and found to be registering not more than two percent (2%) fast or slow will be considered to be correct and accurate.

If a test of any meter is made at the request of a customer, with the result that such meter is found to be correct and accurate as defined above, the Company may charge the customer the expense of such test. However, for the first such meter test the Company will not charge the customer. If, during the subsequent thirty-sixth month period, the customer requests that a meter test be conducted and the meter is found to be within the tolerances described above, the customer will be billed for the expense of such meter test as specified on Sheet No. 96, Meter Service Charges.

### **2. Basis for Bill Adjustment**

The Company will refund to the customer any overcharges if the meter is found to be registering more than two percent (2%) fast and the customer may be billed and will pay the undercharges if the meter is found to be registering more than two percent (2%) slow.

When a period of meter inaccuracy is discernible upon a review of the account history, or if a meter is found to register partially, or not at all, for any period, the overcharge or undercharge may be computed on the basis of a customer's metered consumption prior and/or subsequent to such period in accordance with the rates in effect during the period.

When a period of meter inaccuracy is unknown the overcharge will be determined on the basis of the meter test for the period since the customer's "on" date, the installation date of the inaccurate meter, or for residential customers a period of 365 days prior to the date the inaccuracy is corrected, whichever is less. However, the 365 day restriction for residential customers shall not apply in cases of meter tampering or theft of utility service, or where a physical act of a customer or its agent causes inaccurate or no recording of the electric meter reading, or inaccurate or no measurement of the electricity rendered.

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Filed pursuant to an Entry dated March 29, 2006 in Case No. 06-407-GE-ATA before the Public Utilities Commission of Ohio.

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Issued: March 31, 2006

Effective: April 3, 2006

Issued by Julie Janson, President

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139 East Fourth Street  
Cincinnati, Ohio 45202

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Sheet No. 25.7  
Cancels and Supersedes  
Sheet No. 25.6  
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## SECTION VI - BILLING AND PAYMENT

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

Bills ordinarily are rendered at monthly intervals. Non-receipt of bills by the customer does not release or diminish the obligation of the customer with respect to payment thereof.

The word "month" as it pertains to the supply of service shall mean the period of approximately thirty (30) days between meter readings, as fixed and made by the Company. Meters are ordinarily read monthly, however, meters may be read more or less frequently in such instances as, when special readings are required, at the customer's request, or when the Company has been unable to obtain readings. If the Company has been unable to obtain a meter reading for a period of twelve (12) consecutive months, the Company may, at its option, refuse or disconnect service to the premises in accordance with Section I Paragraph 3, Company's Right to Refuse or Disconnect Service, of these ELECTRIC SERVICE REGULATIONS. The 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 final monthly meter reading was taken on or after the effective date of such change or revision, except as otherwise ordered by the Public Utilities Commission of Ohio.

Where the Company is unable to obtain a meter reading, estimated bills, so identified, will be rendered for an estimated amount to permit normal monthly payment, such payments to be credited to the next bill rendered.

When the Company is requested by the customer to terminate service, or when the Company discovers a customer has terminated service by moving from the premises served, or when the Company disconnects service due to nonpayment of the account or for other reasons, the Company will render a final bill addressed to the customer's forwarding address, if known, or to the last known address, for the entire balance of the account, including a bill calculation from the last read date, pursuant to Rule 4901:1-10-05 (1) of the Ohio Administrative Code, with special meter readings taken for combination gas and electric and gas only accounts and identified estimated meter readings being used for non-heating electric only accounts. Unpaid balances of previously rendered final bills may be transferred to the new account and included on initial or subsequent bills.

When the customer begins use of service, an initial bill is normally rendered for the period from the initial date of service to the first regular meter reading date for the billing district in which the premises is located, this period normally being less than one month, except that the bill is suspended if the period is less than eight (8) days.

All of the Company's rate schedules are established on a monthly basis which would include monthly billing periods in accordance with the Company's meter reading schedule. A normal meter reading period consists of the number of days between scheduled reads, that is, between twenty-seven (27) and thirty-five (35) days, plus or minus three (3) working days. Where billing amounts reflects a period of more than one (1) month, those amounts shall be prorated based on the normal scheduled meter reading dates and divided into increments of one (1) month or less. If the increments represents less than one (1) month, the appropriate billing components will be billed as a prorated portion of the period defined by the normal scheduled meter reading dates.

Filed pursuant to an Order dated May 1, 2013 in Case No. 12-1682-EL-AIR before the Public Utilities Commission of Ohio.

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Sheet No. 25.7  
Cancels and Supersedes  
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## **SECTION VI - BILLING AND PAYMENT (Contd.)**

Bills are due on the date indicated thereon as being the last day for payment of the net amount, and the due date shall not be less than twenty-one (21) days after the mailing of the bill. Bills are payable only at the Company's offices or authorized agencies for collection. If a partial payment is made, the amount will be applied to items of indebtedness in the same order as they have accrued, starting with regulated charges followed by non-regulated charges, pursuant to Rule 4901:1-10-33 (H) of the Ohio Administrative Code.

### **2. Selection of Rate Schedule**

When a prospective customer makes application for service, the Company will, upon request, assist in the selection of the Rate Schedule most favorable to customer for 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.

A customer being billed under one of two or more optional rate schedules applicable to the customer's class of service may elect to be billed on any other applicable rate schedule by notifying the Company in writing, and the Company will bill the 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, or as otherwise provided elsewhere in the applicable rate schedules.

### **3. Temporary Discontinuance of Service**

If any residential customer notifies the Company in writing to discontinue service, the Company will make no minimum charge for any full meter reading period during the period of discontinuance; provided however, that the Company may charge and collect a fee in accordance with paragraph B of Sheet No. 92 prior to reconnecting a service which was discontinued at the customer's request within the preceding twelve months.

### **4. Availability of Budget Billing**

The Company has available to its customers a "Budget Billing Plan" which minimizes billing amount fluctuations over a twelve month period. The Company may exercise discretion, as permitted by Rule 4901:1-18-05 (D) of the Ohio Administrative Code, to restrict the availability of such a plan to customers who:

- (a) Have no arrearages (other than amounts already incorporated in a previously agreed upon extended payment plan); and
- (b) Are not in default on a previously agreed upon extended payment plan.

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

### **5. Bill Adjustment**

Overcharges will be refunded to the customer for the entire period of inaccurate billing if that period is discernible. If the period of inaccurate billing is not discernible, the shortest period encompassing the elapsed time since the customer's "on" date, the installation date of the inaccurate meter, or 365 days will form the basis for determining the refund amount.

Undercharges may be billed and the customer shall pay the charges for the entire period of inaccurate billing when that period is discernible, except undercharges billed to residential customers shall be limited to a maximum of 365 days prior to the date the billing is corrected. There will be no maximum limit of time for cases involving tampering or theft of utility service, or where a physical act of a customer or its agent causes inaccurate or no recording of the meter reading, or inaccurate or no measurement of the electricity rendered.

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Sheet No. 26.5  
Cancels and Supersedes  
Sheet No. 26.4  
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## **SECTION VII - CREDIT AND DEPOSIT PROVISIONS**

### **1. Disconnection for Nonpayment: Residential Customers**

The Company will comply with the provisions of the disconnection rules set forth in Chapters 4901:1-10 and 4901:1-18 OAC (Ohio Administrative Code) as amended.

### **2. Disconnection for Nonpayment: Non-Residential Customers**

An account will be considered delinquent and be subject to the Company's disconnection procedures for non-payment if the Company's charges in any bill remains unpaid after the due date.

The Company will mail or otherwise give notice of impending disconnection for nonpayment to the customer prior to disconnection.

The Company may charge a landlord \$2.50 per notice in situations where a master metered apartment building is subject to disconnection and the Company is required to put a notice on each apartment unit. This provision is subject to 4901:1-18-08 of the Ohio Administrative Code.

### **3. Reconnection of Service**

Reconnection of service that has been disconnected for nonpayment shall be made pursuant to the following provisions:

- (a) Upon payment or proof of payment, including any reconnection charge, for service that was previously disconnected, reinstatement of service shall be made by the close of the following regular Company working day.
- (b) If service is disconnected and the customer wishes to guarantee the reinstatement of service the same day on which payment is rendered, the customer must make payment in the Company's business office, or provide proof of payment, and notify the Company before 12:30 p.m. that reinstatement of service is requested the same day. If the Company is notified after 12:30 p.m. of a customer's desire for same day reinstatement of service, the after hour charges specified in PUCO Electric Sheet No. 92 will apply.
- (c) If a Company employee, whose original purpose was to disconnect the service, has provided the customer a means to avoid disconnection, service which otherwise would have been disconnected shall remain intact, and no reconnection charge shall be assessed. However, a collection charge of fifteen dollars (\$15.00) may be assessed.

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#### **SECTION VII - CREDIT AND DEPOSIT PROVISIONS (Contd.)**

- d) If a guarantor is required in order to re-establish service, the guarantor must sign an acknowledgment of willingness to accept the responsibility for payment of the customer's entire past due billed amount (up to 60 days for residential customers) owed the Company in case of the customer's default.

#### **4. Charge for Reconnection of Service**

The Company may charge and collect in advance the dollar amount specified on Tariff Sheet No. 92, Charge for Reconnection of Service for reconnecting a customer's service after service is disconnected because of nonpayment of the bill when due or when service is discontinued because of unauthorized or fraudulent use, tampering with Company equipment, or denial of access to premises as set out in Section II Paragraph 8, Access to Premises.

#### **5. Residential Tenant Rights**

The Company will comply with the provisions of the disconnection rules set forth in Chapters 4901:1-10 and 4901:1-18 OAC as amended.

#### **6. Deposit Provision**

The Company may require a Security Deposit of any customer, residential or non-residential, in addition to the requirement of payment for prior indebtedness, as set forth in Section II, 1. Supplying of Service, in compliance with the provisions of Section 4933.17 of the Ohio Revised Code and the rules set forth in OAC Chapters 4901:1-10. The Security Deposit may be requested prior to the rendering of utility service or at a later time.

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Cancels and Supersedes  
Sheet No. 27  
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## **SECTION VIII - APPLICATION OF SERVICE REGULATIONS**

### **1. Application of ELECTRIC SERVICE REGULATIONS and Rate Schedules**

All service agreements as presently in effect or that may be entered into in the future are made expressly subject to these ELECTRIC SERVICE REGULATIONS and any modifications or amendments thereto, and subject to all applicable existing rate schedules and any modifications, substitutions or amendments 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 Public Utilities Commission of Ohio, or to make any representation not contained in the Company's schedules, supplements thereto and revisions thereof, lawfully filed with said Commission.

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Sheet No. 30.15  
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Sheet No. 30.14  
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 and 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, the applicable general service rate 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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### 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. Distribution Charges
  - (a) Customer Charge \$6.00 per month
  - (b) Energy Charge \$0.025342 per kWh
2. Applicable Riders
 

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

  - Sheet No. 70, Rider DR-IKE, Storm Recovery Rider
  - Sheet No. 83, Rider OET, Ohio Excise Tax Rider
  - Sheet No. 86, Rider USR, Universal Service Fund Rider
  - Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider
  - Sheet No. 89, Rider BTR, Base Transmission Rider
  - Sheet No. 97, Rider RTO, Regional Transmission Organization Rider
  - Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider
  - Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider
  - Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

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

Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate  
Sheet No. 122, Rider DDR, Distribution Decoupling Rider  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

#### **MINIMUM CHARGE**

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

#### **BILLING PERIODS**

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.

#### **LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable.

The late payment charge is not applicable to:

- Unpaid account balances of customers enrolled in income payment plans pursuant to OAC Section 4901:1-18-04(B); and
- Unpaid account balances for services received from a Certified Supplier.

#### **TERMS AND CONDITIONS**

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

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

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Sheet No. 31.14  
Page 1 of 3

## RATE ORH

### OPTIONAL RESIDENTIAL SERVICE WITH ELECTRIC SPACE HEATING

#### APPLICABILITY

Applicable to electric service, other than three phase service, used for all domestic purposes in private residences and single occupancy apartments where permanently connected electric heating equipment is installed and in regular use as the primary source of qualified space heating in the entire territory of the Company where distribution lines are adjacent to the premises to be served. In addition, the customer will be required to pay an amount equal to the current installed cost of demand metering equipment in excess of the current installed cost of standard watt-hour metering equipment. All metering equipment shall remain the property of the Company. The Company shall be responsible for the installation, operation, maintenance, testing, replacement and removal of metering equipment.

This rate is only available as Company demand meters are installed on the customer's premises. Due to the limited availability of metering equipment and Company personnel, a demand meter will be installed as metering equipment and Company personnel are available.

Where a portion of a residential service is used for purposes of a commercial or public character, the applicable general service rate 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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### 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:

	<u>Summer Period</u>	<u>Winter Period</u>
1. Distribution Charges		
(a) Customer Charge	\$6.00 per month	\$6.00 per month
(b) Energy Charge		
First 1,000 kilowatt-hours	\$0.025342 per kWh	\$0.028949 per kWh
Additional kilowatt-hours	\$0.025342 per kWh	\$0.015990 per kWh
In excess of 150 times Customer's		
Monthly Demand	\$0.025342 per kWh	\$0.010779 per kWh

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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. 70, Rider DR-IKE, Storm Recovery Rider  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider  
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Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
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Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate  
Sheet No. 122, Rider DDR, Distribution Decoupling Rider  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

**MINIMUM CHARGE**

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

**BILLING PERIODS**

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 the period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

**DEMAND**

Customer's monthly demand will be the kilowatts as determined from the Company's demand metering equipment for the fifteen (15) minute period of customer's greatest use in each month during the winter period.

Minimum demand shall be ten (10) kilowatts.

**QUALIFIED SPACE HEATING**

"Qualified" space heating is the heating of residential living quarters primarily through the regular use of permanently connected electric heating equipment, the installation of which meets the Company's specifications.

Filed pursuant to an Order dated  
Commission of Ohio.

in Case No. 14-841-EL-SSO before the Public Utilities

---

Issued:

Effective:

Issued by James P. Henning, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 31.15  
Cancels and Supersedes  
Sheet No. 31.14  
Page 3 of 3

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#### **LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the *unpaid balance is due and payable*.

The late payment charge is not applicable to:

- Unpaid account balances of customers enrolled in income payment plans pursuant to OAC Section 4901:1-18-04(B); and
- Unpaid account balances for services received from a Certified Supplier.

#### **TERMS AND CONDITIONS**

This rate is available upon application in accordance with the Company's Service Regulations and the minimum contract period shall be one (1) year terminable thereafter on thirty (30) days written notice by either the customer or the Company.

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

Filed pursuant to an Order dated  
Commission of Ohio.

in Case No. 14-841-EL-SSO before the Public Utilities

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139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 32.2  
Cancels and Supersedes  
Sheet No. 32.1  
Page 1 of 1

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**RATE TD-AM**

**OPTIONAL TIME-OF-DAY RATE FOR RESIDENTIAL SERVICE WITH ADVANCED METERING  
(PILOT)**

**THIS TARIFF IS HERBY CANCELLED AND WITHDRAWN**

Filed pursuant to an Order dated May 1, 2013 in Case No. 12-1682-EL-AIR before the Public Utilities  
Commission of Ohio.

---

Issued: May 2, 2013

Effective: May 6, 2013

Issued by James P. Henning, President



Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 33.16  
Cancels and Supersedes  
Sheet No. 33.15  
Page 1 of 2

## RATE TD

### OPTIONAL TIME-OF-DAY RATE FOR RESIDENTIAL SERVICE

#### APPLICABILITY

Applicable to electric service other than three phase service for all domestic purposes in private residences and single occupancy apartments in the entire territory of the Company where distribution lines are adjacent to the premises to be served. This rate is available only as Company demand meters with programmable time-of-day registers are installed on the customer's premises.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### NET MONTHLY BILL

Computed in accordance with the following charges:

	<u>Summer Period</u>	<u>Winter Period</u>
1. Distribution Charges		
(a) Customer Charge	\$15.50 per month	\$15.50 per month
(b) Energy Charge		
On Peak kilowatt-hours	\$0.051494 per kWh	\$0.040919 per kWh
Off Peak kilowatt-hours	\$0.008983 per kWh	\$0.008976 per kWh

#### 2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
 Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
 Sheet No. 86, Rider USR, Universal Service Fund Rider  
 Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
 Sheet No. 89, Rider BTR, Base Transmission Rider  
 Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
 Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider  
 Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
 Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
 Sheet No. 111, Rider RC, Retail Capacity Rider  
 Sheet No. 112, Rider RE, Retail Energy Rider  
 Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
 Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate  
 Sheet No. 122, Rider DDR, Distribution Decoupling Rider  
 Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
 Sheet No. 125, Rider DSR, Distribution Storm Rider  
 Sheet No. 126, Rider PSR, Price Stabilization Rider

Filed pursuant to an Order dated  
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in Case No. 14-841-EL-SSO before the Public Utilities

Issued:

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Issued by James P. Henning, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 33.16  
Cancels and Supersedes  
Sheet No. 33.15  
Page 2 of 2

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**MINIMUM CHARGE**

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

**BILLING PERIODS**

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.

**RATING PERIODS**

The rating periods applicable to the above kilowatt-hour charges are as follows:

- a) Summer On Peak Period - 11:00 a.m. to 8:00 p.m. Monday through Friday, excluding holidays.
- b) Winter On Peak Period - 9:00 a.m. to 2:00 p.m. and 5:00 p.m. to 9:00 p.m. Monday through Friday, excluding holidays.
- c) 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, Veteran's Day, Thanksgiving Day and Christmas Day or on the day nationally designated to be celebrated as such with the exception that if the foregoing holidays occur on a Sunday, the following Monday is considered a holiday.

**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

**TERMS AND CONDITIONS**

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

*The initial term of service under this rate is three (3) years. If the customer desires to cancel service under this tariff within three (3) years, a termination fee may be charged by the Company. The termination fee will be determined by applying the above Customer Charge times the remaining months of the initial service agreement.*

*Where the Company is denied access to read the customer's time-of-day meter for more than two (2) consecutive months, the Company may, after notifying the customer, place the customer on the Company's standard residential rate. If the Company moves the customer to the standard rate, the customer shall not be billed for the termination fee.*

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

Filed pursuant to an Order dated  
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Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 34.9  
Cancels and Supersedes  
Sheet No. 34.8  
Page 1 of 2

## RATE CUR

### COMMON USE RESIDENTIAL SERVICE

#### APPLICABILITY

Applicable to electric service other than three phase service for 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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### 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. Distribution Charges

(a) Customer Charge \$6.00 per month

(b) Energy Charge \$0.025342 per kWh

2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider

Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate

Sheet No. 122, Rider DDR, Distribution Decoupling Rider

Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider

Sheet No. 125, Rider DSR, Distribution Storm Rider

Sheet No. 126, Rider PSR, Price Stabilization Rider

Filed pursuant to an Order dated  
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139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 34.9  
Cancels and Supersedes  
Sheet No. 34.8  
Page 2 of 2

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**MINIMUM CHARGE**

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

**BILLING PERIODS**

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.

**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable.

The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

**TERMS AND CONDITIONS**

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

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

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139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 35.6  
Cancels and Supersedes  
Sheet No. 35.5  
Page 1 of 2

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**RATE RS3P**

**RESIDENTIAL THREE-PHASE SERVICE**

**APPLICABILITY**

Applicable to three phase electric service, for all domestic purposes in private residences and single occupancy apartments and separately metered common use areas of multi-occupancy buildings in the entire territory of the Company where (1) distribution lines are adjacent to the premises to be served, (2) the building load requires three phase service, (3) building load exceeds the Company's standard single-phase equipment or the building is a multi-use facility requiring three-phase service for the commercial space, and (4) additional distribution line extensions are not required. In all other instances, the Company will make three phase service available to residential customers at the customer's sole expense and pursuant to a three-year service agreement.

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, the applicable general service rate 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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

**TYPE OF SERVICE**

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

**NET MONTHLY BILL**

Computed in accordance with the following charges:

1. Distribution Charges
  - (a) Customer Charge \$8.50 per month
  - (b) Energy Charge \$0.025342 per kWh
2. Applicable Riders

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

  - Sheet No. 70, Rider DR-IKE, Storm Recovery Rider
  - Sheet No. 83, Rider OET, Ohio Excise Tax Rider
  - Sheet No. 86, Rider USR, Universal Service Fund Rider
  - Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider

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139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 35.6  
Cancels and Supersedes  
Sheet No. 35.5  
Page 2 of 2

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

Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate  
Sheet No. 122, Rider DDR, Distribution Decoupling Rider  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

#### **MINIMUM CHARGE**

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

#### **BILLING PERIODS**

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.

#### **LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable.

The late payment charge is not applicable to:

- Unpaid account balances of customers enrolled in income payment plans pursuant to Section 4901:1-18-04(B), Ohio Administrative Code; and
- Unpaid account balances for services received from a Certified Supplier.

#### **TERMS AND CONDITIONS**

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

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

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

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Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 36.3  
Cancels and Supersedes  
Sheet No. 36.2  
Page 1 of 2

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**RATE RSLI**

**RESIDENTIAL SERVICE – LOW INCOME**

**APPLICABILITY**

Applicable to up to 10,000 electric customers who are at or below 200% of the Federal poverty level and who do not participate in the Percentage of Income Payment Plan (PIPP). Applicable to electric service other than three phase service, for all domestic purposes in private residences and single occupancy apartments and separately metered common use areas of multi-occupancy buildings 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, the applicable general service rate 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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

**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. Distribution Charges
  - (a) Customer Charge \$2.00 per month
  - (b) Energy Charge \$0.025342 per kWh

2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider

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139 East Fourth Street  
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P.U.C.O. Electric No. 19  
Sheet No. 36.3  
Cancels and Supersedes  
Sheet No. 36.2  
Page 2 of 2

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**NET MONTHLY BILL (Contd.)**

Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate  
Sheet No. 122, Rider DDR, Distribution Decoupling Rider  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

**MINIMUM CHARGE**

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

**BILLING PERIODS**

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.

**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable.

The late payment charge is not applicable to:

- Unpaid account balances of customers enrolled in income payment plans pursuant to Section 4901:1-18-04(B), Ohio Administrative Code; and
- Unpaid account balances for services received from a Certified Supplier.

**TERMS AND CONDITIONS**

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

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

Filed pursuant to an Order dated  
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Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 37.2  
Cancels and Supersedes  
Sheet No. 37.1  
Page 1 of 1

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**RIDER PTR**

**PEAK TIME REBATE – RESIDENTIAL PILOT PROGRAM**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Issued pursuant to an Order dated May 1, 2013 in Case No. 12-1682-EL-AIR before the Public Utilities Commission of Ohio.

---

Issued: May 2, 2013

Effective: May 6, 2013

Issued by James P. Henning, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 38.2  
Cancels and Supersedes  
Sheet No. 38.1  
Page 1 of 3

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**RATE TD-CPP\_LITE**

**OPTIONAL CRITICAL PEAK PRICING RATE FOR RESIDENTIAL SERVICE WITH ADVANCED METERING  
(PILOT)**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Filed pursuant to an Order dated May 1, 2013 in Case No. 12-1682-EL-AIR before the Public Utilities  
Commission of Ohio.

---

Issued: May 2, 2013

Effective: May 6, 2013

Issued by James P. Henning, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 39.2  
Cancels and Supersedes  
Sheet No. 39.1  
Page 1 of 1

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**RATE TD-LITE**

**OPTIONAL TIME-OF-DAY RATE FOR RESIDENTIAL SERVICE WITH ADVANCED METERING (MODIFIED)  
(PILOT)**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Filed pursuant to an Order dated May 1, 2013 in Case No. 12-1682-EL-AIR before the Public Utilities  
Commission of Ohio.

---

Issued: May 2, 2013

Effective: May 6, 2013

Issued by James P. Henning, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 40.16  
Cancels and Supersedes  
Sheet No. 40.15  
Page 1 of 3

## 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 where the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served and the Company determines that the customers average monthly demand is greater than 15 kilowatts. Electric service must be supplied at one point of delivery.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### TYPE OF SERVICE

Alternating current 60 Hz, single phase or three phase, at Company's standard distribution voltage. When both single and three phase secondary voltage services are required by a Distribution customer, the monthly kilowatt-hour usage and kilowatt demands shall be the respective arithmetical sums of both services.

#### NET MONTHLY BILL

Computed in accordance with the following charges provided, however, that the minimum monthly load factor, expressed as hours-use per month, shall not be less than 71 kWh per kW. When applicable, the minimum monthly load factor shall be achieved by calculating the billing demand as the monthly kWh usage divided by 71 (kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

##### 1. Distribution Charges

###### (a) Customer Charge per month

Single Phase Service	\$22.97
Single and/or Three Phase Service	\$45.95

###### (b) Demand Charge

All kilowatts	\$ 5.3815 per kW
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##### 2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate

Filed pursuant to an Order dated  
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in Case No. 14-841-EL-SSO before the Public Utilities

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Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

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Sheet No. 40.16  
Cancels and Supersedes  
Sheet No. 40.15  
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**NET MONTHLY BILL (Cont'd)**

Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

**MINIMUM BILL PROVISION**

The minimum bill shall be eighty five percent (85%) of the highest monthly kilowatt demand as established in the summer period and effective for the next succeeding eleven (11) months plus the Customer Charge.

In no case, however, shall the minimum bill be less than the Customer Charge.

**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 (1.5%) percent 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 the Company's option, a demand meter may not be installed 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) Eighty five percent (85%) of the highest monthly kilowatt demand as established in the summer period and effective for the next succeeding eleven (11) months; or
- b) One (1) kilowatt for each single phase meter and five (5) kilowatts for each three phase meter.

The Company may re-determine customer's billing demand at any time in recognition of a permanent change in load due to such occurrences as the installation of load control equipment or a temporary change due to malfunctions of such equipment.

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.

Filed pursuant to an Order dated  
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in Case No. 14-841-EL-SSO before the Public Utilities

Issued: \_\_\_\_\_

Effective: \_\_\_\_\_

Issued by James P. Henning, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 40.16  
Cancels and Supersedes  
Sheet No. 40.15  
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**POWER FACTOR ADJUSTMENT**

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

Power factor may be determined by the following methods, at the Company's option:

- 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 ninety percent (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 total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

**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 percent (20%) of actual cost. The annual facilities charge shall be billed in twelve monthly installments to be added to the demand charge.

**SERVICE REGULATIONS**

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

Filed pursuant to an Order dated  
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139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
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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 where secondary distribution lines exist for any fixed electric load that can be served by a standard service drop from the Company's existing secondary distribution system.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### 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:

##### 1. Distribution Charges

- |   |                    |
|---|--------------------|
| (a) For loads based on a range of 540 to 720 hours use per month of the rated capacity of the connected equipment | \$0.020721 per kWh |
| (b) For loads of less than 540 hours use per month of the rated capacity of the connected equipment               | \$0.023764 per kWh |

##### 2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
 Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
 Sheet No. 86, Rider USR, Universal Service Fund Rider  
 Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
 Sheet No. 89, Rider BTR, Base Transmission Rider  
 Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
 Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
 Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
 Sheet No. 111, Rider RC, Retail Capacity Rider  
 Sheet No. 112, Rider RE, Retail Energy Rider  
 Sheet No. 115, Rider SCR, Supplier Cost Reconciliation  
 Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate  
 Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
 Sheet No. 125, Rider DSR, Distribution Storm Rider  
 Sheet No. 126, Rider PSR, Price Stabilization Rider

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**MINIMUM CHARGE**

The minimum charge shall be \$5.64 per Fixed Load Location per month.

**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

**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 customer shall notify the Company in advance of every change in connected load, 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 an increase in load, 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 increased load for the full period such load was connected.

**TERM AND CONDITIONS**

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

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

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**RATE EH**

**OPTIONAL RATE FOR ELECTRIC SPACE HEATING**

**APPLICABILITY**

Applicable to electric service for heating when customer's wiring is so arranged that heating service can be furnished at one point of delivery and can be metered separately from all other types of service or to any public school, parochial school, private school, or church when supplied at one point of delivery, provided permanently connected and regularly used electrical equipment is installed in compliance with the Company specifications as the primary source of heating or heating and cooling the atmosphere to temperatures of human comfort; and provided all other electrical energy requirements are purchased from the Company. For the purpose of the administration of this tariff schedule, primary source is defined as at least 90 percent (90%). No single water-heating unit shall be wired that the demand established by it can exceed 5.5 kilowatts unless approved by the Company.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

**TYPE OF SERVICE**

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

**NET MONTHLY BILL**

Computed in accordance with the following charges:

Winter Period:

1. Distribution Charges

(a) Customer Charge per month

Single Phase Service	\$ 23.00
Three Phase Service	\$ 46.00
Primary Voltage Service	\$200.00

(b) Energy Charge

All kilowatt-hours	\$0.016478 per kWh
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Summer Period:

All usage during the summer period shall be billed in accordance with the provisions of the applicable distribution voltage service rate.

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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. 70, Rider DR-IKE, Storm Recovery Rider  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate  
Sheet No. 122, Rider DDR, Distribution Decoupling Rider  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

### **MINIMUM CHARGE**

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

### **BILLING PERIODS**

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.

### **LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

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

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## RATE DM

### SECONDARY DISTRIBUTION SERVICE - SMALL

#### 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 and adjacent to the premises to be served and the Company determines that the customer's average monthly demand is 15 kilowatts or less. This tariff schedule is also applicable to electric service to recreation facilities that are promoted, operated and maintained by non-profit organizations where such service is separately metered. Electric service must be supplied at one point of delivery.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### TYPE OF SERVICE

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

#### NET MONTHLY BILL

Computed in accordance with the following charges:

	<u>Summer Period</u>	<u>Winter Period</u>
1. Distribution Charges		
(a) Customer Charge		
Single Phase	\$ 8.07 per month	\$ 8.07 per month
Three Phase	\$16.14 per month	\$16.14 per month
(b) Energy Charge		
First 2,800 kWh	\$0.041988 per kWh	\$0.030141 per kWh
Next 3,200 kWh	\$0.003493 per kWh	\$0.003493 per kWh
Additional kWh	\$0.001482 per kWh	\$0.001482 per kWh

#### 2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate

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**NET MONTHLY BILL (Contd.)**

Sheet No. 122, Rider DDR, Distribution Decoupling Rider  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

**MINIMUM CHARGE**

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

When both single and three phase service are required by the customer, the monthly kilowatt-hour usage shall be the arithmetical sum of both services.

**BILLING PERIODS**

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.

**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

**TERMS AND CONDITIONS**

The initial term of contract shall be for a minimum period of one (1) year terminable thereafter by a minimum notice either of the customer or the Company as prescribed by the Company's Service Regulations.

For purposes of the administration of this rate, the Company will determine the customer's average monthly demand based upon customer's most recent twelve month usage each year after the initial term of service has been fulfilled by the customer. If the customer's average demand exceeds 15 kW or if the customer's monthly demand exceeds 30 kW in two (2) or more months in any twelve month period, the Company may require the customer to be billed under the provisions of Rate DS.

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

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## RATE DP

### SERVICE AT PRIMARY DISTRIBUTION VOLTAGE

#### APPLICABILITY

Applicable to electric service for usual customer load requirements where the Company specifies service at nominal primary distribution system voltages of 12,500 volts or 34,500 volts, and the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served. Electric service must be supplied at one point of delivery.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### TYPE OF SERVICE

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

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.

#### NET MONTHLY BILL

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

##### 1. Distribution Charges

###### (a) Customer Charge per month

Primary Voltage Service (12.5 or 34.5 kV)	\$229.92 per month
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###### (b) Demand Charge

All kilowatts	\$4.3340 per kW
---------------	-----------------

##### 2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider

Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate

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

Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

#### **MINIMUM BILL PROVISION**

The minimum bill shall be: Eighty-five percent (85%) of the highest monthly kilowatt demand as established in the summer period and effective for the next succeeding eleven (11) months plus the Customer Charge.

In no case, however, shall the minimum bill be less than the Customer Charge.

#### **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 the higher of the following:

- a) Eighty-five percent (85%) of the highest monthly kilowatt demand as established in the summer period and effective for the next succeeding eleven (11) months; or
- b) Five (5) kilowatts.

The Company may re-determine customer's billing demand at any time in recognition of a permanent change in load due to such occurrences as the installation of load control equipment or a temporary change due to malfunctions of such equipment.

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.

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#### **POWER FACTOR ADJUSTMENT**

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

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

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

#### **LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

#### **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 follows:

- (1) For customers with a most recent twelve (12) month average demand of less than 10,000 kVA, thirty (30) days written notice.
- (2) For customers with a most recent twelve (12) month average demand of greater than 10,000 kVA, twelve (12) months written notice.

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 percent (20%) of actual cost. The annual facilities charge shall be billed in twelve monthly installments to be added to the demand charge.

#### **SERVICE REGULATIONS**

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

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**RATE SFL - ADPL**

**OPTIONAL UNMETERED RATE FOR SMALL FIXED LOADS ATTACHED DIRECTLY TO COMPANY'S  
POWER LINES**

**APPLICABILITY**

Applicable to electric service in the Company's entire territory where secondary and/or primary distribution lines exist for any bulk, small, unmetered, fixed-load electric devices that can be connected directly to the Company's power lines within the power zone of Company's poles and which do not require service drops.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

**TYPE OF SERVICE**

Alternating current 60 Hz, at nominal voltages of 120, 120/240 or 120/208, 12,500 or 34,500 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:

1. Distribution Charges \$0.020721 per kWh
2. Applicable Riders  
The following riders are applicable pursuant to the specific terms contained within each rider:
  - Sheet No. 70, Rider DR-IKE, Storm Recovery Rider
  - Sheet No. 83, Rider OET, Ohio Excise Tax Rider
  - Sheet No. 86, Rider USR, Universal Service Fund Rider
  - Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider
  - Sheet No. 89, Rider BTR, Base Transmission Rider
  - Sheet No. 97, Rider RTO, Regional Transmission Organization Rider
  - Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider
  - Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider
  - Sheet No. 111, Rider RC, Retail Capacity Rider
  - Sheet No. 112, Rider RE, Retail Energy Rider
  - Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider
  - Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate
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  - Sheet No. 126, Rider PSR, Price Stabilization Rider

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**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. Company and customer may agree to different late payment terms in the Service Agreement. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

**SERVICE PROVISIONS**

1. Each separate point of delivery of service shall be considered a Fixed Load Location.
2. The Company shall determine the monthly kWhs associated with each Fixed Load Location.
3. The customer shall enter into a Service Agreement with the Company setting forth the terms and conditions under which the customer may connect devices to the Company's power lines.
4. The customer shall be responsible for all costs associated with connecting the device to the power lines.
5. The customer shall notify the Company in advance of the connection of any device to Company's power lines, and in advance of every change in connected load, 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 an increase in load, 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 increased load for the full period such load was connected.
6. The Company may, at its sole discretion, refuse to attach devices that it reasonably believes may impede the operation, maintenance, reliability, or safety of the electric distribution lines or pose a danger to Company personnel or other persons.
7. To the extent it is commercially feasible to do so, the Company will combine all fixed load locations for a given customer onto a single monthly bill. Billing calculations will be performed for each Fixed Load Location, but the results of the individual calculations will be summarized on the monthly bill.

**TERM OF SERVICE**

Minimum one (1) year, terminable thereafter on thirty (30) days written notice by either customer or Company. Company and customer may agree to a different term in the Service Agreement.

**SERVICE REGULATIONS**

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

Filed pursuant to an Order dated  
Commission of Ohio.

in Case No. 14-841-EL-SSO before the Public Utilities

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Effective:

Issued by James P. Henning, President

Duke Energy Ohio  
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Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 47.2  
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## **RIDER NM-H**

### **NET METERING RIDER - HOSPITALS**

#### **AVAILABILITY**

Rider NM-H is available to qualifying hospital customer generators, upon request. As defined in section 3701.01 of the Revised Code, "hospital" includes public health centers and general, mental, chronic disease, and other types of hospitals, and related facilities, such as laboratories, outpatient departments, nurses' home facilities, extended care facilities, self-care units, and central service facilities operated in connection with hospitals, and also includes education and training facilities for health professions personnel operated as an integral part of a hospital, but does not include any hospital furnishing primarily domiciliary care. A qualifying hospital customer generator is one whose generating facilities are:

- a. Located on the customer generator's premises;
- b. Operated in parallel with the Company's transmission and distribution facilities;

#### **BILLING**

The hospital customer generator's net metering service shall be calculated as follows: a) All electricity flowing from the electric utility to the hospital shall be charged as it would have been if the hospital were not taking service under Rider NM-H. b) All electricity generated by the hospital shall be credited at the market value as of the time the hospital generated the electricity. "Market value" means the Regional Transmission Organization (PJM) locational marginal price of energy at the time the customer-generated electricity is generated. Each monthly bill shall reflect the net of a) and b) above. If the resulting bill indicates a net credit dollar amount, the credit shall be netted against the hospital customer generator's bill until the hospital requests in writing a refund that amount to, but is not greater than, an annual true-up of accumulated credits over a twelve-month period.

#### **METERING**

For hospital customer generators, net metering shall be accomplished using either two meters or a single meter with two registers that are capable of separately measuring the flow of electricity in both directions. One meter or register shall be capable of measuring the electricity generated by the hospital at the time it is generated. If the hospital's existing electrical meter is not capable of separately measuring electricity the hospital generates at the time it is generated, the electric utility, upon written request from the hospital, shall install at the hospital's expense a meter that is capable of such measurement.

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## **TERMS AND CONDITIONS**

Customer generators are not required to:

(a) Comply with any additional safety or performance standards beyond those established by rules in Chapter 4901:1-22 of the Administrative Code, and the National Electrical Code, the institute of electrical and electronics engineers, and underwriters laboratories, in effect as set forth in rule 4901:1-22-03 of the Administrative Code.

(b) Perform or pay for additional tests beyond those required by paragraph (a) above.

(c) Purchase additional liability insurance beyond that required by paragraph (a) above.

Company and Customer, to the extent permitted by law, shall indemnify and hold the other party harmless from and against all claims, liability, damages, and expenses, including attorney's fees, based on any injury to any persons, including loss of life or damage to any property, including loss of use thereof, arising out of, resulting from, or connected with, or that may be alleged to have arisen out of, resulted from, or connected with an act or omission by such other party, its employees, agents, representatives, successors, or assigns in the construction, ownership, operation, or maintenance of such party's facilities used in net metering.

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

## **INTERCONNECTION**

Customer shall make an application for Interconnection Service and execute an Interconnection Agreement as outlined in Rate IS – Interconnection Service.

Customer shall comply with all applicable requirements of Rate IS – Interconnection Service.

Conformance with these requirements does not convey any liability to the Company for damages or injuries arising from the installation or operation of the generator system.

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## RIDER NM

### NET METERING RIDER

#### AVAILABILITY

Net Metering is available to qualifying customer generators, upon request, and on a first-come, first-served basis. A qualifying customer generator is one whose generating facilities are:

- a. Fueled by solar, wind, biomass, landfill gas, or hydropower, or use a microturbine or a fuel cell;
- b. Located on the Customer's premises;
- c. Operated in parallel with the Company's transmission and distribution facilities;
- d. Intended primarily to offset part or all of the Customer's requirements for electricity.

#### DEFINITION

"Net Metering" means measuring the difference in an applicable billing period between the amount of electricity supplied by Company and the amount of electricity generated by such respective Customer that is delivered to Company.

#### BILLING

The measurement of net electricity supplied by Company and delivered to Company shall be calculated in the following manner. Company shall measure the difference between the amount of electricity delivered by Company to Customer and the amount of electricity generated by the Customer and delivered to Company during the billing period, in accordance with normal metering practices. If the kWh delivered by Company to the Customer exceeds the kWh delivered by the Customer to Company during the billing period, the Customer shall be billed for the kWh difference, and any applicable demands used in the calculation shall be based on the meter channel that records power flowing from the Company to the Customer. If the kWh generated by the Customer and then delivered to Company exceeds the kWh supplied by the Company to Customer during the billing period, the Customer shall be credited the kWh difference. The credit shall be calculated using the kWh charge as determined by Rider RC, Retail Capacity and Rider RE, Retail Energy of the applicable rate tariff, and any applicable demands used to calculate the credits shall be based on the meter channel that records power flowing from the Customer to the Company. The Customer may request in writing a refund that amounts to, but is not greater than, an annual true-up of accumulated credits over a twelve month period.

Bill charges and credits will be in accordance with the standard tariff that would apply if the Customer did not participate in this rider.

#### METERING

Net metering shall be accomplished using a single meter capable of registering the amount (flow) of electricity which flowed in each direction during a billing period. A customer's existing single-register meter that is capable of registering the flow of electricity in both directions satisfies this requirement. If the customer's existing electrical meter is not capable of measuring the flow of electricity in two directions, the Company, upon written request from the customer, shall install at the customer's expense a meter that is capable of measuring electricity flow in two directions.

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### **METERING (Contd.)**

The Company, at its own expense and with the written consent of the customer generator, may install one or more additional meters to monitor the flow of electricity in each direction. The Company shall not impose, without Commission approval, any additional interconnection requirement or additional charges on customer generators refusing to give such consent.

### **TERMS AND CONDITIONS**

Customer generators are not required to:

(a) Comply with any additional safety or performance standards beyond those established by rules in Chapter 4901:1-22 of the Administrative Code, and the "National Electrical Code," the "Institute of Electrical and Electronics Engineers," and "Underwriters Laboratories," in effect as set forth in rule 4901:1-22-03 of the Administrative Code.

(b) Perform or pay for additional tests beyond those required by paragraph (a) above.

(c) Purchase additional liability insurance beyond that required by paragraph (a) above.

Company and Customer, to the extent permitted by law, shall indemnify and hold the other party harmless from and against all claims, liability, damages, and expenses, including attorney's fees, based on any injury to any persons, including loss of life or damage to any property, including loss of use thereof, arising out of, resulting from, or connected with, or that may be alleged to have arisen out of, resulted from, or connected with an act or omission by such other party, its employees, agents, representatives, successors, or assigns in the construction, ownership, operation, or maintenance of such party's facilities used in net metering.

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

### **INTERCONNECTION**

Customer shall make an application for Interconnection Service and execute an Interconnection Agreement as outlined in Rate IS – Interconnection Service.

Customer shall comply with all applicable requirements of Rate IS – Interconnection Service.

Conformance with these requirements does not convey any liability to the Company for damages or injuries arising from the installation or operation of the generator system.

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## **RATE IS**

### **INTERCONNECTION SERVICE**

#### **APPLICABILITY**

Any Customer that operates or seeks to operate a generating device in parallel with the Company's distribution system is subject to the provisions and Special Terms and Conditions of this Tariff and the requirements of Chapter 4901:1-22, Ohio Administrative Code Uniform Electric Interconnection Standards.

Any Customer that operates or seeks to operate a generating device in parallel with the Company's transmission system, and such installation is not subject to the interconnection rules of the Regional Transmission Organization operator and Federal Energy Regulatory Commission, is subject to the provisions and Special Terms and Conditions of this tariff. Requests for such interconnections to the Company's transmission system are subject to the same fees and review procedures as Level 3 Standard Procedure as described in Chapter 4901:1-22, Ohio Administrative Code Uniform Electric Interconnection Standards.

A generating device is any device that produces electricity and includes, but is not limited to, any type of synchronous generator, induction generator, or inverter based system such as solar photovoltaic, wind turbine, fuel cell, or microturbine.

#### **APPLICATION AND APPROVAL PROCEDURES**

Any Customer seeking new Interconnection Service under this tariff shall follow the process and conform with the requirements as specified in Chapter 4901:1-22, Ohio Administrative Code Uniform Electric Interconnection Standards using the appropriate "Application for Interconnection" and "Interconnection Agreement".

#### **APPLICATION FEES AND STUDY COSTS**

No application fee is required to submit an "Application for Interconnection."

For Level 1, 1.1 and 1.2 applications, no additional fees will be charged for studies. For Level 2 applications, the Company may determine the need for a system impact study or facility study. For Level 3 applications, the Company may determine the need for a feasibility study, system impact study, or facility study. Fees for such feasibility studies, system impact studies, and facilities studies will be based on the Company's actual loaded labor rate.

Level 1, 1.1, 1.2, 2 and 3 are as described in Chapter 4901:1-22, Ohio Administrative Code Uniform Electric Interconnection Standards.

#### **TECHNICAL INTERCONNECTION REQUIREMENTS**

Customer must comply with all technical interconnection requirements specified by the Company. Such requirements by the Company shall not be in conflict with any requirements in Chapter 4901:1-22, Ohio Administrative Code Uniform Electric Interconnection Standards. The Company's technical requirements are based on IEEE 1547-2003 "IEEE Standard for Interconnection Distributed Resources with Electric Power Systems." (IEEE 1547). The intent is to utilize IEEE 1547 requirements and to supplement those with a minimal number of additional requirements where appropriate. The purpose of a minimal number of Company requirements

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**TECHNICAL INTERCONNECTION REQUIREMENTS (Contd.)**

not included in IEEE 1547 is to add clarity to some IEEE 1547 sections and to specify requirements for issues that were not addressed in IEEE 1547. Most Customer generator installations that meet IEEE 1547 will also satisfy the Company's technical requirements.

**SPECIAL TERMS AND CONDITIONS**

Any Customer operating a generating device in parallel with the Company's system shall comply with the following Terms and Conditions:

1. 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.
2. Any changes or additions to the Company's system required for interconnection service shall be considered excess facilities. Customer shall agree to pay Company for actual costs incurred for all such excess facilities prior to construction.
3. 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 generation equipment, controls, and protective relays and equipment (hereinafter called the "Generation Facilities"). The Generation Facilities installed and operated by or for Customer shall comply with, and Customer shall represent and warrant their compliance with: (a) the National Electrical Code and the National Electrical Safety Code, as each may be revised from time to time; (b) Company's rule and regulations, and Company's Service Regulations, each as contained in Company's Retail Electric Tariff and each as may be revised from time to time with the approval of the Public Utilities Commission of Ohio ("Commission"); (c) the rules and regulations of the Commission, including the provisions of Chapter 4901:1-22, Ohio Administrative Code Uniform Electric Interconnection Standards, as such rules and regulations may be revised from time to time by the Commission; and (d) all other applicable local, state and federal codes and laws, as the same may be in effect from time to time.
4. Customer shall operate the Generation Facilities 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 Generation Facilities are being operated in parallel with Company's electric system, Customer shall so operate the Generation Facilities in such a manner that no disturbance will be produced thereby to the service 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 Generation Facilities is secondary to, and shall not interfere with, Company's ability to meet its primary responsibility of furnishing reasonably adequate service to its customers.
5. Customer's control equipment for the Generation Facilities shall immediately, completely, and automatically disconnect and isolate the Generation Facilities from Company's electric system in the event of a fault on Company's electric system, a fault on Customer's electric

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

system, or loss of a source or sources on Company's electric system. The automatic disconnecting device included in such control equipment shall not be capable of reclosing until after service is restored on Company's electric system. Additionally, if the fault is on Customer's electric system, such automatic disconnecting device shall not be reclosed until after the fault is isolated from Customer's electric system. Upon Company's request, Customer shall promptly notify Company whenever such automatic disconnecting devices operate.

6. Customer shall install, operate, and maintain, at Customer's sole cost and expense, the Generation Facilities in accordance with IEEE 1547 and the manufacturer's suggested practices for safe, efficient and reliable operation of the Generation Facilities in parallel with Company's electric system. Customer shall bear full responsibility for the installation, maintenance and safe operation of the Generation Facilities. Upon request from the Company, Customer shall supply copies of periodic test reports or inspection logs.
7. Customer shall be responsible for protecting, at Customer's sole cost and expense, the Generation Facilities 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.
8. Customer must provide the Company reasonable opportunity to inspect the Generation Facilities prior to initial operation and witness the initial testing and commissioning of the Generation Facilities. Company may witness any commissioning tests required by IEEE 1547. Following the initial testing and inspection of the Generation Facilities and upon reasonable advance notice to Customer, Company shall have access at reasonable times to the Generation Facilities to perform reasonable on-site inspections to verify that the installation, maintenance and operation of the Generation Facilities comply with the requirements of this Agreement. The Company's cost of such inspection(s) shall be at Company's expense; however, Company shall not be responsible for any other cost Customer may incur as a result of such inspection(s). Upon written request, Customer shall inform Company of the next scheduled maintenance and allow Company to witness the maintenance program and any associated testing. Company shall also have at all times immediate access to breakers or any other equipment that will isolate the generation Facilities from Company's electric system.

Company shall have the right and authority to isolate the Generation Facilities at Company's sole discretion if Company believes that: (a) continued interconnection and parallel operation of the Generation Facilities with Company's electric system creates or contributes (or will create or contribute) to a system emergency on either Company's or Customer's electric system; (b) the Generation Facilities are not in compliance with the requirements of this tariff, and the noncompliance adversely affects the safety, reliability or power quality of Company's electric system; or (c) the Generation Facilities interfere 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 non-compliance prior to isolating the Generating Facilities.

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

9. Customer shall agree that, without the prior written permission from Company, no changes shall be made to the configuration of the Generation Facilities, as that configuration is described in the Interconnection Agreement, and no relay or other control or protection settings specified in the Interconnection Agreement shall be set, reset, adjusted or tampered with, except to the extent necessary to verify that the Generation Facilities comply with Company approved settings.
10. Each Party (the "Indemnifying Party") to the extent permitted by law shall indemnify and hold harmless the other Party from and against all claims, liability, damages and expenses, including attorney's fees, based on any injury to any person, including the loss of life, or damage to any property, including the loss of use thereof, arising out of, resulting from, or connected with, or that may be alleged to have arisen out of, resulted from, or connected with, an act or omission by the Indemnifying Party, its employees, agents, representatives, successors or assigns in the construction, ownership, operation or maintenance of the Indemnifying Party's facilities used in connection with is Agreement.
11. Customer shall agree to maintain reasonable amounts of insurance coverage against risks related to the Generation Facilities for which there is a reasonable likelihood of occurrence. Customer shall agree to provide Company from time to time with proof of such insurance upon Company's request.

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## RATE TS

### 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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### 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 (kilovolt amperes are abbreviated as kVA; kilowatt-hours are abbreviated as kWh):

1. Distribution Charges
  - (a) Customer Charge per month \$200.00
  - (b) Demand Charge  
All kVA \$ 0.000 per kVA
2. Applicable Riders
 

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

  - Sheet No. 70, Rider DR-IKE, Storm Recovery Rider
  - Sheet No. 83, Rider OET, Ohio Excise Tax Rider
  - Sheet No. 86, Rider USR, Universal Service Fund Rider
  - Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider
  - Sheet No. 89, Rider BTR, Base Transmission Rider
  - Sheet No. 97, Rider RTO, Regional Transmission Organization Rider
  - Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider
  - Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider
  - Sheet No. 111, Rider RC, Retail Capacity Rider
  - Sheet No. 112, Rider RE, Retail Energy Rider
  - Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider
  - Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate
  - Sheet No. 126, Rider PSR, Price Stabilization Rider

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**MINIMUM CHARGE**

The minimum charge shall be not less than fifty percent (50%) of the highest demand charge established during the preceding eleven (11) months or the billing of 1,000 kVA, whichever is higher.

**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 demand shall be the kilovolt amperes derived from the Company's demand meter for the fifteen-minute period of the customer's greatest use during the month, but not less than the higher of the following:

- a) Eighty-five (85%) of the highest monthly kilovolt amperes similarly established during the summer period for the next succeeding eleven (11) months; or
- b) 1,000 kilovolt amperes.

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 the period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

The Company may re-determine customer's billing demand at any time in recognition of a permanent change in load due to such occurrences as the installation of load control equipment or a temporary change due to malfunctions of such equipment.

**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

**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) month average demand of less than 10,000 kVA.
- (2) Twelve (12) months after receipt of written notice for customers with a most recent twelve (12) month average demand of 10,000 kVA or greater.

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

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**TERMS AND CONDITIONS (Contd.)**

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 percent (20%) of actual cost. The annual facilities charge shall be billed in twelve (12) monthly installments to be added to the demand charge.

**SERVICE REGULATIONS**

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

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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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

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 service will no longer be available for units installed after December 31, 2004.

#### 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 forty-eight (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:

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
1. Base Rate				
<u>OVERHEAD DISTRIBUTION AREA</u>				
Fixture Description				
Standard Fixture (Cobra Head)				
Mercury Vapor				
7,000 lumen	175	0.193	803	4.130
7,000 lumen (Open Refractor)	175	0.205	853	4.042
10,000 lumen	250	0.275	1,144	4.198
21,000 lumen	400	0.430	1,789	4.249

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**NET MONTHLY BILL (Contd.)**

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
Metal Halide				
14,000 lumen	175	0.193	803	4.130
20,500 lumen	250	0.275	1,144	4.197
Sodium Vapor				
9,500 lumen	100	0.117	487	7.305
9,500 lumen (Open Refractor)	100	0.117	487	7.025
16,000 lumen	150	0.171	711	7.925
22,000 lumen	200	0.228	948	7.869
27,500 lumen	200	0.228	948	7.870
50,000 lumen	400	0.471	1,959	9.628
Decorative Fixtures				
Sodium Vapor				
9,500 lumen (Rectilinear)	100	0.117	487	12.681
22,000 lumen (Rectilinear)	200	0.246	1,023	12.818
50,000 lumen (Rectilinear)	400	0.471	1,959	12.820
50,000 lumen (Setback)	400	0.471	1,959	17.603

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 fifty (50) feet of secondary wiring beyond the first one hundred fifty (150) feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$0.62.

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
<b><u>UNDERGROUND DISTRIBUTION AREA</u></b>				
Fixture Description				
Standard Fixture (Cobra Head)				
Mercury Vapor				
7,000 lumen	175	0.210	874	3.447
7,000 lumen (Open Refractor)	175	0.205	853	4.268

Filed pursuant to an Order dated  
of Ohio.

in Case No. 14-841-EL-SSO before the Public Utilities Commission

Issued:

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P.U.C.O. Electric No. 19

Sheet No. 60.16

Cancels and Supersedes

Sheet No. 60.16

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Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

**NET MONTHLY BILL (Contd.)**

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
10,000 lumen	250	0.292	1,215	3.488
21,000 lumen	400	0.460	1,914	2.805
Sodium Vapor				
9,500 lumen	100	0.117	487	7.288
22,000 lumen	200	0.228	948	7.869
27,500 lumen	200	0.228	948	6.144
50,000 lumen	400	0.471	1,959	9.629
Decorative Fixtures				
Mercury Vapor				
7,000 lumen (Town & Country)	175	0.205	853	7.467
7,000 lumen (Hollophane)	175	0.210	874	8.002
7,000 lumen (Gas Replica)	175	0.210	874	15.520
7,000 lumen (Aspen)	175	0.210	874	8.493
Metal Halide				
14,000 lumen (Granville)	175	0.210	874	8.493
14,000 lumen (Town & Country)	175	0.205	853	7.387
14,500 lumen (Gas Replica)	175	0.210	874	19.877
Sodium Vapor				
9,500 lumen (Town & Country)	100	0.117	487	12.344
9,500 lumen (Hollophane)	100	0.128	532	9.969
9,500 lumen (Rectilinear)	100	0.117	487	10.118
9,500 lumen (Gas Replica)	100	0.128	532	23.384
9,500 lumen (Aspen)	100	0.128	532	10.507
16,000 lumen (Aspen)	150	0.171	711	6.187
22,000 lumen (Rectilinear)	200	0.246	1,023	10.009
50,000 lumen (Rectilinear)	400	0.471	1,959	12.279
50,000 lumen (Setback)	400	0.471	1,959	13.744

**POLE CHARGES**

<u>Pole Description</u>	<u>Pole Type</u>	<u>\$/Pole</u>
Wood		
17 foot (Wood Laminated) (a)	W17	4.34
30 foot	W30	4.74
35 foot	W35	5.01
40 foot	W40	5.79
Aluminum		
12 foot	A12	12.70
28 foot	A28	7.05
28 foot (heavy duty)	A28H	7.15
30 foot (anchor base)	A30	21.18

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**NET MONTHLY BILL (Contd.)**

Pole Description (Contd.)	Pole Type	\$/Pole
Fiberglass		
17 foot	F17	4.35
30 foot (bronze)	F30	9.41
35 foot (bronze)	F35	9.52
40 foot	F40	5.78
Steel		
27 foot (11 gauge)	S27	17.37
27 foot ( 3 gauge)	S27H	23.51

**Spans of Secondary Wiring:**

For each increment of twenty-five (25) feet of secondary wiring beyond the first twenty-five (25) feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$1.32.

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. Applicable Riders**

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

**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.

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Cincinnati, Ohio 45202

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

**SERVICE REGULATIONS**

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

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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 January 1, 1992, 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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

**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 as follows:  
Distribution Energy and Equipment Charge \$0.005034 per kWh
- (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 \$0.026291 per kWh
- (c) Where the Company supplies energy and has agreed to provide limited maintenance for traffic signal equipment all kilowatt-hours shall be billed as follows:  
Distribution Energy and Equipment Charge \$0.035228 per kWh

2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider

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**NET MONTHLY BILL (Contd.)**

Sheet No. 112, Rider RE, Retail Energy Rider  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

**TERM OF SERVICE**

One (1) 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 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 one hundred fifty (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 needs 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 such extension, relocation or rearrangement is performed in the course of the Company's routine system upgrade, or where a municipality requires such work when acting in its governmental capacity; then, no payment will 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.

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**SERVICE REGULATIONS**

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

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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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

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 service will no longer be available for units installed after December 31, 2004.

#### TYPE OF SERVICE

All equipment will be installed, owned and maintained by the Company on rights-of-way provided by the customer. The Company will perform maintenance only during regularly scheduled working hours and will endeavor to replace burned-out lamps within forty-eight (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.

#### NET MONTHLY BILL

##### 1. Base Rate

##### A. Private outdoor lighting units:

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 16 feet for overhead units will be assessed:

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
<u>Standard Fixtures (Cobra Head)</u>				
<u>Mercury Vapor</u>				
7,000 lumen (Open Refractor)	175	0.205	853	7.537
7,000 lumen	175	0.210	874	12.803
10,000 lumen	250	0.292	1,215	13.067
21,000 lumen	400	0.460	1,914	14.391

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

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
<u>Metal Halide</u>				
14,000 lumen	175	0.210	874	12.805
20,500 lumen	250	0.292	1,215	13.066
36,000 lumen	400	0.460	1,914	14.389
<u>Sodium Vapor</u>				
9,500 lumen (Open Refractor)	100	0.117	487	7.700
9,500 lumen	100	0.117	487	10.005
16,000 lumen	150	0.171	711	11.806
22,000 lumen	200	0.228	948	11.273
27,500 lumen	100	0.117	487	10.008
27,500 lumen	200	0.228	948	11.333
50,000 lumen	400	0.471	1,959	10.021
<u>Decorative Fixtures (a)</u>				
<u>Mercury Vapor</u>				
7,000 lumen (Town & Country)	175	0.205	853	17.142
7,000 lumen (Aspen)	175	0.210	874	24.392
<u>Sodium Vapor</u>				
9,500 lumen (Town & Country)	100	0.117	487	26.149
9,500 lumen (Holographane)	100	0.128	532	27.142
9,500 lumen (Gas Replica)	100	0.128	532	48.389
22,000 lumen (Rectilinear)	200	0.246	1,023	28.708

- B. When requesting installation of a decorative unit, the customer may elect to make an additional contribution to obtain the monthly rate per unit charge for the same size standard (cobra head) outdoor lighting fixture.

- C. Flood lighting units served in overhead distribution areas (FL):

The following monthly charge for each fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, will be assessed:

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### NET MONTHLY BILL (Contd.)

	Lamp Watts	KW/Unit	Annual kWh	Distribution Energy & Equipment \$/Unit
<u>Mercury Vapor</u>				
21,000 lumen	400	0.460	1,914	13.308
<u>Metal Halide</u>				
20,500 lumen	250	0.246	1,023	9.835
36,000 lumen	400	0.460	1,914	13.308
<u>Sodium Vapor</u>				
9,500 lumen	100	0.117	487	9.289
22,000 lumen	200	0.246	1,023	9.836
30,000 lumen	200	0.246	1,023	9.835
50,000 lumen	400	0.480	1,997	10.822

Additional facilities, if needed will be billed at the time of installation.

### 2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

### LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

### 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.

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#### GENERAL CONDITIONS

1. In cases of repeated vandalism, the Company at its option will repair or remove its damaged equipment and the customer shall pay for repairs on a time and material basis, plus overhead charges. If the equipment is removed, the customer will be billed for the unexpired term of the contract.
2. If the customer requires the extension, relocation or rearrangement of the Company's system, the customer will pay, in addition to the monthly charge, the Company on a time and materials basis, plus overhead charges, for such extension, relocation or rearrangement unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for customer approval before work is carried out.
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 the end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

#### SERVICE REGULATIONS

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

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## RATE NSU

### STREET LIGHTING SERVICE FOR NON-STANDARD UNITS

#### APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof, hereafter 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 December 2, 1983.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### 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 forty-eight (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.

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
1. Base Rate				
A. Company Owned				
1) Steel boulevard units and 15 and 30 ft. steel poles served underground				
a. 1,000 lumen incandescent	65	0.065	270	8.370
b. 4,000 lumen incandescent	295	0.295	1,227	13.744
c. 6,000 lumen incandescent	405	0.405	1,685	17.001
d. 50,000 lumen sodium vapor	400	0.471	1,959	12.284
2) Steel light units served overhead on Company owned pole				
a. 2,500 lumen incandescent	148	0.148	616	5.200
b. 6,000 lumen incandescent	405	0.405	1,685	1.542
c. 2,500 lumen mercury vapor	100	0.115	478	5.617

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

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
<b>B. Customer owned</b>				
1) Lighting system on steel poles served either overhead or underground with limited maintenance by Company	400	0.460	1,914	0.173
a. 21,000 lumen mercury vapor				
2) Fixtures mounted on Company owned pole served underground in conduit with limited maintenance by Company	400	0.460	1,914	13.676
a. 21,000 lumen mercury vapor				
(Two fixtures per pole)				
<b>2. Applicable Riders</b>				
The following riders are applicable pursuant to the specific terms contained within each rider:				
Sheet No. 70, Rider DR-IKE, Storm Recovery Rider				
Sheet No. 83, Rider OET, Ohio Excise Tax Rider				
Sheet No. 86, Rider USR, Universal Service Fund Rider				
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider				
Sheet No. 89, Rider BTR, Base Transmission Rider				
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Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider				
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider				
Sheet No. 111, Rider RC, Retail Capacity Rider				
Sheet No. 112, Rider RE, Retail Energy Rider				
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Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider				
Sheet No. 125, Rider DSR, Distribution Storm Rider				
Sheet No. 126, Rider PSR, Price Stabilization Rider				

## **LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

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Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 63.16  
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**TERM OF SERVICE**

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

**GENERAL CONDITIONS**

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

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

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

(3) When a Company owned street lighting unit reaches the 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 Public Utilities Commission of Ohio, and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

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## RATE NSP

### PRIVATE OUTDOOR LIGHTING FOR NON-STANDARD UNITS

#### APPLICABILITY

Applicable to service for outdoor lighting on private property with Company owned overhead 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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### TYPE OF SERVICE

All equipment will be installed, owned and maintained by the Company on rights-of-way provided by the customer. The Company will perform maintenance only during regularly scheduled working hours and will endeavor to replace burned-out lamps within forty-eight (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.

#### NET MONTHLY BILL

1. Private outdoor lighting units:

The following monthly charge for Town and Country fixtures installed, or for which customer has contracted with Company to install, prior to March 1, 1991 will be assessed:

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
9,500 lumen Sodium Vapor	100	0.117	487	11.834

The following monthly charge will be assessed for existing facilities, but this unit will not be available to new customers after March 2, 1972:

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
2,500 lumen Mercury, Open Refractor	100	0.115	478	9.315
2,500 lumen Mercury, Encl. Refractor	100	0.115	478	13.168

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### NET MONTHLY BILL (Contd.)

#### 2. Outdoor lighting units served in underground residential distribution areas:

The following monthly charge will be assessed for existing fixtures which include lamp and luminaire, controlled automatically, with an underground service wire not to exceed thirty-five (35) feet from the service point, but these units will not be available to new customers after March 1, 1991:

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
7,000 lumen Mercury, Mounted on a 17-foot Fiberglass Pole	175	0.205	853	16.806
7,000 lumen Mercury, Mounted on a 30-foot Wood Pole	175	0.205	853	15.131

#### 3. Flood lighting units served in overhead distribution areas:

The following monthly charge will be assessed for each existing fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, with a span of wire not to exceed one hundred twenty (120) feet, but these units will not be available to new customers after June 1, 1982:

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
52,000 lumen Mercury (35-foot Wood Pole)	1,000	1.102	4,584	12.915

#### 4. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

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

Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

#### **LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

#### **TERM OF SERVICE**

Three (3) years, terminable thereafter on ten (10) days written notice by either customer or Company.

#### **GENERAL CONDITIONS**

1. In cases of repeated vandalism, the Company at its option will repair or remove its damaged equipment 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 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.
3. When a lighting unit reaches the end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

#### **SERVICE REGULATIONS**

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

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## RATE SC

### STREET LIGHTING SERVICE - CUSTOMER OWNED

#### APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof, and incorporated homeowners 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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

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 service will no longer be available for units installed after December 31, 2008.

#### 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 forty-eight (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:

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
1. Base Rate				
Fixture Description				
Standard Fixture				
(Cobra Head)				
Mercury Vapor				
21,000 lumen	400	0.430	1,788	0.385
Sodium Vapor				
9,500 lumen	100	0.117	487	1.500
16,000 lumen	150	0.171	711	1.500
22,000 lumen	200	0.228	948	1.500
27,500 lumen	250	0.318	1,323	0.750
50,000 lumen	400	0.471	1,959	0.882

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**NET MONTHLY BILL (Contd.)**

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
Decorative Fixtures				
Sodium Vapor				
16,000 lumen (Hadco)	150	0.171	711	1.937
22,000 lumen (Rectilinear)	200	0.246	1,023	1.250
50,000 lumen (Rectilinear)	400	0.471	1,959	1.018

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

<u>Pole Description</u>	<u>Pole Type</u>	<u>\$/ Pole</u>
Wood		
30 foot	W30	4.74
35 foot	W35	5.01
40 foot	W40	5.79
Aluminum		
12 foot	A12	12.70
28 foot	A28	7.05

**Customer Owned and Maintained Units**

The rate for energy used for this type street lighting will be shown 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.

Distribution \$0.005904 per kWh

**2. Applicable Riders**

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

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### NET MONTHLY BILL (Contd.)

Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

### LATE PAYMENT CHARGE

*Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.*

### TERM OF SERVICE

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

### GENERAL CONDITIONS

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

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**GENERAL CONDITIONS (Contd.)**

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 Public Utilities Commission of Ohio, and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

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## RATE SE

### STREET LIGHTING SERVICE - OVERHEAD EQUIVALENT

#### APPLICABILITY

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

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

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 service will no longer be available for units installed after December 31, 2004.

#### 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 forty-eight (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:

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
1. Base Rate				
Fixture Description				
Decorative Fixtures				
<u>Mercury Vapor</u>				
7,000 lumen (Town & Country)	175	0.205	853	4.543
7,000 lumen (Holophane)	175	0.210	874	4.479
7,000 lumen (Gas Replica)	175	0.210	874	4.479
7,000 lumen (Aspen)	175	0.210	874	4.478

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

	Lamp Watts	KW/Unit	Annual kWh	Distribution Energy & Equipment \$/Unit
<u>Sodium Vapor</u>				
9,500 lumen (Town & Country)	100	0.117	487	7.305
9,500 lumen (Holophane)	100	0.128	532	7.169
9,500 lumen (Rectilinear)	100	0.117	487	7.309
9,500 lumen (Gas Replica)	100	0.128	532	7.170
9,500 lumen (Aspen)	200	0.128	532	7.170
22,000 lumen (Rectilinear)	200	0.246	1,023	7.642
50,000 lumen (Rectilinear)	400	0.471	1,959	9.628
<u>Metal Halide</u>				
14,000 lumen (Town & Country)	175	0.205	853	4.543
14,000 lumen (Granville)	175	0.210	874	4.479
14,400 lumen (Rectangular Cutoff)	175	0.210	874	12.705
14,500 lumen (Gas Replica)	175	0.210	874	4.478
36,000 lumen (Low Profile)	400	0.455	1,893	10.953

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

## 2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
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#### **LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

#### **TERM OF SERVICE**

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

#### **GENERAL CONDITIONS**

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

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

- (6) When a street lighting unit reaches the 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

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**GENERAL CONDITIONS (Cont'd)**

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**

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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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### CONTRACT FOR SERVICE

The customer will enter into an Agreement for Electric Service for Outdoor Lighting for a minimum of one (1) year and renewable annually, automatically, thereafter.

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

#### LIGHTING HOURS

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

#### NET MONTHLY BILL

Computed in accordance with the following charge:

1. Base Rate Distribution \$0.005905 per kWh
2. Applicable Riders  
The following riders are applicable pursuant to the specific terms contained within each rider:  
Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
Sheet No. 80, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Filed pursuant to an Order dated  
Commission of Ohio.

in Case No. 14-841-EL-SSO before the Public Utilities

---

Issued:

Effective:

Issued by James P. Henning, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 67.16  
Cancels and Supersedes  
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**NET MONTHLY BILL (Contd.)**

Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

**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 Public Utilities Commission of Ohio, and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated  
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in Case No. 14-841-EL-SSO before the Public Utilities

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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 and 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 monthly Maintenance Charges every three years.

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Filed pursuant to an Order dated November 22, 2011 in Case No. 11-3549-EL-SSO before the Public Utilities Commission of Ohio.

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Sheet No. 68.2  
Cancels and Supersedes  
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## LEVELIZED FIXED CHARGE CALCULATION

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

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

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

## LATE PAYMENT CHARGE

Payment of the total monthly amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance 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 requests 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 and payment 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 efforts.

## SERVICE REGULATIONS

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## RIDER DR-IKE

### STORM RECOVERY RIDER

#### APPLICABILITY

Applicable to all retail jurisdictional customers in the Company's electric service areas.

#### **STORM RECOVERY RIDER**

All retail jurisdictional customers shall be assessed a charge through May 31, 2014 to recover the revenue requirement associated with costs incurred by the Company due to Hurricane Ike. The rates for all customers are shown below.

Rate RS, RSLI & RS3P	\$0.35 per month
Rate TD-AM	\$0.35 per month
Rate TD-CPP_LITE	\$0.35 per month
Rate TD-LITE	\$0.35 per month
Rate ORH	\$0.35 per month
Rate TD	\$0.35 per month
Rate CUR	\$0.35 per month
Rate DS	\$0.11 per kW
Rate EH	\$4.95 per month
Rate DM	\$0.37 per month
Rate GS-FL, SFL-ADPL	\$3.06 per month
Rate DP	\$0.11 per kW
Rate TS	\$0.00 per kVA
Lighting (SL, TL, OL, NSU, NSP, SC, SE, UOLS	\$0.03 per month

Issued Pursuant to an Order dated January 11, 2011 in Case No. 09-1946-EL-RDR before the Public Utilities Commission of Ohio.

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Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Original Sheet No. 71  
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## **RIDER DIR**

### **DEVELOPMENT INCENTIVE RIDER**

#### **GENERAL**

Under the terms of this Rider, qualifying customers are required to enter into a Service Agreement with the Company. The Development Incentive Rider consists of three separate programs designed to encourage development and/or redevelopment within the Company's service territory. These three programs are 1. the Economic Development Program 2. the Urban Redevelopment Program and 3. the Brownfield Incentive Program. Requirements of these programs are described below.

#### **PROGRAM DESCRIPTIONS**

##### **Economic Development 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. This Rider 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 this Rider and the Company approves such application. The new load applicable under this Rider must be a minimum of 1,000 kW at one delivery point. To qualify for service under this Rider, 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 this Rider. Where the customer is new to the Company's service area or is an existing customer expanding:

- 1) the customer must employ an additional workforce in the Company's service area of a minimum of twenty-five (25) full-time equivalent (FTE) employees. Employment additions must occur following the Company's approval for service under this Rider, and;
- 2) the customer's new load must result in minimum customer capital investment of one million dollars (\$1,000,000) at the customers' facility within the Company's service area. This capital investment must occur following the Company's approval for service under this Rider. (Item #1 above may be waived where an existing customers capital investment exceeds \$10 million.)

The Company may also consider applying this Rider 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 following provision applies:

- 1) The customer must agree, at a minimum, to retain the current number of FTE employees.

##### **Urban Redevelopment Program**

Applicable to new customers locating in an existing building of 50,000 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.

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Filed pursuant to an Order dated July 8, 2009 in Case No. 08-709-EL-AIR before the Public Utilities Commission of Ohio.

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Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
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## **PROGRAM DESCRIPTIONS (Contd.)**

### **Brownfield Redevelopment Program**

Applicable to customers locating in a qualified "brownfield" redevelopment area so designated by the Ohio Environmental Protection Agency and served by existing service lines. Additionally, customers are required to take service under the provisions of one of the Company's non-residential tariff schedules.

## **TERMS AND CONDITIONS**

These Riders are 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 Service Agreement for service under this Rider, the successor customer may be allowed to fulfill the balance of the Service Agreement under this Rider. This Rider is also not available for renewal of service following interruptions such as equipment failure, temporary plant shutdown, strike, or economic conditions. This Rider is not available for load shifted from one customer to another within the Company's service area.

The customer must enter into a Service Agreement with the Company which 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 for this Rider.

For customers entering into a Service Agreement under this Rider due to expansion, the Company may, at the customer's expense, install 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 Service Agreement, the customer must maintain a minimum demand in accordance with the Service Agreement and maintain a monthly average of 300 hours use of demand. Failure to do so will result in the customer's Service Agreement being terminated.

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.

## **NET MONTHLY BILLING**

The customer shall comply with all terms of the standard distribution tariff rate under which the customer takes service except the customers' monthly distribution demand charge shall be reduced by up to fifty (50) percent for a period of twenty-four (24) months. The customer will pay the full amount of all riders and the entirety of the applicable market-based standard service offer.

The customer may request an effective date of the Service Agreement which is no later than twelve (12) months after Company's approval of the Service Agreement with the customer. A Service Agreement must be fully executed within 30 days of taking the subject new service from the Company. All subsequent billings shall be at the appropriate full standard service tariff rate.

## **TYPE OF SERVICE**

The service provided shall be 60Hz alternating current provided at the Company's standard distribution or transmission voltage.

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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 Public Utilities Commission of Ohio, and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated July 8, 2009 in Case No. 08-709-EL-AIR before the Public Utilities Commission of Ohio.

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Cincinnati, Ohio 45202

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Sheet No. 72.1  
Cancels and Supersedes  
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## **RIDER TS**

### **TEMPORARY SERVICE**

#### **APPLICABILITY**

Applicable to electric service in the entire service area of a temporary nature, 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 rate the customer will pay in advance the entire estimated cost of installing and removing facilities.

#### **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 premises.

#### **SERVICE REGULATIONS**

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

Filed pursuant to an Order dated March 29, 2006 in Case No. 06-407-GE-ATA before the Public Utilities Commission of Ohio.

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Sheet No. 73.3  
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## RIDER X

### LINE EXTENSION POLICY

#### APPLICABILITY

Available in entire service area and applicable to electric service supplied in accordance with provisions of the appropriate rate currently in effect, from the nearest available overhead distribution lines of required type of service, when it is necessary to extend such lines from existing distribution system to provide for new electric service or to provide for a material increase in the customer's load.

#### EXTENSION PLAN

A. For line extensions to residential single family homes, both individual homes and homes in a development, the following shall apply:

1. The Company shall be responsible for all costs associated with standard service installation, up to five thousand dollars per lot. The Company is not responsible for any costs associated with premium service.
2. The Customer shall be responsible for any costs above the five thousand dollars per individual lot.
3. The Customer shall be responsible for the incremental costs of premium services (the sum of the Company's cost to provide the premium installation minus the Company's cost of a standard, single-phase installation) prior to the start of construction.
4. The Customer shall make arrangements with the Company for the payment of the non-premium line extension costs that exceed five thousand dollars per lot. The Company shall afford the Customer (but not including developers of homes) the option of paying those costs, plus carrying costs and any applicable taxes, on a prorated monthly basis for up to fifty months.

B. For line extensions to residential, non-master-metered, multifamily installations (two or more units) the following shall apply:

1. The Company shall be responsible for all costs associated with standard service installation, up to twenty-five hundred dollars per unit.
2. The Customer shall be responsible for any costs above the twenty-five hundred dollars per individual unit.
3. The Customer shall be responsible for the incremental costs of premium services (the sum of the Company's cost to provide the premium installation minus the Company's cost of a standard, single-phase installation) prior to the start of construction.
4. The Customer shall make arrangements with the Company for the payment of the standard line extension costs that exceed twenty-five hundred dollars per unit. The Company shall afford the Customer, (but not including developers) the option of paying those costs, plus carrying costs and any applicable taxes, on a prorated monthly basis for up to fifty months.

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#### EXTENSION PLAN (Cont'd)

- C. For line extensions to nonresidential Customers the following shall apply:
1. The Company shall be responsible for sixty percent of the total cost of the line extension, for standard service installation.
  2. The Customer shall remit *forty percent of the total cost of the line extension for standard service installation prior to the start of construction*, which shall be considered a Contribution In Aid of Construction (CIAC).
  3. In addition, to the extent the Customer requests premium installation service, the Customer shall be responsible for the incremental costs, including CIAC costs, of premium services (the sum of the Company's costs to provide the premium installation minus the Company's cost to install, in accordance with good utility practice, a standard line extension to the project) prior to the start of construction.
  4. If a substation is required as part of the line extension project to a Customer, the Customer shall be given the option of building (pursuant to all applicable electrical standards), owning, and maintaining such substation.
- D. Any Customer who paid to the Company a Contribution in Aid of Construction (CIAC), other than for premium services, may be entitled to a refund of a portion of the CIAC paid in accordance with the following:
1. If any new Customer, within fifty months of the completion of a line extension project utilizes all or part of the facilities for which the cost of standard service installation has been paid, the *Customer who paid the installation costs may be entitled to a refund which represents a pro rata portion of the original cost calculated to equitably share the cost responsibility for those facilities used in service by both the new and original Customer. The new Customer will pay the pro rata portion of the original installation cost to the Company and if either a premium installation or an additional line extension project is required for such new Customer, any additional costs that would be charged under paragraphs (B), (C) or (D). After receiving the new Customer's pro rata portion, the Company will refund it to the original Customer.*
  2. If any new additional Customer, within fifty months of the completion of the line extension project for which a party has paid to the Company a CIAC, utilizes all or part of the facilities for which a CIAC has been paid, *the party who paid the CIAC may also be entitled to a refund.*
- E. Nothing contained herein shall be construed to prohibit the Company from making, at its expense, greater extensions than herein prescribed, should its judgment so dictate.
- F. The title to all extensions and equipment covered by the extension agreements shall be and remain in the Company.
- G. The Company reserves the right to determine the type of equipment which is needed to extend service hereunder, as well as whether overhead or underground electric distribution facilities will be installed. If the Applicant desires to receive service different than that determined by the Company, the Applicant will pay to the Company the difference in cost between the different facilities.

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## DEFINITIONS

1. "Builder/Developer" – someone who builds or contracts for and supervises the construction of any commercial structure or someone who builds or contracts for and supervises the construction of a residence for purposes other than owning and occupying it.
2. "Premium Service Cost" – all costs and expenses incurred by the Company to provide service to the customer in excess of all the costs and expenses of a standard service. Premium Service Costs may include but are not limited to, customer requested oversized facilities or any additional costs that result from customer specifications that are in excess of standard construction, alternate construction routes, special construction costs due to obstructions or other physical factors, additional equipment, as well as costs associated with local ordinances or restrictions and any expenses imposed on the Company that are beyond the Company's control. The Company reserves the right to determine whether the constructions of underground electric distribution facilities are considered standard or premium services.
3. "Residence" – a living structure meeting the permanency requirement which includes a functional domestic kitchen and conventional sleeping facilities in compliance with all applicable residential building codes and regulations.
4. "Standard Service Installation" – is the least cost most direct route to extend facilities, in accordance with good utility practice, to the customer's delivery point from the Company's point of origin at the appropriate voltage level and availability of multi-phase facilities.

## TERM OF CONTRACT

The initial contract shall be for a period of fifty (50) months.

## SERVICE REGULATIONS

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

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Sheet No. 74.1  
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**RIDER EEPF  
ELECTRICITY EMERGENCY PROCEDURES  
FOR  
LONG-TERM FUEL SHORTAGES**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Issued pursuant to an Order dated  
Commission of Ohio.

in Case No. 14-841-EL-SSO before the Public Utilities

Issued:

Effective:

Issued by James P. Henning, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

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Sheet No. 75.1  
Cancels and Supersedes  
Sheet No. 75  
Page 1 of 6

## **RIDER EEPC**

### **EMERGENCY ELECTRIC PROCEDURES**

#### **APPLICABILITY**

Applicable in the entire territory where P.U.C.O. Electric No. 19 applies in the event of an energy emergency which necessitates curtailment of electric service, Duke Energy Ohio may curtail electrical service to its customers in the manner set forth herein, either at its sole discretion, or under applicable policies, guidelines, directives or procedures issued by the East Central Area Reliability Council (ECAR), National Electric Reliability Council (NERC), the Midwest Independent Transmission System Operator, Inc. (Midwest ISO), or their successor organizations, or when required by the Public Utilities Commission of Ohio (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 Ohio and/or outside the assigned service area of Duke Energy Ohio.

An emergency means an anticipated or existing shortage in the supply of or constraint in the transmission or distribution of electrical energy, 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 Ohio may take any remedial measure that it deems reasonably necessary to alleviate the emergency condition or that may be required either by the Commission or under applicable policies, guidelines, directives or procedures issued by ECAR (including the then current revision of ECAR Document No. 3, Emergency Operations), NERC, the Midwest ISO, or their successor organizations, or Duke Energy Ohio's emergency plan. During an emergency, Duke Energy Ohio will follow the procedures set forth herein with regard to essential customers as defined in Section II, below. Duke Energy Ohio 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, state and county prisons and detention institutions;
- (C) police and fire stations, Ohio 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 Ohio's program for critical customers;
- (E) radio and television stations used to transmit emergency messages and public information broadcasts relating to emergencies;

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## II. Essential Customers (Contd.)

- (F) water pumping plants essential to the supply of potable water to a community;
- (G) sewage plants essential to the collection, treatment or disposal of a community's sewage;
- (H) emergency management and response facilities and the county-wide "911" system;
- (I) nursing homes;
- (J) central office telephone switching stations; and
- (K) blood banks.

Duke Energy Ohio 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 Ohio 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 Ohio may, however, curtail power to essential customers during an emergency. Duke Energy Ohio will attempt to identify essential customers and maintain a list of these customers for its load curtailment plans. Duke Energy Ohio 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 Ohio'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 Ohio along with their request to enroll in the program.

Upon enrollment in the program, Duke Energy Ohio 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 Ohio will also notify these customers that it cannot guarantee a continuous and uninterrupted flow of power. Duke Energy Ohio will annually verify the customers' eligibility to continue to participate in the program.

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Issued pursuant to an Order dated March 29, 2006 in Case No. 06-407-GE-ATA before the Public Utilities Commission of Ohio.

Issued: March 31, 2006

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Issued by Julie Janson, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
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## **II. Essential Customers (Contd.)**

Any non-residential customer may apply to be considered an essential customer, provided they must notify Duke Energy Ohio in writing of this request and provide the specific reasons why they should be considered an essential customer. Duke Energy Ohio will respond in writing within ten days of receipt of the request informing the customer whether, in Duke Energy Ohio'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, interruptible power supplies, other alternative power sources or evacuation to another location.

Essential customers should prepare to implement their contingency plans any time that Duke Energy Ohio makes a public appeal for voluntary conservation, due to the possibility that Duke Energy Ohio may experience an emergency during such time that Duke Energy Ohio makes public appeals for voluntary conservation.

If Duke Energy Ohio has adequate advance notice that an emergency may occur, then Duke Energy Ohio 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 Ohio 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 Ohio 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 Ohio to immediately implement the more severe measures.

### **Pricing Signals and Special Contracts**

Duke Energy Ohio 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 Ohio 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 Ohio facilities.

### **Voltage Reduction**

Duke Energy Ohio may reduce voltages. However, Duke Energy Ohio will not reduce voltage more than 5% below normal allowable ranges.

### **Public and Targeted Appeals for Voluntary Conservation**

Duke Energy Ohio will issue news releases to request customers to voluntarily conserve electricity, with suggestions on how to conserve. Duke Energy Ohio will also contact large commercial and industrial customers (1000 kW or more) requesting them to conserve energy.

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### **III. Remedial Measures in the Event of Emergency (Contd.)**

#### **Public and Targeted Appeals for Voluntary Conservation (Contd.)**

Depending on the nature of the emergency, Duke Energy Ohio will issue additional news releases advising customers of a more critical need for voluntary conservation and also notifying customers that Duke Energy Ohio may implement rotating blackouts if the emergency conditions are not alleviated. Duke Energy Ohio will contact large commercial and industrial customers (1000 kW or more) requesting them to curtail all non-essential load.

#### **Automatic Reserve Sharing**

Automatic Reserve Sharing is a standard method for utilities to aid an adjoining, interconnected utility whose power reserves are low by transmitting power through the interconnection points to raise the reserves of the affected utility. In time of emergency, Duke Energy Ohio may utilize Automatic Reserve Sharing.

#### **Manual, Involuntary Load Curtailment**

Duke Energy Ohio 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 Ohio 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 Ohio's transmission system.

#### **Automatic Load Curtailment**

Duke Energy Ohio 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 Ohio experiences an emergency or when the Eastern Interconnect is threatened by transmission system reliability problems unrelated to conditions affecting Duke Energy Ohio'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 Ohio 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 Ohio will attempt to limit the number of essential customers affected by involuntary load curtailments; however, given the number of circuits within Duke Energy Ohio's system and the number of customers served by Duke Energy Ohio, it is likely that Duke Energy Ohio will interrupt power to some essential customers if involuntary load curtailment procedures become necessary to alleviate emergency conditions. Duke Energy Ohio will adjust manual involuntary curtailment schedules and attempt to provide advance notification to essential customers if involuntary load curtailment occurs.

Duke Energy Ohio 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 Ohio may initiate the following actions, as it deems appropriate, in the event of an emergency where curtailment is imminent or necessary.

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#### IV. Curtailment Procedures (Contd.)

- (A) If Duke Energy Ohio is unable to balance its generation and interchange schedules to its load after using all available resources, Duke Energy Ohio may, at its discretion, declare an emergency state to the NERC/ECAR Security Coordinator.
- (B) Duke Energy Ohio may enter into power purchases to the extent that generation resources are reasonably available and transmission loading will allow.
- (C) Duke Energy Ohio 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 Ohio cannot reasonably balance resources to load, then Duke Energy Ohio 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 Ohio 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 Ohio may curtail firm load to assist in maintaining regional system integrity.

Automatic under-frequency load shedding may occur in the event of a sudden decline of the frequency on the ECAR System or a sudden breakup that isolates all or parts of the Ohio 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:

Step	Freq-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 Ohio will interrupt power of selected distribution circuits and lines serving customers throughout its assigned service area at Duke Energy Ohio's sole discretion.

If automatic load shedding has occurred and frequency is still declining, Duke Energy Ohio 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 Ohio may take the following steps in the sequence set forth below:

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#### **IV. Curtailment Procedures**

- (A) Duke Energy Ohio may, at its discretion, interrupt power to controlled service loads and to loads rendered service under interruptible tariffs.
- (B) Duke Energy Ohio may reduce voltage up to five percent when deemed appropriate.
- (C) Duke Energy Ohio may manually shed load.

Duke Energy Ohio 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 Ohio's control, such as storms, floods, vandalism, strikes, fires, or accidents caused by third parties;
- (C) Duke Energy Ohio following any applicable orders, policies, guidelines, directives or procedures issued by the Commission, governmental authorities, East Central Area Reliability Council (ECAR), National Electric Reliability Council (NERC), the Midwest ISO, or their successor organizations;
- (D) provided that Duke Energy Ohio makes reasonable efforts to restore service as soon as reasonably practicable.

Notwithstanding the foregoing, Duke Energy Ohio may be liable for damages resulting from power interruptions attributable to its gross negligence or willful misconduct.

The provisions of these Emergency Electric Procedures are subject to the provisions of Duke Energy Ohio's Retail Electric Tariff, as then in effect and approved by the Commission, including but not limited to the provisions of Duke Energy Ohio's General Terms And Conditions For Electric Service.

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Sheet No. 76.5  
Cancels and Supersedes  
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## **RIDER LM**

### **LOAD MANAGEMENT RIDER**

#### **APPLICABILITY**

Applicable to customers served under Rate DS, Rate DP or Rate TS. Rider LM is voluntary and offers customers the opportunity to reduce their demand charges by shifting electric load from peak to off-peak periods.

#### **TIER I CUSTOMERS**

For purposes of this Rider LM, "Tier I Customers" refers to those customers where electric service is furnished under the provisions of Rate DS or DP.

##### **A. Charges**

- i. The monthly Customer Charge of the applicable service tariff schedule will be increased by an additional monthly charge of seven dollars and fifty cents (\$7.50) for each installed time of use (TOU) meter.
  - ii. The Demand provision of the applicable service tariff schedule shall be modified to the extent that the billing demand shall be based upon the On Peak Period, as defined below.
- B. For purposes of determining the On Peak Period and the Off Peak Period as applicable to Tier I Customers, the Summer Season is the period beginning June 1 and ending September 30 for customers with demand meters with programmable TOU registers. For Tier I Customers with interval metering, the Summer Season is as defined below for Tier II Customers.
- C. For purposes of determining the On Peak Period and the Off Peak Period as applicable to Tier I Customers, the Winter Season consists of all other days which have not been recognized in the Summer Season.
- D. At the Company's discretion, Company will install a demand meter with programmable TOU register as such metering equipment and Company personnel are available. The customer will be required to pay the current installed cost of the TOU 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 provisions of the applicable service tariff schedule. All metering equipment shall remain the property of the Company, which shall be responsible for its installation, operation, maintenance, testing, replacement, or removal.

#### **TIER II CUSTOMERS**

For purposes of this Rider LM, "Tier II Customers" refers to those customers where electric service is furnished under the provisions of Rate TS.

##### **A. Charges**

- i. The monthly Customer Charge of the applicable service tariff schedule will be increased by an additional monthly charge of one hundred fifty dollars (\$150.00).

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Duke Energy Ohio  
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#### **TIER II CUSTOMERS (continued)**

- ii. The Demand provision of the applicable service tariff schedule shall be modified to the extent that the billing demand shall be based upon the On Peak Period, as defined below, provided however that in no case shall the billing demand be less than:
  - (a) Fifty (50%) of the highest fifteen (15) minute demand established during the Off Peak Period; or
  - (b) the billing demand as determined in accordance with the minimum Demand provisions of the applicable service tariff schedule.
- iii. For purposes of determining the On Peak Period and the Off Peak Period as applicable to Tier II Customers, the Summer Season begins with consumption after the customer's May meter reading and ends with the consumption billed as a result of the September meter reading. *The following is an example of how the summer period by billing cycle is defined: For customers in the first billing cycle (Cycle 1), the summer billing season would cover the approximate period of May 1 through September 1. For customers in the last billing cycle (Cycle 21), the summer period would cover the approximate period of May 31 through September 30. The meter reading dates by billing cycle will vary based on the Company's meter reading schedule.*
- iv. The Winter Season consists of all other days which have not been recognized in the Summer Season.

#### **OFF PEAK PROVISION**

The Off Peak Period for the summer season is defined as the period from 8:00 p.m. of one day to 11:00 a.m. of the following day; Friday from 8:00 p.m. to 11:00 a.m. of the following Monday; and from 8:00 p.m. of the day preceding a legal holiday to 11:00 a.m. of the day following that holiday. The Off Peak Period for the Winter Season is defined as the period 2:00 p.m. to 5:00 p.m. and from 9:00 p.m. of one day to 9:00 a.m. of the following day; Friday from 9:00 p.m. to 9:00 a.m. of the following Monday; and from 9:00 p.m. of the day preceding a legal holiday to 9:00 a.m. of the day following that holiday.

The following are recognized legal holidays as far as load conditions of the Company's system are concerned: New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, Christmas Day or with the exception that if the foregoing holidays occur on a Sunday, the following Monday is considered a holiday.

#### **ON PEAK PERIOD**

The On Peak Period is defined as all hours exclusive of the Off Peak Period hours set forth in the preceding section.

#### **TERMS AND CONDITIONS**

The term of contract shall be for 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 thirty (30) days notice to customers affected, to change the time or times during which on peak demands may be established.

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**TERMS AND CONDITIONS (continued)**

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

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## **RIDER TES**

### **THERMAL ENERGY STORAGE RIDER**

#### **APPLICABILITY**

Applicable to customers who receive energy supply from the Company and who have installed a thermal storage cooling system and enter into a Service Agreement with the Company which will specify, among other terms and conditions, the kilowatt load to be shifted to the off peak period.

#### **NET MONTHLY BILL**

The Net Monthly Bill shall be computed in accordance with the provisions of the respective distribution service tariff, transmission service tariff, or as provided for by Rider LM, Load Management Rider.

#### **BILLING DEMAND**

The Company will utilize the actual demand established during the on peak period for monthly billing purposes. In the event the customer's equipment malfunctions during the off peak period and impacts the billing demand, an adjustment to the billing demand may be made, at the Company's discretion.

#### **TERMS AND CONDITIONS**

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 following are recognized as legal holiday 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 or on the day nationally designated to be celebrated as such with the exception that if the foregoing holidays occur on a Sunday, the following Monday is considered a holiday. The summer period is defined as that period represented by the Company's billing for the four (4) revenue months of June through September.

A thermal storage cooling system is defined as a system utilizing heating, ventilating, and air conditioning (HVAC) equipment to accumulate energy in a body or system in the form of sensible heat (temperature rise) or latent heat (a change of phase). The stored energy is subsequently used to provide process cooling or space conditioning during the Company's on peak hours instead of operating traditional HVAC equipment.

Customer shall provide Company with access to customer's thermal storage cooling system for purposes of verifying that the system is well maintained and reliable.

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

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**RIDER GP**

**GOGREEN RIDER**

**APPLICABILITY**

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

**DEFINITION OF GOGREEN**

GoGreen supports alternative energy sources brought into service on or after 1997, such as:

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

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

**GOGREEN COMPETITIVE RETAIL ELECTRIC SERVICE MARKET PRICE**

For all GoGreen units .....\$1.00 per unit per month

Minimum purchase is two (2) 100 kWh units. Additional purchases to be made in 100 kWh unit increments.

**NET MONTHLY BILL**

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

The purchase of GoGreen units, under this Rider, will be billed at the applicable GoGreen Rate times the number of GoGreen units the customer has agreed to purchase per month. The customer's monthly bill will consist of the sum of all kWh billed at the applicable rate tariffs, including all applicable riders, and the agreed to GoGreen units billed at the applicable Green Power Rate.

**TERMS AND CONDITIONS**

1. The customer shall enter into a service agreement with Company that shall specify the amount of GoGreen units and price of GoGreen units to be purchased monthly. Customer shall give Company thirty (30) days notice prior to cancellation of participation in this rider.
2. Funds from the GoGreen Rate will be used to purchase RECs from renewable and environmentally friendly sources as described in the DEFINITION OF GOGREEN section and for customer education, marketing, and costs of the GoGreen Program.

Filed pursuant to an Order dated May 1, 2013 in Case No. 12-1682-EL-AIR before the Public Utilities Commission of Ohio.

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**TERMS AND CONDITIONS (continued)**

3. RECs shall mean tradable units that represent the commodity formed by unbundling the environmental attributes of a unit of renewable or environmentally friendly energy from the underlying electricity. One REC would be equivalent to the environmental attributes of one MWH of electricity from a renewable or environmentally friendly generation source.
4. Company may transfer RECs at the prevailing wholesale market prices to and from third parties, including affiliated companies.
5. Company reserves the right to terminate the Rider or revise the pricing or minimum purchase amount of the Rider after giving sixty (60) days notice.

**SERVICE REGULATIONS**

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

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Filed pursuant to an Order dated May 1, 2013 in Case No. 12-1682-EL-AIR before the Public Utilities Commission of Ohio.

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**RIDER EER**

**ENERGY EFFICIENCY REVOLVING LOAN PROGRAM RIDER**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Filed pursuant to an Order dated  
Commission of Ohio.

in Case No. 14-841-EL-SSO before the Public Utilities

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Issued:

Issued by James P. Henning, President

Effective:



Duke Energy Ohio  
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Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 83.4  
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**RIDER OET**

**OHIO EXCISE TAX RIDER**

**APPLICABILITY**

Applicable to all jurisdictional retail customers in the Company's electric service area except that customers who meet the eligibility requirements contained in section 5727.81 of the Ohio Revised Code may elect to self-assess this tax.

**CHARGE**

The Ohio excise tax is applicable to all usage on and after May 1, 2001 as follows:

First 2,000 kWh	\$0.00465 per kWh
Next 13,000 kWh	\$0.00419 per kWh
Additional kWh	\$0.00363 per kWh

Filed pursuant to an Order dated November 22, 2011 in Case No. 11-3549-EL-SSO before the Public Utilities Commission of Ohio.

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Issued by Julie Janson, President

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**RIDER USR**

**UNIVERSAL SERVICE FUND RIDER**

**APPLICABILITY**

Ohio Amended Substitute Senate Bill No. 3 established a Universal Service Fund in the State of Ohio. This Rider is applicable to all jurisdictional retail customers, including interdepartmental sales, in the Company's electric service area.

**CHARGE**

All kWh are subject to the Universal Service Fund Rider. The amount to be charged monthly beginning January 2, 2013 shall be as follows:

First 833,000 kilowatt-hours	\$0.0007860 per kWh
All Additional kilowatt-hours	\$0.0004690 per kWh

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## **RIDER PLM**

### **PEAK LOAD MANAGEMENT PROGRAM**

#### **AVAILABILITY**

Applicable to customers served under the Standard Rates DS, DP, and TS. Customers electing to choose an alternative supplier will be able to participate as described in the Service Agreement.

#### **PROGRAM DESCRIPTION**

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

#### **SERVICE OPTIONS**

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

- a) reduce demand to a specified amount (Firm Service Level – FSL), or
- b) reduce energy usage below their baseline (Guaranteed Load Drop – GLD).

Upon approval of Company and subject to Company requirements included in the Service Agreement, customers will have the choice to combine the electric loads of multiple accounts (aggregate) served under the Company's Standard Rate Schedules, for any of the options available under the PLM Program. Any aggregation of customer loads applies only to the provisions of this Rider (the PLM Program) and in no way is to be used to migrate between or to the Company's Standard Rate Schedules.

The specific hours for the PLM service option will be mutually agreed upon between customer and Company and specified in the Service Agreement. The targeted hours for the PLM Program will generally be between 11:00 A.M. and 8:00 P.M., Monday through Friday, during summer months and 7:00 A.M. and 1:00 P.M., Monday through Friday, during winter months.

Buy-through energy, if applicable, is the incremental energy the customer has decided to purchase in lieu of managing their electric demand or energy usage as agreed upon between the customer and the Company. Buy-through energy is not available during emergency events.

#### **Firm Service Level**

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

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### **SERVICE OPTIONS (continued)**

Company will provide buy-through energy, if available and as specified in the Service Agreement, to be billed based on price quotes (Buy-through Quotes) provided to customer. Buy-through Quotes will be an incremental charge above all charges included in customer's Standard Rate including all applicable riders and taxes. Such Buy-through Quotes will include a) applicable transmission, distribution and generation charges plus 10%. Customer will be billed for all usage above the Firm Service Level at such Buy-through Quotes and Standard Rates.

If buy-through energy is not available (e.g., during emergency curtailment events) and customer fails to reduce its usage to the Firm Service Level, customer will be billed for all usage above the Firm Service Level as described above plus any applicable charges or penalties received by Company as a result of Company's participation with PJM Interconnection Inc.'s demand response constructs as described in the Service Agreement. In addition, customer's continued participation through Rider PLM is subject to review by Company with customer retaining all dispute resolution processes available to them through the Public Utilities Commission of Ohio.

#### **Guaranteed Load Drop**

Customers served under the Standard Rates DS, DP, and TS electing this option agree, upon notification by Company, to reduce energy usage below their Baseline Level as defined in the Service Agreement. Reductions below the Baseline Level during such periods will be credited to customer. Customer and Company will mutually agree on the amount of demand reduction, the conditions under which a request for reduction can be issued and the mechanism to be used to verify compliance. Based upon these factors, Company will establish a bill credit to be given to customer and the structure of the bill credit. The value of bill credit will take into consideration the projected avoided cost of firm capacity and energy, any bill savings from reducing load under the applicable Standard Rates and program administrative costs.

If applicable, customer will agree to provide Company with an estimate of the amount of load reduction to be provided during event periods. The Baseline Level must be mutually agreeable to both the customer and the Company as representing the customer's usage level that would have occurred absent the event during the time period that a notification could be given.

Company will provide buy-through energy, if available and as specified in the Service Agreement, to be billed based on price quotes (Buy-through Quotes) provided to customer. Buy-through Quotes will be an incremental charge above all charges included in customer's Standard Rate including all applicable riders and taxes. Such Buy-through Quotes will include applicable transmission, distribution and generation charges plus 10%. Customer will be billed for all usage above the Firm Service Level at such Buy-through Quotes and Standard Rates.

If buy-through energy is not available (e.g., during emergency curtailment events) and customer fails to reduce its usage to the Firm Service Level, Customer will be billed for all usage above the Firm Service Level as described above plus any applicable charges or penalties received by Company as a result of Company's participation with PJM Interconnection LLC's demand response constructs as described in the Service Agreement. In addition, customer's continued participation through Rider PLM is subject to review by Company with customer retaining all dispute resolution processes

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Effective: May 6, 2013

Issued by James P. Henning, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 87.3  
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Sheet No. 87.2  
Page 3 of 4

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### **SERVICE OPTIONS (continued)**

available to them through the Public Utilities Commission of Ohio.

Under either service option, if Customer intends to accomplish load reduction through the use of an on-site generator(s), all information regarding such generator(s) requested in the Service Agreement must be provided. If applicable, suitable metering will be installed either by Customer or Company to measure the energy output of the Generator. Customer will provide suitable access and a suitable location for the installation of such metering equipment. Customer will bear the cost of all generator metering equipment required unless otherwise mutually agreed.

### **BILLING UNDER STANDARD RATES**

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

### **PROGRAM EQUIPMENT**

Company will provide Internet based communication software to be used to provide customer with price quotes. Customer will be responsible for providing its own Internet access.

Customer may purchase from either Company or other third-party suppliers any other necessary equipment or software packages to facilitate participation in this PLM Program. While customers are encouraged to use such equipment or software packages to maximize benefits under this PLM Program, it is not a requirement for program participation. It is customer's responsibility to ensure the compatibility of third-party equipment or software packages with any Company owned equipment or software packages.

### **CUSTOMER GENERATION**

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

### **TERM AND CONDITIONS**

Except as provided in this Rider PLM, all terms, conditions, rates, and charges outlined in the applicable Standard Rates will apply. Participation in the PLM Program will not affect Customer's obligations for electric service under these rates.

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

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**TERM AND CONDITIONS (continued)**

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

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**RIDER UE-GEN**

**UNCOLLECTIBLE EXPENSE – ELECTRIC GENERATION RIDER**

**APPLICABILITY**

Applicable to all retail jurisdictional customers in the Company's electric service territory including those customers taking generation service from a Competitive Retail Electric Service provider, except for those customer accounts not designated for Duke Energy Ohio's Purchase of Accounts Receivable.

**DESCRIPTION**

This rider enables the recovery of uncollectible accounts expense related to generation service. The amounts in the Rider will only be collected from the class (residential or non-residential) that created the uncollectible accounts expense. The first application shall be filed in the second quarter of 2012.

**CHARGE**

A charge of \$0.000601 per kWh shall be applied to all kWh delivered to residential customers. A charge of \$0.46 per bill shall be applied to each non-residential customer.

Filed pursuant to an Order dated August 28, 2013 in Case No. 13-1510-EL-UEx before the Public Utilities Commission of Ohio.

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## RIDER BTR

### BASE TRANSMISSION RIDER

#### APPLICABILITY

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

#### CHARGE

The Base Transmission Rider charges detailed below are to recover transmission costs related to the provision of retail transmission service in Duke Energy Ohio's service territory. Costs recoverable in this rider include transmission-related costs charged to Duke Energy Ohio by the Federal Energy Regulatory Commission (FERC), a FERC-approved regional transmission organization, or the Public Utilities Commission of Ohio (PUCO) including:

Schedule 1A	Transmission Owner Scheduling, System Control, and Dispatch
Schedule 2	Reactive Supply and Voltage Control from Generation or Other Sources
	Service
Schedule 12	Transmission Enhancement Charges

Network Integrated Transmission Service – Pursuant to Attachment H-22A  
Transmission Expansion Planning Costs billed directly or indirectly from the Midwest ISO, Inc.  
Consultant fees incurred by the PUCO and billed to Duke Energy Ohio  
Other transmission-related costs incurred by Duke Energy Ohio as approved by the FERC and the PUCO.

Costs recoverable under Rider BTR are limited to those charges approved by the FERC and the PUCO subject to R.C. 4928.05 and O.A.C. 4901:1-36.

Rider BTR contains two components: a BTR charge and an RTEP credit to reflect a Stipulation approved by the Commission in Case No. 11-2641-EL-RDR. Both components apply to all customers. The RTEP credit is a reduction to bills for all rate classes and reflects an agreement to credit the first \$121 million in RTEP costs billed to the Company's retail load.

#### RATE

The BTR charges and RTEP credits for each rate schedule are shown in the following tables. Both the BTR charge and the offsetting RTEP credit apply to all customers:

<u>BTR Charge Tariff Sheet</u>	<u>BTR Charge</u> (per kWh/kW)
Rate RS, RSLI, RS3P, Residential Service All kWh	\$0.004683
Rate ORH, Optional Residential Service With Electric Space Heating All kWh	\$0.004683
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering All kWh	\$0.004683

Filed pursuant to an Order dated September 18, 2013 in Case No.13-1633-EL-RDR before the Public Utilities Commission of Ohio.

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<u>BTR Charge Tariff Sheet</u>	<u>BTR Charge</u> (per kWh/kW)
Rate TD, Optional Time-of-Day Rate All kWh	\$0.004683
Rate CUR, Common Use Residential Rate All kWh	\$0.004683
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering All kWh	\$0.004683
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering All kWh	\$0.004683
Rate DS, Service at Secondary Distribution Voltage All kW	\$1.251700
Rate GS-FL, Optional Unmetered For Small Fixed Loads All kWh	\$0.004546
Rate EH, Optional Rate For Electric Space Heating All kWh	\$0.004750
Rate DM, Secondary Distribution Service, Small All kWh	\$0.004622
Rate DP, Service at Primary Distribution Voltage All kW	\$1.584900
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines All kWh	\$0.004546
Rate TS, Service at Transmission Voltage All kVA	\$1.789500
Rate SL, Street Lighting Service All kWh	\$0.000552
Rate TL, Traffic Lighting Service All kWh	\$0.000552
Rate OL, Outdoor Lighting Service All kWh	\$0.000552
Rate NSU, Street Lighting Service for Non-Standard Units All kWh	\$0.000552
Rate NSP, Private Outdoor Lighting for Non-Standard Units All kWh	\$0.000552
Rate SC, Street Lighting Service - Customer Owned All kWh	\$0.000552
Rate SE, Street Lighting Service - Overhead Equivalent All kWh	\$0.000552
Rate UOLS, Unmetered Outdoor Lighting Electric Service All kWh	\$0.000552

Filed pursuant to an Order dated September 18, 2013 in Case No.13-1633-EL-RDR before the Public Utilities Commission of Ohio.

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### RTEP Credit

<u>Tariff Sheet</u>	<u>RTEP Credit</u> (per kWh)
Rate RS, RSLI, RS3P, Residential Service	\$0.000519
Rate ORH, Optional Residential Service With Electric Space Heating	\$0.000519
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering	\$0.000519
Rate TD, Optional Time-of-Day Rate	\$0.000519
Rate CUR, Common Use Residential Rate	\$0.000519
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering	\$0.000519
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering	\$0.000519
Rate DS, Service at Secondary Distribution Voltage	\$0.000422
Rate EH, Optional Rate For Electric Space Heating	\$0.000422
Rate DM, Secondary Distribution Service, Small	\$0.000422
Rate DP, Service at Primary Distribution Voltage	\$0.000422
Rate GS-FL, Optional Unmetered For Small Fixed Loads	\$0.000422
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	\$0.000422
Rate TS, Service at Transmission Voltage	\$0.000422
Rate SL, Street Lighting Service	\$0.000422
Rate TL, Traffic Lighting Service	\$0.000422
Rate OL, Outdoor Lighting Service	\$0.000422
Rate NSU, Street Lighting Service for Non-Standard Units	\$0.000422
Rate NSP, Private Outdoor Lighting for Non-Standard Units	\$0.000422
Rate SC, Street Lighting Service - Customer Owned	\$0.000422
Rate SE, Street Lighting Service - Overhead Equivalent	\$0.000422
Rate UOLS, Unmetered Outdoor Lighting Electric Service	\$0.000422

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## RATE RTP

### REAL TIME PRICING PROGRAM

#### APPLICABILITY

Applicable to customers served under Rate DS, Rate DP, or Rate TS. 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 service agreement with a minimum term of one year. Customers electing a Certified Supplier will not be eligible to participate in the Program.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Electric Security Plan Standard Service Offer.

#### 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 Electric Security Plan 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 by both the customer and the Company as representing the customer's usage pattern under the Standard Rate Schedule (non-RTP). Agreement on the CBL is a requirement for participation in the RTP Program.

#### RTP BILLING

Customers participating in the RTP Program will be billed monthly based on the following calculation:

$$\text{RTP Bill} = \text{BC} + \text{PC} + \sum_{t=1}^n \{ (\text{CC}_t + \text{ED}_t) \times (\text{AL}_t - \text{CBL}_t) \}$$

Where:

BC	= Baseline Charge
PC	= Program Charge
CC <sub>t</sub>	= Commodity Charge for hour t
ED <sub>t</sub>	= Energy Delivery Charge for hour t
AL <sub>t</sub>	= Customer Actual Load for hour t
CBL <sub>t</sub>	= Customer Baseline Load in hour t
n	= total number of hours in the billing period
t	= an hour in the billing period

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### **BASELINE CHARGE**

The Baseline Charge is independent of customer's current monthly usage, and is designed to achieve bill neutrality with the customer's standard offer tariff if no change in electricity usage pattern occurs (less applicable program charges). The Baseline Charge is calculated at the end of the billing period and changes each billing period to maintain bill neutrality for a customer's CBL.

The Baseline Charge will be calculated as follows:

$$BC = (\text{Standard Bill @ CBL})$$

Where:

BC = Baseline Charge  
Standard Bill @ CBL = Customer's bill for the specific month on the applicable Rate Schedule using the CBL to establish the applicable billing determinants

The CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

### **PRICE QUOTES**

The Company will send to customer, within two (2) 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 by 3:00 p.m. 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 by 5:00 p.m. the day before they become effective.

### **COMMODITY CHARGE**

The Commodity Charge is a charge for generation. The applicable hourly Commodity Charge (Credit) shall be applied on an hour by hour basis to customer's incremental (decremental) usage from the CBL.

Charge (Credit) For Each kW Per Hour From The CBL:

For kWh<sub>t</sub> above the CBL<sub>t</sub>,  $CC_t = MVG_t \times LAF$

For kWh<sub>t</sub> below the CBL<sub>t</sub>,  $CC_t = MVG_t \times 80\% \times LAF$

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### COMMODITY CHARGE (Contd.)

Where:

LAF = loss adjustment factor  
= 1.0530 for Rate TS  
= 1.0800 for Rate DP  
= 1.1100 for Rate DS  
MVG<sub>t</sub> = Market Value Of Generation As Determined By Company for hour t

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 Balancing Market (Real-Time) Locational Marginal Price (LMP) at the DEOK Zone 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 distribution system to deliver energy to the customer. The applicable hourly Energy Delivery 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:

Rate DS .....	\$ 0.022245 per kW per Hour
Rate DP.....	\$ 0.024466 per kW per Hour
Rate TS.....	\$ 0.000000 per kW per Hour

The kW per Hour incremental or decremental usage from the CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

### 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 \$325 per billing period per customer 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

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## **APPLICABLE RIDERS**

All riders are billed against the total monthly demand and consumption, except for Rider RE, Rider RC, Rider SCR, Rider RTO, and Rider BTR which are billed against the CBL/BDH demand and consumption. The calculation of Rider ESSC and Rider LFA will be billed against BDH demand and total consumption. The following riders are applicable pursuant to the specific terms contained within each rider:

- Sheet No. 70, Rider DR-IKE, Storm Recovery Rider
- Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider
- Sheet No. 83, Rider OET, Ohio Excise Tax Rider
- Sheet No. 86, Rider USR, Universal Service Fund Rider
- Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider
- Sheet No. 89, Rider BTR, Base Transmission Rider
- Sheet No. 97, Rider RTO, Regional Transmission Organization Rider
- Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider
- Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider
- Sheet No. 106, Rider DR-SAWR, Energy Efficiency Recovery Rate
- Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider
- Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider
- Sheet No. 111, Rider RC, Retail Capacity Rider
- Sheet No. 112, Rider RE, Retail Energy Rider
- Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider
- Sheet No. 114, Rider LFA, Load Factor Adjustment Rider
- Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider
- Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate

## **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.

The primary term of service is one (1) year consisting of a consecutive twelve month period.

Customers who terminate their service agreement under Rate RTP after the initial one (1) year term shall not be eligible to return to the program for twelve (12) months from the termination date.

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 Public Utilities Commission of Ohio, and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

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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 \$20.00 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 insufficient funds.

### **SERVICE REGULATIONS**

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

Filed pursuant to an Order dated March 29, 2006 in Case No. 06-407-GE-ATA before the Public Utilities Commission of Ohio.

---

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## **CHARGE FOR RECONNECTION OF SERVICE**

### **APPLICABILITY**

Applicable in the Company's entire service area where electric service has been disconnected due to the enforcement of the Company's Electric Service Regulations, Sheet No. 20 Paragraph 3, Company's Right to Refuse or to Disconnect Service.

### **CHARGE FOR RECONNECTION OF SERVICE**

The Company may charge and collect in advance the following:

- A. The reconnection charge for electric service which has been disconnected due to enforcement of Sheet No. 20 Paragraph 3(c) or (g) of the Company's Electric Service Regulations shall be twenty-five dollars (\$25.00). In the event the customer is responsible for the unsafe or dangerous condition contemplated by paragraph 3(d) of Sheet No. 20, the charge for reconnection of electric service shall be twenty-five dollars (\$25.00).
- B. The reconnection charge for electric service which has been disconnected within the preceding twelve months at the request of the customer pursuant to Sheet No. 20, Paragraph 3(a) shall be twenty-five dollars (\$25.00).
- C. If both the electric service and the gas service have been disconnected, the reconnection charge shall be the sum of the gas charge set forth in the applicable gas tariff plus the applicable charge for electric service, as set forth above, except that such charge shall not exceed thirty-eight dollars (\$38.00).
- D. Where electric service was disconnected at the pole because the Company was unable to gain access to the meter, the reconnection charge will be \$65.00.
- E. If service is discontinued because of fraudulent use thereof, the Company may charge and collect, in addition to the applicable charge as stated above, 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.
- F. If the Company receives notice after 12:30 p.m. of a customer's desire for same day reinstatement of service and if the reconnection cannot be performed during normal business hours, the after hour reconnection charge for connection at the meter will be \$50. The after hour charge for reconnection at the pole will be \$90.

### **SERVICE REGULATIONS**

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

Filed pursuant to an Order dated March 29, 2006 in Case No. 06-407-GE-ATA before the Public Utilities Commission of Ohio.

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## COGENERATION AND SMALL POWER PRODUCTION SALE AND PURCHASE TARIFF

### APPLICABILITY

The provisions of this tariff are applicable to qualifying cogeneration and small power production facilities with capacity of 100 kW or less as adopted by the Federal Energy Regulatory Commission (FERC), Title 18 CFR Part 292.201 through 292.207.

### DEFINITIONS

Definitions of the following terms are as adopted by the FERC, Title 18 CFR Part 292.101:

- |                                     |                          |
|-------------------------------------|--------------------------|
| (1) Qualifying Facility             | (6) Interconnection Cost |
| (2) Cogeneration Facility           | (7) Supplementary Power  |
| (3) Small Power Production Facility | (8) Back-up Power        |
| (4) Purchase                        | (9) Interruptible Power  |
| (5) Sale                            | (10) Maintenance Power   |
|                                     | (11) System              |

### OBLIGATIONS

- (1) Purchases  
The Company shall purchase from qualifying facilities in accordance with Part 292.304.
- (2) Sales  
The Company shall sell to qualifying facilities in accordance with Part 292.305.
- (3) Interconnections  
The Company 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 Part 292.306. Interconnection costs will be paid over a period not to exceed thirty-six (36) months as mutually agreed upon by the qualifying facility and the Company.
- (4) System Emergencies  
During system emergencies the Company may discontinue purchases and sales or the qualifying facilities may be required to provide energy or capacity in accordance with Part 292.304(f) and 292.307.
- (5) Service Agreement  
The qualifying facility shall enter into a written Service Agreement with the Company.

### 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 Secondary Distribution System."

Filed pursuant to Order dated May 1, 2013 in Case No. 12-1682-EL-AIR before the Public Utilities Commission of Ohio.

Issued: May 2, 2013

Effective: May 6, 2013

Issued by James P. Henning, President

Duke Energy Ohio  
139 East Fourth Streets  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 93.2  
Cancels and Supersedes  
Sheet No. 93.1  
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#### **RATE SCHEDULES**

Rates for Purchases from qualifying facilities:

The Purchase Rate for all kilowatt-hours delivered shall be the PJM Balancing Market (Real-Time) Locational Marginal Price (LMP) at the DEOK Zone, inclusive of the energy, congestion and losses charges, for each hour of the billing month.

Rates for Sales of supplemental power, back-up power, interruptible power, or maintenance power to qualifying facilities will be accomplished through applicable tariff schedules as filed with the Public Utilities Commission of Ohio.

#### **TERMS AND CONDITIONS**

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

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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, the Company will make available to a Non-Residential Customer additional delivery points in accordance with the rates, terms and conditions of this Rider BDP. For hospitals that are members of the Greater Cincinnati Health Council, Rider BDP will be administered as specified in Case No. 11-3549-EL-SSO, Stipulation Page 21, Section I.

#### **NET MONTHLY BILL**

1. **Connection Fee** **\$300.00**  
The Connection Fee applies only if an additional metering point is required.
2. Monthly charges will be based on the unbundled distribution and/or transmission rates of the customer's most applicable rate schedule and the contracted-for reserved backup delivery point capacity.
3. The Customer shall also be responsible for the acceleration of costs to the extent that the revenue requirement for such costs exceeds the monthly charges established in Section 2 above, if any, which would not have otherwise been incurred by Company absent such request for additional delivery points. The revenue requirement for the acceleration of costs shall be equal to the product of the capital investment which has been advanced and the levelized fixed charge rate. 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. The acceleration charges described in this paragraph (3.) will not apply to customers that already have a backup delivery point as of the effective date of this Rider.

#### **TERMS AND CONDITIONS**

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

1. Company reserves the right to refuse backup delivery capacity to any Customer where such backup delivery service is reasonably estimated by Company to impede or impair current or future electric transmission or distribution service.
2. The amount of backup delivery point capacity shall be mutually agreed to by the Company and the Customer because the availability of specific electric system facilities to meet a Customer's request is unique to each service location.
3. System electrical configurations based on Customer's initial delivery point will determine whether distribution and/or transmission charges apply to Customer's backup delivery point.

Filed pursuant to an Order dated November 22, 2011 in Case No. 11-3549-EL-SSO before the Public Utilities Commission of Ohio.

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**TERMS AND CONDITIONS (CONTINUED)**

4. In the event that directly assigned facilities are necessary to attach Customer's backup delivery point to the joint transmission or distribution systems, Company shall install such facilities and bill Customer the Company's full costs for such facilities and installations.
5. Energy supplies via any backup delivery point established under this Rider BDP will be supplied under the applicable rate tariff and/or special contract.
6. Company and the Customer shall enter into a service agreement with a minimum term of five years. This service agreement shall contain the specific terms and conditions under which Customer shall take service under this Rider BDP.
7. Company does not guarantee uninterrupted service under this rider.

**SERVICE REGULATIONS**

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

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Filed pursuant to an Order dated November 22, 2011 in Case No. 11-3549-EL-SSO before the Public Utilities Commission of Ohio.

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Issued by Julie Janson, President

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Sheet No. 95.2  
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## **RATE MDC**

### **METER DATA CHARGES**

#### **APPLICABILITY**

These charges apply to customers located in the Company's service territory that have meter pulse equipment and/or interval metering equipment.

#### **TYPE OF CHARGES**

##### **Request for Usage Data**

One month of electronic Interval Meter Data	\$24.00
Twelve months of electronic Interval Meter Data	\$32.00
Interval Meter Data Printout	\$13.00
Electronic monthly interval data with graphical capability accessed via the Internet	\$20.00 per month

#### **EN-FOCUS™**

Customers electing the En-Focus option will be required to enroll online, and will be required to accept the Terms and Conditions of the En-Focus program, presented to the customer at the time of enrollment.

#### **SERVICE REGULATIONS**

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

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Filed pursuant to an Order dated November 22, 2011 in Case No. 11-3549-EL-SSO before the Public Utilities Commission of Ohio.

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139 East Fourth Street  
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## **RATE MSC**

### **METER SERVICE CHARGES**

#### **APPLICABILITY**

These charges apply to customers that request the Company to install interval metering and meter pulse equipment and to provide certain meter related services that otherwise are not provided by the Company. The end-use customer is responsible for providing communication links to the interval meter per the Company's specifications. If a communication link is not installed by the first regularly scheduled meter read date (after the effective end-use customer enrollment date), the Company may install a communication link and bill the end-use customer on a monthly basis.

#### **TYPE OF CHARGES**

<b>Standard Meter Tests</b> (See Company's Electric Service Regulations; Sheet No. 24)	\$41.00
<b>Installation Charges of Interval Meters and Equipment</b>	
Replace Meter with Interval Meter & Modem - 15 minute intervals	\$446.00
Replace Meter with Interval Meter & Modem - 5 minute intervals	\$968.00
Installation of Meter Pulse Equipment	\$380.00
 If the Company is required to make additional visits to the meter site due to the inability to gain access to the meter location or the necessary Communication Link has not been installed, or the Communication Link is not working properly, the Company may charge the customer for any additional trip to the meter site at the rate of	 \$58.00/Visit
 Cellular telephone installation and monthly access fee	 \$55.00/Month

In addition, the Company reserves the right to charge for the cost of any incremental facilities necessary to complete the meter installation.

#### **SERVICE REGULATIONS**

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

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Filed pursuant to an Order dated February 22, 2006 in Case No. 05-635-EL-ATA before the Public Utilities Commission of Ohio.

Issued: December 22, 2008

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Effective: January 5, 2009

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Cincinnati, Ohio 45202

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Sheet No. 97.03  
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## RIDER RTO

### REGIONAL TRANSMISSION ORGANIZATION RIDER

#### APPLICABILITY

Applicable to all jurisdictional retail customers in the Company's electric service area, except those customers receiving generation service from a Certified Supplier.

#### CHARGES

Rider RTO charges include only those costs charged to or imposed upon Duke Energy Ohio by the Federal Energy Regulatory Commission (FERC), FERC-approved regional transmission organizations, or similar organizations approved by the FERC and/or the Public Utilities Commission of Ohio (PUCO) under approved tariffs. Costs recoverable under Rider RTO include ancillary service charges but exclude any transmission costs recovered in Rider BTR. For customers who receive their energy from a Certified Supplier, the specific rates, terms, and conditions of the Company's FERC Open Access Transmission Tariff apply as such tariff may be amended from time to time and as incorporated herein by reference. The charges for the respective electric service schedules, effective beginning with the first billing cycle of February 2014 and updated on an annual basis, are as follows:

<b><u>RTO Charge Tariff Sheet</u></b>	<b><u>RTO Charge</u></b> (per kWh)
Rate RS, RSLI, RS3P, Residential Service	\$0.000000
Rate ORH, Optional Residential Service With Electric Space Heating	\$0.000000
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering	\$0.000000
Rate TD, Optional Time-of-Day Rate	\$0.000000
Rate CUR, Common Use Residential Rate	\$0.000000
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering	\$0.000000
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering	\$0.000000
Rate DS, Service at Secondary Distribution Voltage	\$0.000000
Rate GS-FL, Optional Unmetered For Small Fixed Loads	\$0.000000
Rate EH, Optional Rate For Electric Space Heating	\$0.000000
Rate DM, Secondary Distribution Service, Small	\$0.000000
Rate DP, Service at Primary Distribution Voltage	\$0.000000
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	\$0.000000
Rate TS, Service at Transmission Voltage	\$0.000000
Rate SL, Street Lighting Service	\$0.000000
Rate TL, Traffic Lighting Service	\$0.000000
Rate OL, Outdoor Lighting Service	\$0.000000

Filed pursuant to an Order dated September 18, 2013 in Case No. 13-1633-EL-RDR before the Public Utilities Commission of Ohio.

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Cincinnati, Ohio 45202

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Sheet No. 97.03  
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**RTO Charge Tariff Sheet**

	<b><u>RTO Charge</u></b> (per kWh)
Rate NSU, Street Lighting Service for Non-Standard Units	\$0.000000
Rate NSP, Private Outdoor Lighting for Non-Standard Units	\$0.000000
Rate SC, Street Lighting Service - Customer Owned	\$0.000000
Rate SE, Street Lighting Service - Overhead Equivalent	\$0.000000
Rate UOLS, Unmetered Outdoor Lighting Electric Service	\$0.000000

Filed pursuant to an Order dated September 18, 2013 in Case No. 13-1633-EL-RDR before the Public Utilities Commission of Ohio.

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## RIDER GSS GENERATION SUPPORT SERVICE

### APPLICABILITY

Applicable to any general service customer having generation equipment capable of supplying all or a portion of its power requirements for other than emergency purposes and who requires supplemental, maintenance or backup power. Power requirements for Supplemental Power Service, Maintenance Power Service and Backup Power Service may be provided by the Company or a Certified Supplier.

### 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 \$75 plus the appropriate Customer Charge.

2. Monthly Backup / Maintenance Distribution Reservation Charge

a. Rate DS – Per Demand Charge as set forth in Sheet  
40 Rate DS under section 1(b) of Net Monthly Bill

b. Rate DP – Per Demand Charge as set forth in Sheet  
44, Rate DP under section 1(b) of Net Monthly Bill

c. Rate TS – Per Demand Charge as set forth in Sheet  
50 Rate TS under section 1(b) of Net Monthly Bill

3. Monthly Backup / Maintenance Base Transmission Reservation Charge

a. Rate DS – Secondary Distribution Service Per Riders BTR, RTO

b. Rate DP – Primary Distribution Service Per Riders BTR, RTO

c. Rate TS – Transmission Service Per Riders BTR, RTO

4. Supplemental Power Service

All Supplemental Power shall be billed under the terms and charges of the Company's applicable full service tariff schedules, including any applicable minimum demand. All power not specifically identified and contracted by the customer as Maintenance Power or Backup Power shall be deemed to be Supplemental Power.

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Sheet No. 98.9  
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**NET MONTHLY BILL (Contd.)**

**5. 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; 2) the demonstrated capacity of the customer's generating unit(s) for which Maintenance Power is required; or 3) a lesser amount of capacity as requested by the customer; provided however that the amount of contracted Maintenance Power shall be equal to the amount of contracted Backup Power. The customer's Maintenance Power requirements for each generating unit must be submitted to the Company at least sixty (60) days prior to the beginning of each calendar year. Within thirty (30) days of such submission, the Company shall respond to the customer either approving the Maintenance Power schedule or requesting that the customer reschedule those Maintenance Power requirements. For each generating unit, the customer may elect Maintenance Power Service for up to thirty (30) days in any twelve month period with no more than two (2) days consecutively during the summer billing periods of June through September and those must be during the Company's off-peak periods. The customer may request an adjustment to the previously agreed upon Maintenance Power schedule up to three weeks prior to the scheduled maintenance dates. The adjusted dates must be within one (1) week of the previously scheduled dates and result in a scheduled outage of the same seasonal and diurnal characteristics as the previously scheduled maintenance outage. The Company shall respond to the customer's request for an adjustment within one (1) week of that request. The Company may cancel a scheduled Maintenance Power period, with reason, at any time with at least seven (7) days notice to the customer prior to the beginning of a scheduled maintenance outage if conditions on the Company's electrical system warrant such a cancellation. Any scheduled Maintenance Power period cancelled by the Company shall be rescheduled subject to the mutual agreement of the Company and the customer.

**Billing of Generation-related charges --**

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 to the extent of the contracted amount of Maintenance Power; 2) the amount of demand used to calculate the Generation-related riders shall be the contracted amount of Maintenance Power prorated by the number of days that Maintenance Power is taken; and 3) if the customer takes service under Rider RC, the Demand Charges for Rider RC shall be reduced by fifty percent (50%). .

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

**6. 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; 2) the demonstrated capacity of the customer's generating unit(s) for which Backup Power is required; or 3) a lesser amount of capacity as requested by the customer; provided however that the amount of Maintenance Power shall be equal to the amount of Backup Power. The customer shall notify the Company by telephone within one-hour of the beginning and end of the outage. Within forty-eight (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. If the customer can reasonably withstand interruption of the Company's backup power supply, the customer may opt for interruptible Backup Power Service. The notification period for interruption shall be one (1) hour. If the customer fails to respond to the Company's interrupt order, the customer's backup power shall be billed at the firm Backup Power rate and shall be assessed an additional fifty percent (50%) of the firm Backup Power rate for all Backup Power taken. Should the customer fail to respond to two (2) consecutive interrupt orders or four (4) interrupt orders in any twelve month period, the Company may require the customer to take Backup Power Service under the firm Backup Power rate provisions.

**Billing of Generation-related charges –**

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 of the Company's full service tariff schedules is waived to the extent of the contracted amount of Backup Power; 2) the amount of demand used to calculate the Generation-related riders shall be the contracted amount of Backup Power prorated by the number of days that Backup Power is taken. Customers who take interruptible Backup Power Service will receive a fifty percent (50%) reduction in the Generation-related rider demand charges for the Backup Power taken.

**7. Monthly Reservation Charges**

The Backup and Maintenance Distribution and Transmission charges shown above in section 2 and 3 shall be based on the contracted amount of Backup and Maintenance 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, which requirements may be provided by the Company or a Certified Supplier, for use by a customer's facility in addition to the electric power which the customer ordinarily generates on its own.

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## **DEFINITIONS (Contd.)**

Maintenance Power Service – a contracted service which provides distribution and/or transmission capacity as well as the energy requirements, which requirements may be provided by the Company or a Certified Supplier, 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, which requirements may be provided by the Company or a Certified Supplier, 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, level of demand and energy required, and whether the source of under this rider shall be provided by the Company or a Certified Supplier.

The customer is required to adhere to the Company's requirements and procedures for interconnection as set forth in the Company's publication, "Guideline Technical Requirements for Customer Generation" 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 Public Utilities Commission of Ohio, and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

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Sheet No. 99  
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**RIDER SBS  
OPTIONAL SUMMARY BILLING SERVICE PILOT**

**APPLICABILITY**

Applicable to non-residential jurisdictional customers having multiple electric and/or gas accounts with the Company, and who request that the billings for such accounts be summarized on a single statement. Summary Billing provides customers the convenience of receiving and paying one billing statement for their gas and electric utility accounts. The Company and customer shall enter into a service agreement specifying the applicable terms and conditions under which customer agrees to accept Summary Billing. The service agreement shall also identify the individual electric and gas accounts to be included in the Summary Bill, as agreed to by the Company and the customer.

**SUMMARY BILLING STATEMENT**

The Company will render one Summary Billing Statement each month that will summarize the customer's accounts. Additionally, customers may elect to receive a report that provides details of the associated accounts. Individual detail statements will not be provided, however, customers may elect to access detailed billing information regarding their accounts electronically.

**SUMMARY BILL DUE DATE**

The amount shown as owed on the Summary Billing Statement shall be due by the Summary Billing due date. The Company shall derive the due date by applying Generally Accepted Accounting Principles and incorporating the Time Value of Money. The Company will review this date in conjunction with any major changes to the Summary Billing Account, i.e., the removal or addition of accounts. Customers agree to waive their rights to the normal grace period between the rendering of the Summary Billing Statement and the due date, as specified in this Tariff. The period of time covered by the Summary Billing Statement shall be a uniform time period as agreed to by the parties prior to billing. Should such time period require revision due to changed circumstances, the Company will inform the customer prior to any such revision.

**APPLICATION OF PAYMENT**

Payment to the Company in full amount shall satisfy the bill rendered for services and all underlying accounts.

Payment will be considered delinquent if not received by the Company on or before the established Summary Bill due date. After an account becomes sixty (60) days past due, the summary billing agreement may be terminated without further notice.

Underpayments will be used to satisfy the oldest utility balance due first, based on billing date. These payments will then be paid out on the priority order established by the Company. Overpayments will reside on the master account, and be applied to the next billing.

**BILLING ERRORS**

Customers shall agree to pay the amount of the "summary total" indicated on the Summary Billing Statement. Adjustments to correct any billing errors will be made by the Company to the detail accounts and will be reflected in the following month's summary total.

Filed pursuant to an Order dated March 29, 2006 in Case No. 06-407-GE-ATA before the Public Utilities Commission of Ohio.

Issued: March 31, 2006

Effective: April 3, 2006

Issued by Julie Janson, President

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139 East Fourth Street  
Cincinnati, Ohio 45202

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**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

**BILL INSERTS AND NOTICES**

The Company will meet all statutory and regulatory requirements regarding bill inserts and notices by mailing a copy of such information to only the Summary Account.

**ADDITIONAL TERMS AND CONDITIONS**

There is no additional charge for Summary Billing Services.

Customers wishing to access their detail bills electronically should call the telephone number shown on their summary bill to receive confidential access to their billing information.

The customer may cancel summary billing for any reason upon thirty (30) days written notification to the Company. In the event of termination, the covered accounts will return to the normal billing and collection procedures of the Company.

**SERVICE REGULATIONS**

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

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Cincinnati, Ohio 45202

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## **RATE AER**

### **RENEWABLE ENERGY CERTIFICATE PURCHASE OFFER RIDER**

#### **AVAILABILITY**

This rate is applicable to all residential customers currently taking electric distribution service at their primary residence. This rate will be available until December 31, 2012.

#### **DEFINITION OF RENEWABLE ENERGY CERTIFICATES**

"Renewable Energy Certificate ("REC") means the fully aggregated attributes associated with one megawatt hour of electricity generated by a renewable energy resource. One REC would be equivalent to the environmental attributes one MWH of electricity from a renewable or environmentally friendly generation source. This rider only applies to RECs generated by a residential electric customer's owned or leased renewable energy project that has been certified as an Ohio Renewable Energy Resource Generation Facility by the Public Utilities Commission of Ohio (<http://www.puco.ohio.gov/PUCO/Forms/Form.cfm?id=9464>). Such facility must be located in the Company's service territory.

"Renewable energy resource" means solar photovoltaic energy or solar thermal energy.

#### **RENEWABLE ENERGY CERTIFICATE PURCHASE PRICE**

The price paid for RECs acquired from a solar photovoltaic or solar thermal facility shall be \$300.00 per REC for 2010 purchases. After 2010, REC purchases shall be based upon current market price with reference to publicly available market sources.

#### **NET MONTHLY BILL**

Purchase of RECs under this rider will not affect a customer's bill.

#### **TERMS AND CONDITIONS**

The customer shall enter into a REC Purchase Agreement with the Company (see Exhibit 1), which contains all of the terms and conditions related to the Company's purchase of RECs.

#### **SERVICE REGULATIONS**

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

Filed pursuant to an Order dated July 29, 2010 in Case No. 09-834-EL-ACP before the Public Utilities Commission of Ohio.

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Cancels and Supersedes  
Sheet No. 104.6  
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**RIDER DR-IM**

**INFRASTRUCTURE MODERNIZATION RIDER**

Rider DR-IM is applicable to all jurisdictional retail customers in the Company's electric service area except transmission and non-metered service.

The DR-IM rate to be applied to customer bills beginning April 9, 2014:

Rate RS, RSLI & RS3P	\$4.83 per month
Rate ORH	\$4.83 per month
Rate TD	\$4.83 per month
Rate TD-13	\$4.83 per month
Rate CUR	\$4.83 per month
Rate DS	\$7.17 per month
Rate EH	\$7.17 per month
Rate DM	\$7.17 per month
Rate DP	\$7.17 per month

Filed pursuant to an Order dated April 9, 2014 in Case No.13-1141-GE-RDR before the Public Utilities Commission of Ohio.

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Effective: April 9, 2014

Issued by James P. Henning, President



Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 105.4  
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**RIDER DR-ECF**

**ECONOMIC COMPETITIVENESS FUND RIDER**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Filed pursuant to an Order dated  
Commission of Ohio.

in Case No. 14-841-EL-SSO before the Public Utilities

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Effective:

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139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 106.5  
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**RIDER DR-SAWR**

**ENERGY EFFICIENCY RECOVERY RATE**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Issued by authority of an Order in Case No. 14-841-EL-SSO by the Public Utilities Commission of Ohio dated.

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**RIDER DR-SAW**

**ENERGY EFFICIENCY COST RECOVERY RIDER**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

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## **RIDER UE-ED**

### **UNCOLLECTIBLE EXPENSE – ELECTRIC DISTRIBUTION RIDER**

#### **APPLICABILITY**

Applicable to all retail jurisdictional customers in the Company's electric service areas.

#### **DESCRIPTION**

This rider enables the recovery of incremental uncollectible accounts expense above what is recovered in base rates and includes Percentage of Income Payment ("PIPP") customer installments not collected through the Universal Service Fund Rider. Also, to the extent that less than \$40,000 per month has not been credited to customers through electric Rate RSLI, any shortfall will be used to reduce collections in Rider UE-ED. The amounts in the Rider, exclusive of uncollectible PIPP installments, will only be collected from the class (residential or non-residential) that created the uncollectible accounts expense. Uncollectible accounts expense associated with PIPP will be allocated in the manner consistent with the Universal Service Fund Rider.

#### **CHARGE**

A charge of (\$0.000147) per kWh shall be applied to all kWh delivered to residential customers. A charge of \$(0.37) per bill shall be applied to each non-residential customer.

Filed pursuant to an Order dated September 18, 2013 in Case No.13-1524-EL-UEx before the Public Utilities Commission Ohio.

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Issued: September 18, 2013

Issued by James P. Henning, President

Effective: September 30, 2013

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Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
No. 109.04  
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**RIDER RECON**

**FUEL AND RESERVE CAPACITY RECONCILIATION RIDER**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Filed pursuant to an Order dated May 1, 2013 in Case No. 12-1682-EL-AIR before the Public  
Utilities Commission of Ohio.

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President

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139 East Fourth Street  
Cincinnati, Ohio 45202

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Sheet No. 110.08  
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Sheet No. 110.07  
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## **RIDER AER-R**

### **ALTERNATIVE ENERGY RECOVERY RIDER**

#### **APPLICABILITY**

Applicable to all retail jurisdictional customers in the Company's electric service territory who receive electric generation service from the Company under the Standard Service Offer. Rider AER-R does not apply to customers taking generation service from a Competitive Retail Electric Service provider.

#### **DESCRIPTION**

This rider enables the recovery all of the Company's cost for complying with Ohio's renewable energy requirements under Section 4928.64 of Ohio Revised Code, including the acquisition costs of renewable energy credits. Rider AER-R will be adjusted quarterly and is subject to annual audit by the Commission.

#### **CHARGES**

A charge of \$0.000678 per kWh shall be applied to all kWh delivered to all applicable customers.

Filed pursuant to an Order dated November 22, 2011 in Case No. 11-3549-EL-SSO before the Public Utilities Commission of Ohio.

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Cincinnati, Ohio 45202

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**RIDER RC**

**RETAIL CAPACITY RIDER**

**APPLICABILITY**

Applicable to all retail jurisdictional customers in the Company's electric service territory who receive electric generation service from the Company under the Standard Service Offer (SSO). Rider RC does not apply to customers taking generation service from a Competitive Retail Electric Service provider.

**DESCRIPTION**

For the term of the Electric Security Plan approved in Case No., Rider RC rates will be calculated based on the wholesale Final Zonal Capacity Price (FZCP) associated with the annual auctions conducted by PJM Interconnection, LLC. The wholesale FZCP for the period in which Rider RC rates are effective will be converted into retail rates using the methodology provided for in the Stipulation approved by the Commission in Case No.. Rider RC rates will be established for three periods: June 1, 2015, through May 31, 2016; June 1, 2016, through May 31, 2017; and June 1, 2017, through May 31, 2018. The Company will make a filing with the Commission proposing Rider RC rates for each rate-effective period within thirty days after the Commission approves the auction results that fulfill the SSO obligation for all 100 tranches during the rate-effective period.

**CHARGES**

For the billing months of June 2015 through May 2016, the following Rider RC rates apply:

<u>Tariff Sheet</u>	<u>RC Charge</u> <u>(per kWh/kW)</u>
Rates RS, RS3P, RSLI, Residential Service	
Summer	\$0.002861
Winter, First 1000 kWh	\$0.002861
Winter, Additional kWh	\$0.000660
Rate ORH, Optional Residential Service With Electric Space Heating	
Summer	\$0.002608
Winter, First 150 kWh per kW	\$0.002608
Winter, Additional kWh	\$0.000990
Rate TD-13, Optional Time-of-Day Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.017185
Winter, On Peak	\$0.017184
Off Peak	\$0.002145
Rate TD, Optional Time-of-Day Rate	
Summer, On-Peak kWh	\$0.006947
Summer, Off-Peak kWh	\$0.000381
Winter, On-Peak kWh	\$0.005303
Winter, Off-Peak kWh	\$0.000382
Rate CUR, Common Use Residential Service	
Summer	\$0.003009
Winter, First 1000 kWh	\$0.003009
Winter, Additional kWh	\$0.00072

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in Case No. 14-841-EL-SSO before the Public Utilities

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P.U.C.O. Electric No. 19  
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**CHARGES (Continued)**Tariff SheetRC Charge  
(per kWh/kW)

Rate DS, Service at Secondary Distribution Voltage	
First 150 kWh per kW	\$0.5517
Next 150 kWh per kW	\$0.4364
Next 150 kWh per kW	\$0.001261
Additional kWh	\$0.000382
Rate GS-FL, Optional Unmetered For Small Fixed Loads	
kWh Greater Than or Equal to 540 Hours	\$0.002715
kWh Less Than 540 Hours	\$0.003149
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads	
Attached Directly to Company's Power Lines	
All kWh	\$0.002715
Rate EH, Optional Rate For Electric Space Heating	
All kWh	\$0.003303
Rate DM, Secondary Distribution Service, Small	
Summer	\$0.003843
Winter, First 3200 kWh	\$0.002914
Winter, Additional kWh	-\$0.000157
Rate DP, Service at Primary Distribution Voltage	
First 150 kWh per kW	\$0.4929
Next 150 kWh per kW	\$0.3888
Next 150 kWh per kW	\$0.001271
Additional kWh	\$0.000478
Rate TS, Service at Transmission Voltage	
First 150 kWh per kW	\$0.6027
Next 150 kWh per kW	\$0.4345
Next 150 kWh per kW	\$0.000642
Additional kWh	\$0.000389
Rate TL, Street Lighting Service	
All kWh	\$0.001794
Rate SL, Traffic Lighting Service	
All kWh	\$0.003729
Rate OL, Outdoor Lighting Service	
All kWh	\$0.003729
Rate NSU, Street Lighting Service for Non-Standard Units	
All kWh	\$0.003729
Rate NSP, Private Outdoor Lighting for Non-Standard Units	
All kWh	\$0.003729
Rate SE, Street Lighting Service - Overhead Equivalent	
All kWh	\$0.003729
Rate SC, Street Lighting Service - Customer Owned	
Energy Only - All kWh	\$0.000025
Units - All kWh	\$0.003729
Rate UOLS, Unmetered Outdoor Lighting Electric Service	
All kWh	\$0.000110

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Sheet No. 112.4  
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## RIDER RE

### RETAIL ENERGY RIDER

#### APPLICABILITY

Applicable to all retail jurisdictional customers in the Company's electric service territory who receive electric generation service from the Company under the Standard Service Offer (SSO). Rider RE does not apply to customers taking generation service from a Competitive Retail Electric Service provider.

#### DESCRIPTION

Rider RE recovers costs related to the provision of electric energy (kWh) in the Duke Energy Ohio service territory, as determined through the competitive bid process (SSO Auction). For the purpose of deriving Rider RE rates from the overall SSO Auction results, the costs of capacity included in the price of the SSO Auction result will be deducted from the overall price of the SSO Auction approved by the Commission for delivery during the rate-effective year. The average cost of capacity on a 'per kWh' basis will be calculated by multiplying the Company's PJM Interconnection, LLC (PJM) reliability obligation as set forth in the terms of the PJM Reliability Assurance Agreement for the SSO Auction delivery period by the Final Zonal Capacity Price(s) for the delivery period and dividing by projected kWh sales for the delivery period. The average retail energy price on a per kWh basis, before distribution losses, will be calculated by subtracting the average cost of capacity from the Commission-approved SSO Auction price for the applicable rate-effective period.

Rider RE rates will be determined for all classes by applying distribution losses, except for Rate TS. For existing rate schedules with seasonal rates, RS, RS3P, CUR, ORH, TD, CUR, and DM, the average Rider RE rate for these classes will equal the Rider RE rate for all other classes; however, Rider RE will be allocated to each rate block within these rate classes based on the actual level of base generation revenue (including fuel) associated with all kWh sales in each rate block using the most recent twelve month period for which data is available.

#### CHARGES

The charge for each respective electric service rate schedule is:

Tariff Sheet	RE Charge (per kWh)
Rates RS, RSLI, & RS3P, Residential Service	
Summer	\$0.056709
Winter, First 1000 kWh	\$0.056709
Winter, Additional kWh	\$0.031523
Rate ORH, Optional Residential Service with Electric Space Heating	
Summer	\$0.053815
Winter, First 150 kWh per kW	\$0.053813
Winter, Additional kWh	\$0.035295

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**CHARGES (Continued)**

Tariff Sheet	RE Charge (per kWh)
Rate TD-13, Optional Time-of-Day Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.340753
Winter, On Peak	\$0.340777
Off Peak	\$0.042532
Rate TD, Optional Time-of-Day Rate	
Summer, On-Peak kWh	\$0.103462
Summer, Off-Peak kWh	\$0.028334
Winter, On-Peak kWh	\$0.084648
Winter, Off-Peak kWh	\$0.028339
Rate CUR, Common Use Residential Service	
Summer	\$0.058404
Winter, First 1000 kWh	\$0.058404
Winter, Additional kWh	\$0.032209
Rate DS, Service at Secondary Distribution Voltage	\$0.054600
Rate EH, Optional Rate for Electric Space Heating	\$0.054600
Rate DM, Secondary Distribution Service, Small	
Summer	\$0.066796
Winter, First 3200 kWh	\$0.055748
Winter, Additional kWh	\$0.019240
Rate DP, Service at Primary Distribution Voltage	\$0.054600
Rate GS-FL, Optional Unmetered For Small Fixed Loads	\$0.054600
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	\$0.054600
Rate TS, Service at Transmission Voltage	\$0.052727
Rate SL, Street Lighting Service	\$0.054600
Rate TL, Traffic Lighting Service	\$0.054600
Rate OL, Outdoor Lighting Service	\$0.054600
Rate NSU, Street Lighting Service for Non-Standard Units	\$0.054600
Rate NSP, Private Outdoor Lighting for Non-Standard Units	\$0.054600
Rate SC, Street Lighting Service - Customer Owned	\$0.054600
Rate SE, Street Lighting Service - Overhead Equivalent	\$0.054600
Rate UOLS, Unmetered Outdoor Lighting Electric Service	\$0.054600

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139 East Fourth Street  
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Sheet No. 113.3  
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**RIDER ESSC**

**ELECTRIC SECURITY STABILIZATION RIDER**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

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**RIDER LFA**

**LOAD FACTOR ADJUSTMENT RIDER**

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Sheet No. 115.3  
Cancels and Supersedes  
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## **RIDER SCR**

### **SUPPLIER COST RECONCILIATION RIDER**

#### **APPLICABILITY**

Applicable to all retail jurisdictional customers in the Company's electric service territory who receive electric generation service from the Company under the Standard Service Offer (SSO). Rider SCR does not apply to customers taking generation service from a Competitive Retail Electric Service (CRES) provider except as provided below in the NON-BYPASSABLE PROVISION section.

#### **DESCRIPTION**

The Supplier Cost Reconciliation Rider recovers any differences between payments made to suppliers, as determined through the competitive bid process (SSO Auction), and the revenues collected through Rider RC and Rider RE. Rider SCR will also be used to recover all prudently incurred costs associated with conducting the SSO Auction and any costs resulting from supplier default. Rider SCR will be filed quarterly and will be subject to annual audits by the Commission at its discretion. The monthly accumulated balance of over- and under-recovery will accrue a carrying charge equal to Duke Energy Ohio's overall cost of long-term debt, as approved in its most recent distribution rate case (e.g., Case No. 08-709-EL-AIR).

#### **NON-BYPASSABLE PROVISION**

Subject to Commission approval, Rider SCR becomes applicable to all retail jurisdictional customers in the Company's electric service territory including those customers taking generation service from a CRES provider under the following circumstance:

The revenue balance within the SCR account becomes equal to or greater than ten percent of the Company's total actual SSO revenues collected for the most recent twelve month period under Riders RE, RC, RECON, RTO, and AER-R. The total actual SSO revenue will be determined from data covering the most recent quarter for which it is available.

Duke Energy Ohio shall apply to the Commission for confirmation that the Company should modify the Rider such that it becomes non-bypassable regardless as to whether or not the balance in the Rider results from over- or under-recovery.

For customers of CRES providers, Rider SCR will become bypassable again when, at the time of the quarterly filing, the Rider balance of over- or under-recovery falls below the ten percent threshold.

#### **CHARGES**

The charge for all customers is per \$0.002022 kWh.

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Cincinnati, Ohio 45202

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**PIPP CUSTOMER DISCOUNT**

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Original Sheet No. 117  
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**RIDER PTR\_3**

**PEAK TIME REBATE – RESIDENTIAL PILOT PROGRAM**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

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Cincinnati, Ohio 45202

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Sheet No. 118.2  
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**RATE TD-2012**

**OPTIONAL TIME-OF-DAY RATE FOR RESIDENTIAL SERVICE WITH ADVANCED METERING  
(PILOT)**

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**RIDER EE-PDRR  
ENERGY EFFICIENCY AND PEAK DEMAND RESPONSE RECOVERY RATE**

The EE-PDRR rate shall be determined in accordance with the provisions of Rider EE-PDR, Energy Efficiency and Peak Demand Response Recovery rider, Sheet No. 120 of this Tariff.

The EE-PDRR rate to be applied to residential service customer bills beginning with the May 2014 revenue month is \$0.003443 per kilowatt-hour.

The EE-PDRR rate to be applied to non-residential service customer bills, other than service under Rates DS, DP, TS, and RTP, beginning with the May 2014 revenue month for distribution service is \$0.001405 per kilowatt-hour.

The EE-PDRR rate to be applied to non-residential service customer bills, for service under Rates DS, DP, TS, and RTP, beginning with the May 2014 revenue month for distribution service is \$0.001670 per kilowatt-hour.

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Issued by James P. Henning, President

Duke Energy Ohio  
139 East Fourth Street  
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P.U.C.O. Electric No. 19  
Sheet No. 120  
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## RIDER EE-PDR ENERGY EFFICIENCY AND PEAK DEMAND RESPONSE RECOVERY RIDER

### APPLICABILITY

Applicable to service rendered under the provisions of the following Rates to retail jurisdictional customers in the Company's electric service territory including those customers taking generation service from a Certified Retail Electric Service (CRES) provider:

Rate RS  
Rate ORH  
Rate TD-AM  
Rate TD  
Rate CUR  
Rate RS3P  
Rate RSLI  
Rate TD-CPP\_LITE  
Rate TD-LITE  
Rate TD-2012  
Rate DS  
Rate GS-FL  
Rate EH  
Rate DM  
Rate DP  
Rate SFL-ADPL  
Rate TS

### CHARGES

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

$$\text{EE-PDR Charge} = \text{PC} + \text{LR} + \text{PI} + \text{BA}$$

Where: PC = PROGRAM COST RECOVERY.

LR = LOST BASE DISTRIBUTION REVENUE FROM LOST SALES RECOVERY.

PI = PDR PROGRAM INCENTIVE RECOVERY.

BA = BALANCE ADJUSTMENT.

For each twelve month period, the PC shall include all expected costs for the energy efficiency and peak demand response programs. Such program costs shall include the cost of planning, developing, implementing, monitoring, and evaluating the EE-PDR programs. Program costs will be assigned for recovery purposes to the rate classes whose customers are directly participating in the program. In addition, all costs incurred by or on behalf of the collaborative process, including but not limited to costs for consultants, employees and administrative expenses, will be recovered through the PC. Administrative costs that are allocable to more than one rate class will be recovered from those classes and allocated by rate class on the basis of the estimated avoided capacity and energy costs resulting from each program.

The PC applicable to each rate class shall be determined by dividing the costs of approved programs allocated or assigned to that class by the expected kilowatt-hour sales for the upcoming twelve-month period.

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139 East Fourth Street  
Cincinnati, Ohio 45202

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### **CHARGES (Cont'd)**

Lost base distribution revenues (LR) from lost sales due to EE-PDR programs shall be computed by 1) multiplying the amount of kilowatt-hour sales that will be lost during the year as a result of the implementation of the approved programs times the base distribution charge for the applicable rate schedule, and 2) dividing that product by the expected kilowatt-hour sales for the upcoming twelve-month period. Base distribution charges include only those charges related to distribution base rates, and they do not include any generation-related charges or transmission charges. Recovery of base distribution revenues from lost sales for each rate class shall be included in the LR for three years from the implementation of the measures or until terminated by the implementation of new rates pursuant to a general rate case, whichever comes first. Base distribution revenues from lost sales will be assigned for recovery purposes to the rate classes whose programs resulted in the lost sales. Only those rate classes (e.g., Rates DS, DP, and TS) that are excluded from Rider DDR, Distribution Decoupling Rider, are subject to the LR charge.

The EE-PDR Program Incentive (PI) amount shall be computed by multiplying the net resource savings expected from the approved programs which are to be installed during the upcoming twelve-month period times the allowed shared savings percentage. The allowed shared savings percentages are as follows: 0% for achievement level of 100% or less, 7.5% for achievement level greater than 100% and less than or equal to 110%, 10% for achievement level greater than 110% and less than or equal to 115%, and 15% for achievement level greater than 115%. Net resource savings are defined as program benefits less the costs of the program, where program benefits will be calculated on the basis of the present value of the Company's avoided costs over the expected life of the program, and will include both capacity and energy savings. The amount related to programs for each rate class shall be divided by the expected kilowatt-hour sales for the upcoming twelve-month period to determine the PI for that rate class. EE-PDR incentive amounts will be assigned for recovery purposes to the rate classes whose programs created the incentive.

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

For the PC, the balance adjustment amount will be the difference between the actual amount billed in a twelve-month period due to the application of the PC unit charge and the actual costs of the approved programs during the same twelve-month period.

For the LR, the balance adjustment amount will be the difference between the amount billed during the twelve-month period from the application of the LR unit charge and the LR amount established for the same twelve-month period.

For the PI, the balance adjustment amount will be the difference between the actual amount billed during the twelve-month period due to application of the PI unit charge and the program incentive amount determined for the actual EE-PDR programs or measures implemented during the twelve-month period.

For the BA the balance adjustment amount will be the difference between the actual amount billed during the twelve-month period due to the application of the BA unit charge and the balance adjustment amount estimated for the same twelve-month period.

The balance adjustment amounts determined above shall include interest. The interest applied to the monthly amounts, shall be calculated at a rate equal to the average of the "3-month Commercial Paper

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Rate" for the immediately preceding 12-month period. EE-PDR balance adjustment amounts will be assigned for recovery purposes to the rate classes to which over or under-recoveries of EE-PDR amounts were realized.

All costs recovered through the EE-PDR Charge will be assigned or allocated to Duke Energy Ohio, Inc.'s electric on the basis of the estimated net electric savings resulting from each program.

#### **FILINGS**

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

A detailed description of each EE-PDR program.

The total cost of each program over the twelve-month period.

An analysis of expected resource savings.

Information concerning the specific EE-PDR or efficiency measures to be installed.

Any applicable studies which have been performed, as available.

A statement setting forth the detailed calculation of each component of the EE-PDR Charge.

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

#### **SERVICE REGULATIONS**

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

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Filed pursuant to an Order dated August 15, 2012 in Case No. 11-4393-EL-RDR before the Public Utilities Commission of Ohio.

Issued: September 27, 2012

Effective: September 28, 2012

Issued by Julie Janson, President

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**RATE TD-13**

**OPTIONAL TIME-OF-DAY RATE FOR RESIDENTIAL SERVICE WITH ADVANCED METERING  
(PILOT)**

**APPLICABILITY**

Applicable to electric service for all domestic purposes in private residences and single occupancy apartments in the entire territory of the Company where distribution lines are adjacent to the premises to be served. This rate is available only as Company advanced meters with interval recording registers are installed on the customer's premises. The advanced meters must be commissioned, certified, and provide billable quality data. Eligible customers must receive generation service from Duke Energy Ohio, and they must have had a total annual electric bill of \$300 or more during the prior 12 months. This rate is not available to customers who participate in the Power Manager program nor is it available to customers on the Percentage of Income Payment Plan (PIPP) program.

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, the applicable general service rate 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.

Rate TD-13 is offered on a pilot basis. The Company reserves the right to modify this rate, subject to approval by the Commission, as information regarding customer participation, load response, costs, and other pertinent information becomes available. If the Company changes the base generation charges or structure of this rate, customers who have not completed their initial term of service may continue taking service under Rate TD-13 or switch to Rate RS (Residential Service) or any other rate for which the customer is eligible. Should there be a change to base generation charges or the structure of this rate, customers will be notified electronically (where available) or by mail.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

**NET MONTHLY BILL**

Computed in accordance with the following charges:

1. Distribution Charges

(a) Customer Charge	
Single Phase	\$5.50 per month
Three Phase	\$8.00 per month
(b) Energy Charge	\$0.022126 per kWh

Issued pursuant to an Order dated February 13, 2013 in Case No. 12-3281-EL-ATA before the Public Utilities Commission of Ohio.

Issued: March 11, 2013

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**NET MONTHLY BILL (Continued)**

**2. Applicable Riders**

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider  
Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider  
Sheet No. 106, Rider DR-SAWR, Energy Efficiency Recovery Rate  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 109, Rider RECON, Fuel and reserve Capacity Reconciliation Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate

**WEEKDAY PEAK PERIOD OPTIONS UNDER RIDERS RE, RC AND ESSC**

A customer taking service under this tariff will be offered a choice of three (3), three-hour (3-hour) time periods during the summer period and a choice of three (3), three-hour (3-hour) time periods during the winter period. Weekdays are defined as Monday through Friday, excluding holidays.

1. Summer Period - June 1st through August 31st
  - a. 1:00 p.m. to 4:00 p.m.
  - b. 3:00 p.m. to 6:00 p.m.
  - c. 4:00 p.m. to 7:00 p.m.
2. Winter Period - December 1st through February 28th (the 29th if a leap year)
  - a. 7:00 a.m. to 10:00 a.m.
  - b. 8:00 a.m. to 11:00 a.m.
  - c. 10:00 a.m. to 1:00 p.m.

A customer will be required to designate a single summer 3-hour time period and a single winter 3-hour time period. Those six (6) designated hours are applicable to weekdays only and constitute the summer and winter On Peak Periods respectively. All weekday hours not so designated, plus all day Saturday, Sunday, and holidays, plus all hours not included in the summer and winter periods constitute the Off Peak Period.

Holidays are New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving Day and Christmas Day, or on the day nationally designated to be celebrated as such with the exception that if the foregoing holidays occur on a Sunday, Issued pursuant to an Order dated February 13, 2013 in Case No. 12-3281-EL-ATA before the Public Utilities Commission of Ohio.

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**WEEKDAY PEAK PERIOD OPTIONS UNDER RIDERS RE, RC AND ESSC (Continued)**

the following Monday is considered a holiday.

Applicable charges for the On Peak and Off Peak Periods are provided in Riders RE, RC and ESSC.

**MINIMUM CHARGE**

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

**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable.

**TERMS AND CONDITIONS**

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

The initial term of service under this rate is twenty-four (24) months. After twelve (12) months, customers may at their discretion switch to another applicable rate. During the initial or any subsequent twenty-four (24) month term, should the customer apply for the Percentage of Income Payment Plan (PIPP) program, they will no longer be eligible for service under Rate TD-13.

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

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## RIDER DDR

### DISTRIBUTION DECOUPLING RIDER

#### APPLICABILITY

Applicable to all customers taking service under the Company's rate schedules listed below.

#### DECOUPLING RIDER RATES

As a three-year pilot program or until the Company's next distribution rate case, applicable customers shall be assessed a monthly charge or credit which reflects an adjustment to rates that will effectively remove Duke Energy Ohio's distribution-related through-put incentive.

#### CHARGES/CREDITS

Beginning July 1, 2013, the following Rider DDR rates apply:

<u>Tariff Sheet</u>	<u>DDR Charge/Credit</u> (Per kWh)
Rates RS, RS3P, RSLI, Residential Service All kWh	\$0.000720
Rate ORH, Optional Residential Service With Electric Space Heating All kWh	\$0.000720
Rate TD, Optional Time-of-Day Rate All kWh	\$0.000720
Rate TD-AM, Optional Time-of-Day Rate For Residential Service With Advanced Metering All kWh	\$0.000720
Rate TD-2012, Optional Time-of-Day Rate For Residential Service With Advanced Metering All kWh	\$0.000720
Rate TD-2013, Optional Time-of-Day Rate For Residential Service With Advanced Metering All kWh	\$0.000720
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advanced Metering All kWh	\$0.000720
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advanced Metering (Modified) All kWh	\$0.000720
Rate CUR, Common Use Residential Service All kWh	\$0.000720
Rate EH, Optional Rate For Electric Space Heating All kWh	\$0.000662
Rate DM, Secondary Distribution Service, Small All kWh	(\$0.002222)

Filed pursuant to an Order dated June 11, 2013 in Case No. 11-5905-EL-RDR before the Public Utilities Commission of Ohio.

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Issued by James P. Henning, President

Effective: July 1, 2013



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## **RIDER DM-I**

### **INDUSTRIAL DEMAND MANAGEMENT PILOT PROGRAM**

#### **APPLICABILITY**

Applicable to industrial customers who employ manufacturing processes that are time sensitive, have an average actual monthly demand not exceeding **six hundred (600) kilowatts**, and require a defined year-round off peak period. The Off Peak Provision of this Rider is applicable to customers receiving service under the provisions of the respective distribution or transmission service rate schedules.

Rider DM-I is offered on a pilot basis. This rider is available to the first thirty (30) customers that request service under this rider and meet the eligibility criteria for service under this rider. The Company reserves the right to modify or terminate this rate, subject to approval by the Commission, as information regarding customer participation, demand response, costs, and other pertinent information becomes available. Should there be a change to the structure of this rider, customers will be notified electronically (where available) or by mail. This rider shall terminate on a service rendered basis no later than May 31, 2015.

#### **OFF PEAK PROVISION**

The "off peak period" 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 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 or with the exception that 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.

If not already installed, a demand meter with programmable TOU register or an interval meter will be installed as such metering equipment and Company personnel are available.

All metering equipment shall remain the property of the Company which shall be responsible for its installation, operation, maintenance, testing, replacement, or removal.

When a customer elects the Off Peak Provision, the monthly customer charge of the applicable service tariff schedule will be increased by an additional monthly charge of seven dollars and fifty cents (\$7.50) for each installed TOU meter. In addition, the DEMAND provision shall be modified to the extent that the billing demand shall be based upon the "on peak period," as defined above.

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**TERMS AND CONDITIONS**

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

Filed pursuant to an Order dated March 20, 2013 in Case No. 13-515-EL-ATA before the Public Utilities Commission of Ohio.

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**RIDER DCI**

**DISTRIBUTION CAPITAL IMPROVEMENT RIDER**

**APPLICABILITY**

Applicable to all retail jurisdictional customers in the Company's electric service areas including those customers taking generation service from a Competitive Retail Electric Service provider.

**DISTRIBUTION CAPITAL IMPROVEMENT RIDER**

All retail jurisdictional customers shall be assessed a charge, as approved by the Commission, to recover the revenue requirement associated with incremental distribution capital costs incurred by the Company. The rates for all customers are shown below.

Rate RS, RSLI & RS3P	\$0.00 per month
Rate TD-13	\$0.00 per month
Rate ORH	\$0.00 per month
Rate TD	\$0.00 per month
Rate CUR	\$0.00 per month
Rate DS	\$0.00 per kW
Rate EH	\$0.00 per month
Rate DM	\$0.00 per month
Rate GS-FL, SFL-ADPL	\$0.00 per month
Rate DP	\$0.00 per kW
Lighting (SL, TL, OL, NSU, NSP, SC, SE, UOLS)	\$0.00 per kWh

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**RIDER DSR**

**DISTRIBUTION STORM RIDER**

**APPLICABILITY**

Applicable to all retail jurisdictional customers in the Company's electric service areas including those customers taking generation service from a Competitive Retail Electric Service provider.

**STORM RECOVERY RIDER**

All retail jurisdictional customers shall be assessed a charge or credit, as approved by the Commission, to recover the revenue requirement associated with costs incurred by the Company due to storm restoration. The rates for all customers are shown below.

Rate RS, RSLI & RS3P	\$0.00 per month
Rate TD-13	\$0.00 per month
Rate ORH	\$0.00 per month
Rate TD	\$0.00 per month
Rate CUR	\$0.00 per month
Rate DS	\$0.00 per kW
Rate EH	\$0.00 per month
Rate DM	\$0.00 per month
Rate GS-FL, SFL-ADPL	\$0.00 per month
Rate DP	\$0.00 per kW
Lighting (SL, TL, OL, NSU, NSP, SC, SE, UOLS)	\$0.00 per kWh

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## **RIDER PSR**

### **PRICE STABILIZATION RIDER**

#### **APPLICABILITY**

Applicable to all retail jurisdictional customers in the Company's electric service areas including those customers taking generation service from a Competitive Retail Electric Service provider.

#### **PRICE STABILIZATION RIDER**

All retail jurisdictional customers shall be assessed a charge or a credit, as approved by the Commission, to recover any gains or losses related to the disposition of the Company's share of Ohio Valley Electric Corporation (OVEC) capacity and energy costs. The rates for all customers are shown below.

Rate RS, RSLI & RS3P	\$0.00 per kWh
Rate TD-13	\$0.00 per kWh
Rate ORH	\$0.00 per kWh
Rate TD	\$0.00 per kWh
Rate CUR	\$0.00 per kWh
Rate DS	\$0.00 per kWh
Rate EH	\$0.00 per kWh
Rate DM	\$0.00 per kWh
Rate GS-FL, SFL-ADPL	\$0.00 per kWh
Rate DP	\$0.00 per kWh
Rate TS	\$0.00 per kWh
Lighting (SL, TL, OL, NSU, NSP, SC, SE, UOLS)	\$0.00 per kWh

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Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
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### SECTION III - CUSTOMER CHOICE ENROLLMENT AND PARTICIPATION GUIDELINES

#### 1. Selection of Certified Supplier

In order to obtain Competitive Retail Electric Service from a Certified Supplier, a customer must enter into an agreement with a Certified Supplier who meets the requirements for participation in this Customer Choice Program pursuant to the Certified Supplier Service Rules, Regulations, and Rates, specified in Duke Energy Ohio P.U.C.O. Electric No. 20. Enrollment of customers is done through a Direct Access Service Request (DASR), which may be submitted only by Certified Suppliers. DASRs will be effective on the next regularly scheduled meter read date provided that it is received by the Company at least twelve (12) calendar days before the next regularly scheduled meter read date. Enrollments will be processed on a "first in" priority basis based on the received date, using contract date as the tiebreaker. Should the contract date also be the same, the enrollments will be processed on a first in priority basis, based on the order in which the Company received the DASRs. An account may only be served by one Certified Supplier at a time.

Customers may contact the Company at any time to report that they have been switched without giving consent. To decrease the probability of this occurring, the Company requires that Certified Suppliers obtain, and maintain in their files, customer authorizations as dictated by Commission rules. These authorizations must be made available to the Company, upon request, within three (3) business days.

#### 2. Pre-Enrollment End-use Customer Information List

Upon request, the Company will electronically provide to any supplier certified by the Commission the most recent End-use Customer information list. Once the list has been updated, a supplier may not use an End-use Customer information list from a prior quarter to contact a customer, but suppliers shall not be required to purchase subsequent lists.

The Company will provide customers the option to have all the customer's information listed in the section below removed from the End-use Customer information list. The Company will also provide customers the option to have all the customer's information listed below reinstated on the End-use Customer information list. The customer will be provided written notice of his or her options.

The following information will be provided on the End-use Customer information list for each customer who has not requested that all information be removed from this list:

- (a) End-use Customer name
- (b) Service Address
- (c) Service City
- (d) Service State and Zip Code
- (e) Billing Address
- (f) Billing City
- (g) Billing State and Zip Code

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### SECTION III - CUSTOMER CHOICE ENROLLMENT AND PARTICIPATION GUIDELINES (Contd.)

- (h) Rate Schedule under which service is rendered, including class and sub-class (if applicable)
- (i) Rider (if applicable)
- (j) Load Profile Reference Category
- (k) Meter Type (will provide information that is readily available)
- (l) Interval Meter data indicator (will provide information that is readily available)
- (m) Budget Bill/PIPP indicator
- (n) Meter Read Cycle
- (o) Most recent twelve (12) months of historical consumption data (actual energy usage plus demand, if available)

#### 3. Customer Choice Participation Requirements

To participate in the Customer Choice Program, a customer must have an active electric service account with the Company. After the Company has accepted the customer's application for electric service, the customer may select and contact a Certified Supplier. The Company shall provide a list of all approved Certified Suppliers and which classes of customers the Certified Supplier will serve to a) all of its customers quarterly; b) all applicants for new service and customers returning to Standard Offer Service; and c) any customer upon request. The Company shall not endorse any Certified Supplier nor indicate that any Certified Supplier will receive preference because of a corporate relationship.

Interval ~~m~~Meters are required for customers who choose a Certified Supplier and have a maximum peak demand equal to or greater than 200 kW for the most recent twelve (12) month period. Interval ~~m~~Meters are also required for those customers that have an interruptible load contract with their Certified Supplier. The Company may also require ~~i~~Interval ~~m~~Metering, at Company expense, for other customers based on a review of the customer's rate schedule, billing history and class load profile information. In addition, a communication link must also be installed. The enrollment DASR for these customers will not be approved until a customer-signed ~~i~~Interval ~~m~~Meter request work order has been executed and submitted approving the ~~i~~Interval ~~m~~Meter installation.

Customers are responsible for the incremental costs of the ~~i~~Interval ~~m~~Meters and the incremental costs associated with the installation of required ~~i~~Interval ~~m~~Metering. While the Company will install the meter, the Certified Supplier, on behalf of the customer, or the customer, must arrange for the installation of the communication link (analog telephone line, hard wired or cellular). The Company will be allowed access to the communication link for meter interrogation. The ~~i~~Interval ~~m~~Metering equipment will be maintained and owned by the Company. The charges for the installation of the ~~i~~Interval ~~m~~Metering equipment are specified on tariff Sheet No. 96 "Meter Service Charges." These charges may be paid over a period not to exceed twenty-four (24) months.

Upon the successful processing of an enrollment and/or drop DASR, the Company will notify the customers in writing with the name and phone number of the Certified Supplier, the previous Certified Supplier (if applicable), the effective service change date, the Company's toll-free telephone number, the right to request an actual meter read prior to the transfer of service and the right to rescind (if applicable).

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### SECTION III - CUSTOMER CHOICE ENROLLMENT AND PARTICIPATION GUIDELINES (Contd.)

#### 4. Switching Rules

An enrollment DADR must be received by the Company at least twelve (12) calendar days before the effective date, which will be the customer's next regularly scheduled meter reading date, to enroll with or switch to a new Certified Supplier. Enrollment DADRs will be effective according to the following schedule:

- (a) If an enrollment DADR is received twelve (12) or more days prior to the next regularly scheduled meter read date and no other enrollment DADR is currently pending, the enrollment DADR will be effective on the next regularly scheduled meter read date.
- (b) If an enrollment DADR is received less than twelve (12) days prior to the next regularly scheduled meter read date and no other enrollment DADR is currently pending, the enrollment DADR will be effective on the second regularly scheduled meter read date after the enrollment DADR is received.
- (c) If an enrollment DADR is currently pending, and another enrollment DADR is received, the first enrollment DADR will be effective and the second enrollment DADR will be rejected. There cannot be two pending enrollment DADRs for the same account at the same time.
- (d) If an enrollment DADR for an active electric service account is submitted for the Company Consolidated billing option known as Bill Ready and the account is currently involved in the Company's summary billing program, the DADR will be rejected until the Company's information system has the capability to accept such DADRs. In order for an enrollment DADR to be accepted for a summary billing account, the Certified Supplier must submit the DADR with a billing option for either separate billing by the Company and the Certified Supplier or the Company Consolidated billing option known as Rate Ready.
- (e) If an enrollment DADR for an active electric service account is submitted for the Company Consolidated billing option known as Bill Ready and the account is currently involved in the Company's adjusted due date program, the DADR will be rejected until the Company's information system has the capability to accept such DADRs. In order for an enrollment DADR to be accepted for an account with an adjusted due date, the Certified Supplier must submit the DADR with a billing option for either separate billing by the Company and the Certified Supplier or the Company Consolidated billing option known as Rate Ready.

For the purpose of switching rules, customers are divided into three categories: Residential End-use Customers, ~~small-commercialNonmercantile Customers~~ and ~~industrial~~, and ~~large-commercial-and-industrialMercantile Customers~~. Residential End-use eCustomers are customers who use electricity for residential purposes. ~~Small-commercial-and-industrialNonmercantile eCustomers~~ are defined as customers who use electricity for nonresidential purposes, consume less than 700,000 kWh of electricity per year and are not part of a national account involving multiple facilities in one or more states. ~~Large commercial-and-industrial-Mercantile eCustomers~~ are customers who use electricity for nonresidential purposes, consume greater than or equal to 700,000 kWh of electricity per year or are part of a national account involving multiple facilities in one or more states.

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### SECTION III - CUSTOMER CHOICE ENROLLMENT AND PARTICIPATION GUIDELINES (Contd.)

### End-use Customer Return to SSO Service

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### SECTION III - CUSTOMER CHOICE ENROLLMENT AND PARTICIPATION GUIDELINES (Contd.)

- ii) If a ~~Small Commercial and Industrial Customer~~ Nonmercantile Customer returns to the Company, the ~~Small Commercial and Industrial Nonmercantile~~ Customer is placed on the SSO. The ~~Small Commercial and Industrial End-use Nonmercantile~~ Customer will be mailed a letter the day following the successful processing of a DASR returning the ~~Small Commercial and Industrial End-use Nonmercantile~~ Customer to the Company.

#### (e) ~~Large Commercial and Industrial Mercantile End-use Customers~~

- i) ~~Large Commercial and Industrial End-use Mercantile~~ Customers are not subject to a minimum stay.
- ii) If a ~~Large Commercial and Industrial Mercantile~~ Customer returns to the Company, the ~~Large Commercial and Industrial Mercantile~~ Customer is placed on the SSO. The ~~Large Commercial and Industrial End-use Mercantile~~ Customer will be mailed a letter the day following the successful processing of a DASR returning the ~~Large Commercial and Industrial End-use Mercantile~~ Customer to the Company.

#### 5. **Certified Supplier Defaults**

If a Certified Supplier defaults, the Company will notify the customers of the default. However, service to the affected customers will not be interrupted due to the default. The customers involved will return to the Company's Standard Offer Rate on their next regular scheduled meter read date, unless there is sufficient time to choose an alternative supplier.

#### 6. **Certified Supplier Drops Customer**

If the Certified Supplier decides to discontinue service to a customer, the Certified Supplier will notify the customer in accordance with Commission rules and submit a Drop DASR to the Company at least twelve (12) calendar days in advance of the requested drop date, which will be the next regular scheduled meter read date. The Company will notify the customer when a Drop DASR is received.

#### 7. **Requests for Customer Specific Usage Information**

A customer or a Certified Supplier, acting as the customer's authorized agent, may request specific usage information. The customer specific usage request will include twelve (12) months of historical data (if available) including monthly kWh usage, meter read dates, and associated monthly maximum demand history, if applicable.

This information will be provided to the customer or the Certified Supplier, acting as the customer's authorized agent, free of charge.

If the customer requests monthly ~~interval~~ metering data, the customer will be required to pay the charge specified on the tariff Sheet No. 95 "Meter Data Charges." Charges to Certified Suppliers for  
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Interval Meter data are specified in P.U.C.O. Electric No. 20.

### SECTION III - CUSTOMER CHOICE ENROLLMENT AND PARTICIPATION GUIDELINES (Contd.)

#### 8. Customer Aggregation

Customers may be aggregated for purposes of negotiating the purchase of Competitive Retail Electric Services from a Certified Supplier. Customer aggregation is not restricted by the class of customer within an aggregated group. Accordingly, any customer may be represented by an aggregator. However, an aggregator is not a customer, but rather an agent for aggregated customers. Each aggregated customer will be treated as an individual customer of the Company for billing purposes under their otherwise applicable rate schedules, including the billing of applicable Generation Charges and Shopping Credits. Combination of meter registrations of aggregated customers will not be permitted. No charge of a tariff service will be affected by a customer's aggregation status, and aggregation of load cannot be used for qualification under a tariff.

#### 9. Bill Payment Option

A Certified Supplier must notify the Company which billing option is being chosen for its customers: (1) Company Consolidated billing or (2) separate billing by the Company and the Certified Supplier. When the Company Consolidated billing option is selected, the customer will receive one bill from the Company, which will include both the Company's and the Certified Supplier's charges stated separately. The customer is responsible for payment in full to the Company for both the Company and Certified Supplier charges when the Company performs consolidated billing. The billing option must be identified at the time the enrollment DSR is submitted to the Company. Regardless of the billing option selected by the Certified Supplier, the customer may still choose to have budget billing for bills rendered by the Company.

~~If a change DSR for a customer's electric service account actively enrolled with a Certified Supplier is submitted to change the billing option from separate billing by the Company and the Certified Supplier or from the Company Consolidated billing option known as Rate Ready to the Company Consolidated billing option known as Bill Ready and the account is currently involved in the Company's summary billing program, the DSR will be rejected until the Company's information system has the capability to accept such DSRs. In order for a billing option change DSR to be accepted for this situation, the change submitted must be from separate billing by the Company and the Certified Supplier to the Company Consolidated billing option known as Rate Ready or from the Company Consolidated billing option known as Rate Ready to separate billing by the Company and the Certified Supplier.~~

~~If a change DSR for a customer's electric service account actively enrolled with a Certified Supplier is submitted to change the billing option from separate billing by the Company and the Certified Supplier or from the Company Consolidated billing option known as Rate Ready to the Company Consolidated billing option known as Bill Ready and the account is currently involved in the Company's adjusted due date program, the DSR will be rejected until the Company's information system has the capability to accept such DSRs. In order for a billing option change DSR to be accepted for this situation, the change submitted must be from separate billing by the Company and the Certified Supplier to the Company Consolidated billing option known as Rate Ready or from the Company Consolidated billing option known as Rate Ready to separate billing by the Company and the Certified Supplier.~~

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### SECTION III - CUSTOMER CHOICE ENROLLMENT AND PARTICIPATION GUIDELINES (Contd.)

For customers who have a maximum annual peak demand greater than or equal to 200 kW for the most recent twelve (12) month period, the required interval metering will be used to support the Certified Suppliers' billing options. If a customer has a maximum annual peak demand less than 200 kW and the Company must install special metering to support a Certified Supplier's billing option, the customer will be responsible for the incremental costs of upgrading the present meter plus all costs associated with the installation of that metering equipment. The charges for an interval meter will be at the tariffed rate, which may be paid over a period not to exceed twenty-four (24) months.

~~If the Company is providing the consolidated bill option for the Certified Supplier, the Company will remit payments received for Certified Supplier charges including the associated taxes to the Certified Supplier.~~

~~All billed charges are grouped into categories and a payment priority is established for each. If a partial payment is received, the Company will apply the following payment priorities classification: Payments will be applied first to prior gas and electric Regulated Utility Charges, second to current gas and electric Regulated Utility Charges, third to prior electric Certified Supplier charges and gas supplier charges (if applicable), fourth to current electric Certified Supplier charges and gas supplier charges (if applicable), and then on a pro-rata basis for non-regulated products and services. When the priority classification is equal, payments will be applied to the oldest receivables first.~~

If the dual bill option is chosen, the customer will receive separate bills from the Company and the Certified Supplier for their respective charges. The Company and Certified Supplier shall be individually responsible for the collection of their respective charges.

Regardless of the bill option chosen by the Certified Supplier, customers who fail to pay in full their Regulated Utility Charges to the Company will be subject to the Company's late payment charge policy as it applies to those Regulated Utility Charges. The customer will also be subject to the rules and regulations governing the credit, collection and disconnection procedures in accordance with Sections 4901:1-17 and 4901:1-18 of the Ohio Administrative Code.

~~The Certified Supplier is ultimately responsible for the collection of any unpaid charges for services provided by them, as well as for developing their own credit and collection policies. However, in the course of following its collection procedures for Regulated Utility Charges, the Company may inform customers of such arrearages. In accordance with the rules and regulations governing the credit, collection and disconnection procedures specified in Sections 4901:1-17 and 4901:1-18 of the Ohio Administrative Code, the Certified Supplier may not physically disconnect customers for non-payment of Certified Supplier charges.~~

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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 and 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, the applicable general service rate 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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### 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. Distribution Charges
  - (a) Customer Charge \$6.00 per month
  - (b) Energy Charge \$0.025342 per kWh

2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider

~~Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider~~

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider

~~Sheet No. 106, Rider DR-ECF, Economic Competitiveness Fund Rider~~

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#### NET MONTHLY BILL (Contd.)

~~Sheet No. 106, Rider DR-SAWR, Energy Efficiency Recovery Rate~~  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
~~Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider~~  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate  
Sheet No. 122, Rider DDR, Distribution Decoupling Rider  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

#### MINIMUM CHARGE

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

#### BILLING PERIODS

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.

#### LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable.

The late payment charge is not applicable to:

- Unpaid account balances of customers enrolled in income payment plans pursuant to OAC Section 4901:1-18-04(B); and
- Unpaid account balances for services received from a Certified Supplier.

#### TERMS AND CONDITIONS

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

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

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## RATE ORH

### OPTIONAL RESIDENTIAL SERVICE WITH ELECTRIC SPACE HEATING

#### APPLICABILITY

Applicable to electric service, other than three phase service, used for all domestic purposes in private residences and single occupancy apartments where permanently connected electric heating equipment is installed and in regular use as the primary source of qualified space heating in the entire territory of the Company where distribution lines are adjacent to the premises to be served. In addition, the customer will be required to pay an amount equal to the current installed cost of demand metering equipment in excess of the current installed cost of standard watt-hour metering equipment. All metering equipment shall remain the property of the Company. The Company shall be responsible for the installation, operation, maintenance, testing, replacement and removal of metering equipment.

This rate is only available as Company demand meters are installed on the customer's premises. Due to the limited availability of metering equipment and Company personnel, a demand meter will be installed as metering equipment and Company personnel are available.

Where a portion of a residential service is used for purposes of a commercial or public character, the applicable general service rate 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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### 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:

	<u>Summer Period</u>	<u>Winter Period</u>
1. Distribution Charges		
(a) Customer Charge	\$6.00 per month	\$6.00 per month
(b) Energy Charge		
First 1,000 kilowatt-hours	\$0.025342 per kWh	\$0.028949 per kWh
Additional kilowatt-hours	\$0.025342 per kWh	\$0.015990 per kWh
In excess of 150 times Customer's		
Monthly Demand	\$0.025342 per kWh	\$0.010779 per kWh

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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. 70, Rider DR-IKE, Storm Recovery Rider

~~Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider~~

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider

~~Sheet No. 106, Rider DR-ECF, Economic Competitiveness Fund Rider~~

~~Sheet No. 106, Rider DR-SAWR, Energy Efficiency Recovery Rate~~

Sheet No. 108, UE-ED, Uncollectible Expense – Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

~~Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider~~

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate

~~Sheet No. 122, Rider DDR, Distribution Decoupling Rider~~

~~Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider~~

~~Sheet No. 125, Rider DSR, Distribution Storm Rider~~

~~Sheet No. 126, Rider PSR, Price Stabilization Rider~~

### MINIMUM CHARGE

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

### BILLING PERIODS

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 the period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

### DEMAND

Customer's monthly demand will be the kilowatts as determined from the Company's demand metering equipment for the fifteen (15) minute period of customer's greatest use in each month during the winter period.

Minimum demand shall be ten (10) kilowatts.

### QUALIFIED SPACE HEATING

"Qualified" space heating is the heating of residential living quarters primarily through the regular use of permanently connected electric heating equipment, the installation of which meets the Company's

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specifications.

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#### LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable.

The late payment charge is not applicable to:

- Unpaid account balances of customers enrolled in income payment plans pursuant to OAC Section 4901:1-18-04(B); and
- Unpaid account balances for services received from a Certified Supplier.

#### TERMS AND CONDITIONS

This rate is available upon application in accordance with the Company's Service Regulations and the minimum contract period shall be one (1) year terminable thereafter on thirty (30) days written notice by either the customer or the Company.

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

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## RATE TD

### OPTIONAL TIME-OF-DAY RATE FOR RESIDENTIAL SERVICE

#### APPLICABILITY

Applicable to electric service other than three phase service for all domestic purposes in private residences and single occupancy apartments in the entire territory of the Company where distribution lines are adjacent to the premises to be served. This rate is available only as Company demand meters with programmable time-of-day registers are installed on the customer's premises.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### NET MONTHLY BILL

Computed in accordance with the following charges:

	<u>Summer Period</u>	<u>Winter Period</u>
1. Distribution Charges		
(a) Customer Charge	\$15.50 per month	\$15.50 per month
(b) Energy Charge		
On Peak kilowatt-hours	\$0.051494 per kWh	\$0.040919 per kWh
Off Peak kilowatt-hours	\$0.008983 per kWh	\$0.008976 per kWh

#### 2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
~~Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider~~  
 Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
 Sheet No. 86, Rider USR, Universal Service Fund Rider  
 Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
 Sheet No. 89, Rider BTR, Base Transmission Rider  
 Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
 Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider  
~~Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider~~  
~~Sheet No. 106, Rider DR-SAWR, Energy Efficiency Recovery Rate~~  
 Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
 Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
 Sheet No. 111, Rider RC, Retail Capacity Rider  
 Sheet No. 112, Rider RE, Retail Energy Rider  
~~Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider~~  
 Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
 Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate  
Sheet No. 122, Rider DDR, Distribution Decoupling Rider  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

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#### **MINIMUM CHARGE**

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

#### **BILLING PERIODS**

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.

#### **RATING PERIODS**

The rating periods applicable to the above kilowatt-hour charges are as follows:

- a) Summer On Peak Period - 11:00 a.m. to 8:00 p.m. Monday through Friday, excluding holidays.
- b) Winter On Peak Period - 9:00 a.m. to 2:00 p.m. and 5:00 p.m. to 9:00 p.m. Monday through Friday, excluding holidays.
- c) 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, Veteran's Day, Thanksgiving Day and Christmas Day or on the day nationally designated to be celebrated as such with the exception that if the foregoing holidays occur on a Sunday, the following Monday is considered a holiday.

#### **LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

#### **TERMS AND CONDITIONS**

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

The initial term of service under this rate is three (3) years. If the customer desires to cancel service under this tariff within three (3) years, a termination fee may be charged by the Company. The termination fee will be determined by applying the above Customer Charge times the remaining months of the initial service agreement.

Where the Company is denied access to read the customer's time-of-day meter for more than two (2) consecutive months, the Company may, after notifying the customer, place the customer on the Company's standard residential rate. If the Company moves the customer to the standard rate, the customer shall not be billed for the termination fee.

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

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## RATE CUR

### COMMON USE RESIDENTIAL SERVICE

#### APPLICABILITY

Applicable to electric service other than three phase service for 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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### 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. Distribution Charges

(a) Customer Charge \$6.00 per month

(b) Energy Charge \$0.025342 per kWh

2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider

~~Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider~~

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider

~~Sheet No. 105, Rider DR-ECF, Economic Competitiveness Rider~~

~~Sheet No. 106, Rider DR-SAWR, Energy Efficiency Recovery Rate~~

Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

~~Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider~~

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate

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Sheet No. 122, Rider DDR, Distribution Decoupling Rider  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

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**MINIMUM CHARGE**

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

**BILLING PERIODS**

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.

**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable.

The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

**TERMS AND CONDITIONS**

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

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

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## RATE RS3P

### RESIDENTIAL THREE-PHASE SERVICE

#### APPLICABILITY

Applicable to three phase electric service, for all domestic purposes in private residences and single occupancy apartments and separately metered common use areas of multi-occupancy buildings in the entire territory of the Company where (1) distribution lines are adjacent to the premises to be served, (2) the building load requires three phase service, (3) building load exceeds the Company's standard single-phase equipment or the building is a multi-use facility requiring three-phase service for the commercial space, and (4) additional distribution line extensions are not required. In all other instances, the Company will make three phase service available to residential customers at the customer's sole expense and pursuant to a three-year service agreement.

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, the applicable general service rate 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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### TYPE OF SERVICE

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

#### NET MONTHLY BILL

Computed in accordance with the following charges:

1. Distribution Charges
  - (a) Customer Charge \$8.50 per month
  - (b) Energy Charge \$0.025342 per kWh

2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider

~~Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider~~

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider

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#### NET MONTHLY BILL (Contd.)

Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider  
~~Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider~~  
~~Sheet No. 106, Rider DR-SAWR, Energy Efficiency Recovery Rate~~  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
~~Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider~~  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate  
Sheet No. 122, Rider DDR, Distribution Decoupling Rider  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

#### MINIMUM CHARGE

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

#### BILLING PERIODS

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.

#### LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable.

The late payment charge is not applicable to:

- Unpaid account balances of customers enrolled in income payment plans pursuant to Section 4901:1-18-04(B), Ohio Administrative Code; and
- Unpaid account balances for services received from a Certified Supplier.

#### TERMS AND CONDITIONS

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

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

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

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## RATE RSLI

### RESIDENTIAL SERVICE – LOW INCOME

#### APPLICABILITY

Applicable to up to 10,000 electric customers who are at or below 200% of the Federal poverty level and who do not participate in the Percentage of Income Payment Plan (PIPP). Applicable to electric service other than three phase service, for all domestic purposes in private residences and single occupancy apartments and separately metered common use areas of multi-occupancy buildings 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, the applicable general service rate 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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### 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. Distribution Charges
  - (a) Customer Charge \$2.00 per month
  - (b) Energy Charge \$0.025342 per kWh

2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider

~~Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider~~

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

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#### NET MONTHLY BILL (Contd.)

Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider  
~~Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider~~  
~~Sheet No. 106, Rider DR-SAWR, Energy Efficiency Recovery Rate~~  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
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Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
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Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

#### MINIMUM CHARGE

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

#### BILLING PERIODS

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.

#### LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable.

The late payment charge is not applicable to:

- Unpaid account balances of customers enrolled in income payment plans pursuant to Section 4901:1-18-04(B), Ohio Administrative Code; and
- Unpaid account balances for services received from a Certified Supplier.

#### TERMS AND CONDITIONS

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

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

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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 where the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served and the Company determines that the customers average monthly demand is greater than 15 kilowatts. Electric service must be supplied at one point of delivery.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### TYPE OF SERVICE

Alternating current 60 Hz, single phase or three phase, at Company's standard distribution voltage. When both single and three phase secondary voltage services are required by a Distribution customer, the monthly kilowatt-hour usage and kilowatt demands shall be the respective arithmetical sums of both services.

#### NET MONTHLY BILL

Computed in accordance with the following charges provided, however, that the minimum monthly load factor, expressed as hours-use per month, shall not be less than 71 kWh per kW. When applicable, the minimum monthly load factor shall be achieved by calculating the billing demand as the monthly kWh usage divided by 71 (kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

1. Distribution Charges

(a) Customer Charge per month

Single Phase Service	\$22.97
Single and/or Three Phase Service	\$45.95

(b) Demand Charge

All kilowatts	\$ 5.3815 per kW
---------------	------------------

2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
~~Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider~~  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider  
~~Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider~~  
~~Sheet No. 106, Rider DR-SAWR, Energy Efficiency Recovery Rate~~  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider

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139 East Fourth Street  
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P.U.C.O. Electric No. 19  
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#### NET MONTHLY BILL (Cont'd)

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
~~Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider~~  
~~Sheet No. 114, Rider LFA, Load Factor Adjustment Rider~~  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

#### MINIMUM BILL PROVISION

The minimum bill shall be eighty five percent (85%) of the highest monthly kilowatt demand as established in the summer period and effective for the next succeeding eleven (11) months plus the Customer Charge.

In no case, however, shall the minimum bill be less than the Customer Charge.

#### 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 (1.5%) percent 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 the Company's option, a demand meter may not be installed 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) Eighty five percent (85%) of the highest monthly kilowatt demand as established in the summer period and effective for the next succeeding eleven (11) months; or
- b) One (1) kilowatt for each single phase meter and five (5) kilowatts for each three phase meter.

The Company may re-determine customer's billing demand at any time in recognition of a permanent change in load due to such occurrences as the installation of load control equipment or a temporary change due to malfunctions of such equipment.

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.

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#### **POWER FACTOR ADJUSTMENT**

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

Power factor may be determined by the following methods, at the Company's option:

- 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 ninety percent (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 total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

#### **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 percent (20%) of actual cost. The annual facilities charge shall be billed in twelve monthly installments to be added to the demand charge.

#### **SERVICE REGULATIONS**

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

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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 where secondary distribution lines exist for any fixed electric load that can be served by a standard service drop from the Company's existing secondary distribution system.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### 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:

1. Distribution Charges

- (a) For loads based on a range of 540 to 720 hours use per month of the rated capacity of the connected equipment \$0.020721 per kWh
- (b) For loads of less than 540 hours use per month of the rated capacity of the connected equipment \$0.023764 per kWh

2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider  
Sheet No. 106, Rider DR-SAWR, Energy Efficiency Recovery Rate  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation  
Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

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#### MINIMUM CHARGE

The minimum charge shall be \$5.64 per Fixed Load Location per month.

#### LATE PAYMENT CHARGE

- Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

#### 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 customer shall notify the Company in advance of every change in connected load, 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 an increase in load, 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 increased load for the full period such load was connected.

#### TERM AND CONDITIONS

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

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

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## RATE EH

### OPTIONAL RATE FOR ELECTRIC SPACE HEATING

#### APPLICABILITY

Applicable to electric service for heating when customer's wiring is so arranged that heating service can be furnished at one point of delivery and can be metered separately from all other types of service or to any public school, parochial school, private school, or church when supplied at one point of delivery, provided permanently connected and regularly used electrical equipment is installed in compliance with the Company specifications as the primary source of heating or heating and cooling the atmosphere to temperatures of human comfort; and provided all other electrical energy requirements are purchased from the Company. For the purpose of the administration of this tariff schedule, primary source is defined as at least 90 percent (90%). No single water-heating unit shall be wired that the demand established by it can exceed 5.5 kilowatts unless approved by the Company.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### TYPE OF SERVICE

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

#### NET MONTHLY BILL

Computed in accordance with the following charges:

##### Winter Period:

##### 1. Distribution Charges

##### (a) Customer Charge per month

Single Phase Service	\$ 23.00
Three Phase Service	\$ 46.00
Primary Voltage Service	\$200.00

##### (b) Energy Charge

All kilowatt-hours	\$0.016478 per kWh
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##### Summer Period:

All usage during the summer period shall be billed in accordance with the provisions of the applicable distribution voltage service rate.

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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. 70, Rider DR-IKE, Storm Recovery Rider

~~Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider~~

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider

~~Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider~~

~~Sheet No. 106, Rider DR-SAWR, Energy Efficiency Recovery Rate~~

Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

~~Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider~~

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate

Sheet No. 122, Rider DDR, Distribution Decoupling Rider

Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider

Sheet No. 125, Rider DSR, Distribution Storm Rider

Sheet No. 126, Rider PSR, Price Stabilization Rider

### MINIMUM CHARGE

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

### BILLING PERIODS

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.

### LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

### 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 and billing for service and all conditions applying thereto, are subject to the jurisdiction of

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the Public Utilities Commission of Ohio, and to the Company's Service Regulations currently in effect,  
as filed with the Public Utilities Commission of Ohio.

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## RATE DM

### SECONDARY DISTRIBUTION SERVICE - SMALL

#### 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 and adjacent to the premises to be served and the Company determines that the customer's average monthly demand is 15 kilowatts or less. This tariff schedule is also applicable to electric service to recreation facilities that are promoted, operated and maintained by non-profit organizations where such service is separately metered. Electric service must be supplied at one point of delivery.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### TYPE OF SERVICE

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

#### NET MONTHLY BILL

Computed in accordance with the following charges:

	<u>Summer Period</u>	<u>Winter Period</u>
1. Distribution Charges		
(a) Customer Charge		
Single Phase	\$ 8.07 per month	\$ 8.07 per month
Three Phase	\$16.14 per month	\$16.14 per month
(b) Energy Charge		
First 2,800 kWh	\$0.041988 per kWh	\$0.030141 per kWh
Next 3,200 kWh	\$0.003493 per kWh	\$0.003493 per kWh
Additional kWh	\$0.001482 per kWh	\$0.001482 per kWh

#### 2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
~~Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider~~  
 Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
 Sheet No. 86, Rider USR, Universal Service Fund Rider  
 Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
 Sheet No. 89, Rider BTR, Base Transmission Rider  
 Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
 Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider  
~~Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider~~  
~~Sheet No. 106, Rider DR-SAWR, Energy Efficiency Recovery Rate~~  
 Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider

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#### NET MONTHLY BILL (Contd.)

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
~~Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider~~  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate  
~~Sheet No. 122, Rider DDR, Distribution Decoupling Rider~~  
~~Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider~~  
~~Sheet No. 125, Rider DSR, Distribution Storm Rider~~  
~~Sheet No. 126, Rider PSR, Price Stabilization Rider~~

#### MINIMUM CHARGE

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

When both single and three phase service are required by the customer, the monthly kilowatt-hour usage shall be the arithmetical sum of both services.

#### BILLING PERIODS

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.

#### LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

#### TERMS AND CONDITIONS

The initial term of contract shall be for a minimum period of one (1) year terminable thereafter by a minimum notice either of the customer or the Company as prescribed by the Company's Service Regulations.

For purposes of the administration of this rate, the Company will determine the customer's average monthly demand based upon customer's most recent twelve month usage each year after the initial term of service has been fulfilled by the customer. If the customer's average demand exceeds 15 kW or if the customer's monthly demand exceeds 30 kW in two (2) or more months in any twelve month period, the Company may require the customer to be billed under the provisions of Rate DS.

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

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## RATE DP

### SERVICE AT PRIMARY DISTRIBUTION VOLTAGE

#### APPLICABILITY

Applicable to electric service for usual customer load requirements where the Company specifies service at nominal primary distribution system voltages of 12,500 volts or 34,500 volts, and the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served. Electric service must be supplied at one point of delivery.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### TYPE OF SERVICE

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

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.

#### NET MONTHLY BILL

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

1. Distribution Charges
  - (a) Customer Charge per month  
Primary Voltage Service (12.5 or 34.5 kV) \$229.92 per month
  - (b) Demand Charge  
All kilowatts \$4.3340 per kW

2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
~~Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider~~  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
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~~Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider~~  
~~Sheet No. 106, Rider DR-SAWR, Energy Efficiency Recovery Rate~~  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider

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#### NET MONTHLY BILL (Cont'd.)

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
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Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

#### MINIMUM BILL PROVISION

The minimum bill shall be: Eighty-five percent (85%) of the highest monthly kilowatt demand as established in the summer period and effective for the next succeeding eleven (11) months plus the Customer Charge

In no case, however, shall the minimum bill be less than the Customer Charge.

#### 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 the higher of the following:

- a) Eighty-five percent (85%) of the highest monthly kilowatt demand as established in the summer period and effective for the next succeeding eleven (11) months; or
- b) Five (5) kilowatts.

The Company may re-determine customer's billing demand at any time in recognition of a permanent change in load due to such occurrences as the installation of load control equipment or a temporary change due to malfunctions of such equipment.

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.

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Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
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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 ninety percent (90%) lagging. If the Company determines customer's power factor to be less than ninety percent (90%), the billing demand will be the number of kilowatts equal to the kilovolt amperes multiplied by 0.90.

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

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

#### **LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

#### **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 follows:

- (1) For customers with a most recent twelve (12) month average demand of less than 10,000 kVA, thirty (30) days written notice.
- (2) For customers with a most recent twelve (12) month average demand of greater than 10,000 kVA, twelve (12) months written notice.

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 percent (20%) of actual cost. The annual facilities charge shall be billed in twelve monthly installments to be added to the demand charge.

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#### **SERVICE REGULATIONS**

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

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**RATE SFL - ADPL**

**OPTIONAL UNMETERED RATE FOR SMALL FIXED LOADS ATTACHED DIRECTLY TO COMPANY'S  
POWER LINES**

**APPLICABILITY**

Applicable to electric service in the Company's entire territory where secondary and/or primary distribution lines exist for any bulk, small, unmetered, fixed-load electric devices that can be connected directly to the Company's power lines within the power zone of Company's poles and which do not require service drops.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

**TYPE OF SERVICE**

Alternating current 60 Hz, at nominal voltages of 120, 120/240 or 120/208, 12,500 or 34,500 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:

1. Distribution Charges \$0.020721 per kWh

2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider

~~Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider~~

Sheet No. 83, Rider OET, Ohio Excise Tax Rider

Sheet No. 86, Rider USR, Universal Service Fund Rider

Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider

Sheet No. 89, Rider BTR, Base Transmission Rider

Sheet No. 97, Rider RTO, Regional Transmission Organization Rider

~~Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider~~

~~Sheet No. 106, Rider DR-SAWR, Energy Efficiency Recovery Rate~~

Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider

Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

Sheet No. 111, Rider RC, Retail Capacity Rider

Sheet No. 112, Rider RE, Retail Energy Rider

~~Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider~~

Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate

~~Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider~~

~~Sheet No. 125, Rider DSR, Distribution Storm Rider~~

~~Sheet No. 126, Rider PSR, Price Stabilization Rider~~

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#### **LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. Company and customer may agree to different late payment terms in the Service Agreement. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

#### **SERVICE PROVISIONS**

1. Each separate point of delivery of service shall be considered a Fixed Load Location.
2. The Company shall determine the monthly kWhs associated with each Fixed Load Location.
3. The customer shall enter into a Service Agreement with the Company setting forth the terms and conditions under which the customer may connect devices to the Company's power lines.
4. The customer shall be responsible for all costs associated with connecting the device to the power lines.
5. The customer shall notify the Company in advance of the connection of any device to Company's power lines, and in advance of every change in connected load, 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 an increase in load, 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 increased load for the full period such load was connected.
6. The Company may, at its sole discretion, refuse to attach devices that it reasonably believes may impede the operation, maintenance, reliability, or safety of the electric distribution lines or pose a danger to Company personnel or other persons.
7. To the extent it is commercially feasible to do so, the Company will combine all fixed load locations for a given customer onto a single monthly bill. Billing calculations will be performed for each Fixed Load Location, but the results of the individual calculations will be summarized on the monthly bill.

#### **TERM OF SERVICE**

Minimum one (1) year, terminable thereafter on thirty (30) days written notice by either customer or Company. Company and customer may agree to a different term in the Service Agreement.

#### **SERVICE REGULATIONS**

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

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**RIDER NM**  
**NET METERING RIDER**

**AVAILABILITY**

Net Metering is available to qualifying customer generators, upon request, and on a first-come, first-served basis. A qualifying customer generator is one whose generating facilities are:

- a. Fueled by solar, wind, biomass, landfill gas, or hydropower, or use a microturbine or a fuel cell;
- b. Located on the Customer's premises;
- c. Operated in parallel with the Company's transmission and distribution facilities;
- d. Intended primarily to offset part or all of the Customer's requirements for electricity.

**DEFINITION**

"Net Metering" means measuring the difference in an applicable billing period between the amount of electricity supplied by Company and the amount of electricity generated by such respective Customer that is delivered to Company.

**BILLING**

The measurement of net electricity supplied by Company and delivered to Company shall be calculated in the following manner. Company shall measure the difference between the amount of electricity delivered by Company to Customer and the amount of electricity generated by the Customer and delivered to Company during the billing period, in accordance with normal metering practices. If the kWh delivered by Company to the Customer exceeds the kWh delivered by the Customer to Company during the billing period, the Customer shall be billed for the kWh difference, and any applicable demands used in the calculation shall be based on the meter channel that records power flowing from the Company to the Customer. If the kWh generated by the Customer and then delivered to Company exceeds the kWh supplied by the Company to Customer during the billing period, the Customer shall be credited the kWh difference. The credit shall be calculated using the kWh charge as determined by Rider RC, Retail Capacity and Rider RE, Retail Energy of the applicable rate tariff, and any applicable demands used to calculate the credits shall be based on the meter channel that records power flowing from the Customer to the Company. The Customer may request in writing a refund that amounts to, but is not greater than, an annual true-up of accumulated credits over a twelve month period.

Bill charges and credits will be in accordance with the standard tariff that would apply if the Customer did not participate in this rider.

**METERING**

Net metering shall be accomplished using a single meter capable of registering the amount (flow) of electricity which flowed in each direction during a billing period. A customer's existing single-register meter that is capable of registering the flow of electricity in both directions satisfies this requirement. If the customer's existing electrical meter is not capable of measuring the flow of

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electricity in two directions, the Company, upon written request from the customer, shall install at the customer's expense a meter that is capable of measuring electricity flow in two directions.

#### METERING (Contd.)

The Company, at its own expense and with the written consent of the customer generator, may install one or more additional meters to monitor the flow of electricity in each direction. The Company shall not impose, without Commission approval, any additional interconnection requirement or additional charges on customer generators refusing to give such consent.

#### TERMS AND CONDITIONS

Customer generators are not required to:

(a) Comply with any additional safety or performance standards beyond those established by rules in Chapter 4901:1-22 of the Administrative Code, and the "National Electrical Code," the "Institute of Electrical and Electronics Engineers," and "Underwriters Laboratories," in effect as set forth in rule 4901:1-22-03 of the Administrative Code.

(b) Perform or pay for additional tests beyond those required by paragraph (a) above.

(c) Purchase additional liability insurance beyond that required by paragraph (a) above.

Company and Customer, to the extent permitted by law, shall indemnify and hold the other party harmless from and against all claims, liability, damages, and expenses, including attorney's fees, based on any injury to any persons, including loss of life or damage to any property, including loss of use thereof, arising out of, resulting from, or connected with, or that may be alleged to have arisen out of, resulted from, or connected with an act or omission by such other party, its employees, agents, representatives, successors, or assigns in the construction, ownership, operation, or maintenance of such party's facilities used in net metering.

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

#### INTERCONNECTION

Customer shall make an application for Interconnection Service and execute an Interconnection Agreement as outlined in Rate IS – Interconnection Service.

Customer shall comply with all applicable requirements of Rate IS – Interconnection Service.

Conformance with these requirements does not convey any liability to the Company for damages or injuries arising from the installation or operation of the generator system.

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## RATE TS

### 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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### 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 (kilovolt amperes are abbreviated as kVA; kilowatt-hours are abbreviated as kWh):

1. Distribution Charges

- |                               |                  |
|-------------------------------|------------------|
| (a) Customer Charge per month | \$200.00         |
| (b) Demand Charge             |                  |
| All kVA                       | \$ 0.000 per kVA |

2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
~~Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider~~  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
~~Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider~~  
~~Sheet No. 106, Rider DR-SAWR, Energy Efficiency Recovery Rate~~  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
~~Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider~~  
~~Sheet No. 114, Rider LFA, Load Factor Adjustment Rider~~  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider

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Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery  
Rate

Sheet No. 126, Rider PSR, Price Stabilization Rider

#### **MINIMUM CHARGE**

The minimum charge shall be not less than fifty percent (50%) of the highest demand charge established during the preceding eleven (11) months or the billing of 1,000 kVA, whichever is higher.

#### **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 demand shall be the kilovolt amperes derived from the Company's demand meter for the fifteen-minute period of the customer's greatest use during the month, but not less than the higher of the following:

- a) Eighty-five (85%) of the highest monthly kilovolt amperes similarly established during the summer period for the next succeeding eleven (11) months; or
- b) 1,000 kilovolt amperes.

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 the period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

The Company may re-determine customer's billing demand at any time in recognition of a permanent change in load due to such occurrences as the installation of load control equipment or a temporary change due to malfunctions of such equipment.

#### **LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

#### **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) month average demand of less than 10,000 kVA.
- (2) Twelve (12) months after receipt of written notice for customers with a most recent twelve

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(12) month average demand of 10,000 kVA or greater.

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  
**TERMS AND CONDITIONS (Contd.)**

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 percent (20%) of actual cost. The annual facilities charge shall be billed in twelve (12) monthly installments to be added to the demand charge.

#### **SERVICE REGULATIONS**

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

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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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

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 service will no longer be available for units installed after December 31, 2004.

#### 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 forty-eight (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:

	Lamp Watts	KW/Unit	Annual kWh	Distribution Energy & Equipment \$/Unit
1. Base Rate				
<u>OVERHEAD DISTRIBUTION</u>				
<u>AREA</u>				
Fixture Description				
Standard Fixture (Cobra Head)				
Mercury Vapor				
7,000 lumen	175	0.193	803	4.130
7,000 lumen (Open Refractor)	175	0.205	853	4.042
10,000 lumen	250	0.275	1,144	4.198
21,000 lumen	400	0.430	1,789	4.249

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**NET MONTHLY BILL (Contd.)**

	Lamp Watts	KW/Unit	Annual kWh	Distribution Energy & Equipment \$/Unit
Metal Halide				
14,000 lumen	175	0.193	803	4.130
20,500 lumen	250	0.275	1,144	4.197
Sodium Vapor				
9,500 lumen	100	0.117	487	7.305
9,500 lumen (Open Refractor)	100	0.117	487	7.025
16,000 lumen	150	0.171	711	7.925
22,000 lumen	200	0.228	948	7.869
27,500 lumen	200	0.228	948	7.870
50,000 lumen	400	0.471	1,959	9.628
Decorative Fixtures				
Sodium Vapor				
9,500 lumen (Rectilinear)	100	0.117	487	12.681
22,000 lumen (Rectilinear)	200	0.246	1,023	12.818
50,000 lumen (Rectilinear)	400	0.471	1,959	12.820
50,000 lumen (Setback)	400	0.471	1,959	17.603

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 fifty (50) feet of secondary wiring beyond the first one hundred fifty (150) feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$0.62.

	Lamp Watts	KW/Unit	Annual kWh	Distribution Energy & Equipment \$/Unit
<b>UNDERGROUND DISTRIBUTION AREA</b>				
Fixture Description				
Standard Fixture (Cobra Head)				
Mercury Vapor				
7,000 lumen	175	0.210	874	3.447
7,000 lumen (Open Refractor)	175	0.205	853	4.268

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**NET MONTHLY BILL (Contd.)**

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
10,000 lumen	250	0.292	1,215	3.488
21,000 lumen	400	0.460	1,914	2.805
Sodium Vapor				
9,500 lumen	100	0.117	487	7.288
22,000 lumen	200	0.228	948	7.869
27,500 lumen	200	0.228	948	6.144
50,000 lumen	400	0.471	1,959	9.629
Decorative Fixtures				
Mercury Vapor				
7,000 lumen (Town & Country)	175	0.205	853	7.467
7,000 lumen (Holophane)	175	0.210	874	8.002
7,000 lumen (Gas Replica)	175	0.210	874	15.520
7,000 lumen (Aspen)	175	0.210	874	8.493
Metal Halide				
14,000 lumen (Granville)	175	0.210	874	8.493
14,000 lumen (Town & Country)	175	0.205	853	7.387
14,500 lumen (Gas Replica)	175	0.210	874	19.877
Sodium Vapor				
9,500 lumen (Town & Country)	100	0.117	487	12.344
9,500 lumen (Holophane)	100	0.128	532	9.969
9,500 lumen (Rectilinear)	100	0.117	487	10.118
9,500 lumen (Gas Replica)	100	0.128	532	23.384
9,500 lumen (Aspen)	100	0.128	532	10.507
16,000 lumen (Aspen)	150	0.171	711	6.187
22,000 lumen (Rectilinear)	200	0.246	1,023	10.009
50,000 lumen (Rectilinear)	400	0.471	1,959	12.279
50,000 lumen (Setback)	400	0.471	1,959	13.744

**POLE CHARGES**

<u>Pole Description</u>	<u>Pole Type</u>	<u>\$/Pole</u>
Wood		
17 foot (Wood Laminated) (a)	W17	4.34
30 foot	W30	4.74
35 foot	W35	5.01
40 foot	W40	5.79
Aluminum		
12 foot	A12	12.70
28 foot	A28	7.05
28 foot (heavy duty)	A28H	7.15
30 foot (anchor base)	A30	21.18

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Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 60.166  
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**NET MONTHLY BILL (Contd.)**

Pole Description (Contd.)	Pole Type	\$/Pole
Fiberglass		
17 foot	F17	4.35
30 foot (bronze)	F30	9.41
35 foot (bronze)	F35	9.52
40 foot	F40	5.78
Steel		
27 foot (11 gauge)	S27	17.37
27 foot ( 3 gauge)	S27H	23.51

**Spans of Secondary Wiring:**

For each increment of twenty-five (25) feet of secondary wiring beyond the first twenty-five (25) feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$1.32.

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. Applicable Riders**

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
~~Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider~~  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
~~Sheet No. 106, Rider DR-ECF, Economic Competitiveness Fund~~  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
~~Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider~~  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

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

#### SERVICE REGULATIONS

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

Filed pursuant to an Order dated ~~May 4, 2013 in Case No. 12-1682-EL-AIR~~ in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

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P.U.C.O. Electric No. 19  
Sheet No. 61.165  
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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 January 1, 1992, 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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### 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 as follows:  
Distribution Energy and Equipment Charge \$0.005034 per kWh
- (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 \$0.026291 per kWh
- (c) Where the Company supplies energy and has agreed to provide limited maintenance for traffic signal equipment all kilowatt-hours shall be billed as follows:  
Distribution Energy and Equipment Charge \$0.035228 per kWh

##### 2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
~~Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider~~  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense - Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
~~Sheet No. 106, Rider DR-ECF, Economic Competitiveness Fund Rider~~  
Sheet No. 108, Rider UE-ED, Uncollectible Expense - Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider

Filed pursuant to an Order dated May 1, 2013 in Case No. 12-1682-EL AIR 14-841-EL-SSO before the Public Utilities Commission of Ohio.

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**NET MONTHLY BILL (Contd.)**

Sheet No. 112, Rider RE, Retail Energy Rider  
~~Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider~~  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
~~Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider~~  
~~Sheet No. 125, Rider DSR, Distribution Storm Rider~~  
~~Sheet No. 126, Rider PSR, Price Stabilization Rider~~

**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

**TERM OF SERVICE**

One (1) 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 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 one hundred fifty (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 needs 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 such extension, relocation or rearrangement is performed in the course of the Company's routine system upgrade, or where a municipality requires such work when acting in its governmental capacity; then, no payment will 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.

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**SERVICE REGULATIONS**

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

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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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

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 service will no longer be available for units installed after December 31, 2004.

#### TYPE OF SERVICE

All equipment will be installed, owned and maintained by the Company on rights-of-way provided by the customer. The Company will perform maintenance only during regularly scheduled working hours and will endeavor to replace burned-out lamps within forty-eight (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.

#### NET MONTHLY BILL

##### 1. Base Rate

##### A. Private outdoor lighting units:

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 16 feet for overhead units will be assessed:

	Lamp Watts	KW/Unit	Annual kWh	Distribution Energy & Equipment \$/Unit
<u>Standard Fixtures (Cobra Head)</u>				
<u>Mercury Vapor</u>				
7,000 lumen (Open Refractor)	175	0.205	853	7.537
7,000 lumen	175	0.210	874	12.803
10,000 lumen	250	0.292	1,215	13.067
21,000 lumen	400	0.460	1,914	14.391

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**NET MONTHLY BILL (Contd.)**

	Lamp Watts	KW/Unit	Annual kWh	Distribution Energy & Equipment \$/Unit
<u>Metal Halide</u>				
14,000 lumen	175	0.210	874	12.805
20,500 lumen	250	0.292	1,215	13.066
36,000 lumen	400	0.460	1,914	14.389
<u>Sodium Vapor</u>				
9,500 lumen (Open Refractor)	100	0.117	487	7.700
9,500 lumen	100	0.117	487	10.005
16,000 lumen	150	0.171	711	11.806
22,000 lumen	200	0.228	948	11.273
27,500 lumen	100	0.117	487	10.008
27,500 lumen	200	0.228	948	11.333
50,000 lumen	400	0.471	1,959	10.021
<u>Decorative Fixtures (a)</u>				
<u>Mercury Vapor</u>				
7,000 lumen (Town & Country)	175	0.205	853	17.142
7,000 lumen (Aspen)	175	0.210	874	24.392
<u>Sodium Vapor</u>				
9,500 lumen (Town & Country)	100	0.117	487	26.149
9,500 lumen (Hollophane)	100	0.128	532	27.142
9,500 lumen (Gas Replica)	100	0.128	532	48.389
22,000 lumen (Rectilinear)	200	0.246	1,023	28.708

B. When requesting installation of a decorative unit, the customer may elect to make an additional contribution to obtain the monthly rate per unit charge for the same size standard (cobra head) outdoor lighting fixture.

C. Flood lighting units served in overhead distribution areas (FL):

The following monthly charge for each fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, will be assessed:

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**NET MONTHLY BILL (Contd.)**

	Lamp Watts	KW/Unit	Annual kWh	Distribution Energy & Equipment \$/Unit
<u>Mercury Vapor</u>				
21,000 lumen	400	0.460	1,914	13.308
<u>Metal Halide</u>				
20,500 lumen	250	0.246	1,023	9.835
36,000 lumen	400	0.460	1,914	13.308
<u>Sodium Vapor</u>				
9,500 lumen	100	0.117	487	9.289
22,000 lumen	200	0.246	1,023	9.836
30,000 lumen	200	0.246	1,023	9.835
50,000 lumen	400	0.480	1,997	10.822

Additional facilities, if needed will be billed at the time of installation.

**2. Applicable Riders**

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
~~Sheet No. 81, Rider EEP, Energy Efficiency Revolving Loan Program Rider~~  
 Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
 Sheet No. 86, Rider USR, Universal Service Fund Rider  
 Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
 Sheet No. 89, Rider BTR, Base Transmission Rider  
 Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
~~Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund~~  
 Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
 Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
 Sheet No. 111, Rider RC, Retail Capacity Rider  
 Sheet No. 112, Rider RE, Retail Energy Rider  
~~Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider~~  
 Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

**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.

Filed pursuant to an Order dated ~~May 1, 2013 in Case No. 12-1682-EL-AIR~~ in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

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At the Company's option, a longer contract may be required for large installations.

#### GENERAL CONDITIONS

1. In cases of repeated vandalism, the Company at its option will repair or remove its damaged equipment and the customer shall pay for repairs on a time and material basis, plus overhead charges. If the equipment is removed, the customer will be billed for the unexpired term of the contract.
2. If the customer requires the extension, relocation or rearrangement of the Company's system, the customer will pay, in addition to the monthly charge, the Company on a time and materials basis, plus overhead charges, for such extension, relocation or rearrangement unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for customer approval before work is carried out.
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 the end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

#### SERVICE REGULATIONS

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

Filed pursuant to an Order dated ~~May 1, 2013 in Case No. 12-1682-EL-AIR~~ in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

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## RATE NSU

### STREET LIGHTING SERVICE FOR NON-STANDARD UNITS

#### APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof, hereafter 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 December 2, 1983.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### 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 forty-eight (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.

	Lamp Watts	KW/Unit	Annual kWh	Distribution Energy & Equipment \$/Unit
1. Base Rate				
A. Company Owned				
1) Steel boulevard units and 15 and 30 ft. steel poles served underground				
a. 1,000 lumen incandescent	65	0.065	270	8.370
b. 4,000 lumen incandescent	295	0.295	1,227	13.744
c. 6,000 lumen incandescent	405	0.405	1,685	17.001
d. 50,000 lumen sodium vapor	400	0.471	1,959	12.284
2) Steel light units served overhead on Company owned pole				
a. 2,500 lumen incandescent	148	0.148	616	5.200
b. 6,000 lumen incandescent	405	0.405	1,685	1.542
c. 2,500 lumen mercury vapor	100	0.115	478	5.617

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

	Lamp Watts	KW/Unit	Annual kWh	Distribution Energy & Equipment \$/Unit
<b>B. Customer owned</b>				
1) Lighting system on steel poles served either overhead or underground with limited maintenance by Company	400	0.460	1,914	0.173
a. 21,000 lumen mercury vapor				
2) Fixtures mounted on Company owned pole served underground in conduit with limited maintenance by Company	400	0.460	1,914	13.676
a. 21,000 lumen mercury vapor (Two fixtures per pole)				
<b>2. Applicable Riders</b>				
The following riders are applicable pursuant to the specific terms contained within each rider:				
Sheet No. 70, Rider DR-IKE, Storm Recovery Rider				
Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider				
Sheet No. 83, Rider OET, Ohio Excise Tax Rider				
Sheet No. 86, Rider USR, Universal Service Fund Rider				
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider				
Sheet No. 89, Rider BTR, Base Transmission Rider				
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider				
Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider				
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider				
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Sheet No. 111, Rider RC, Retail Capacity Rider				
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Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider				
Sheet No. 125, Rider DSR, Distribution Storm Rider				
Sheet No. 126, Rider PSR, Price Stabilization Rider				

**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

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#### **TERM OF SERVICE**

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

#### **GENERAL CONDITIONS**

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

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

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

- (3) When a Company owned street lighting unit reaches the 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 Public Utilities Commission of Ohio, and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated May 1, 2013 in Case No. 12-1682-EL-AIR in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

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Issued by James P. Henning, President



Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 64.166  
Cancels and Supersedes  
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#### RATE NSP

#### PRIVATE OUTDOOR LIGHTING FOR NON-STANDARD UNITS

##### APPLICABILITY

Applicable to service for outdoor lighting on private property with Company owned overhead 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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

##### TYPE OF SERVICE

All equipment will be installed, owned and maintained by the Company on rights-of-way provided by the customer. The Company will perform maintenance only during regularly scheduled working hours and will endeavor to replace burned-out lamps within forty-eight (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.

##### NET MONTHLY BILL

###### 1. Private outdoor lighting units:

The following monthly charge for Town and Country fixtures installed, or for which customer has contracted with Company to install, prior to March 1, 1991 will be assessed:

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
9,500 lumen Sodium Vapor	100	0.117	487	11.834

The following monthly charge will be assessed for existing facilities, but this unit will not be available to new customers after March 2, 1972:

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
2,500 lumen Mercury, Open Refractor	100	0.115	478	9.315
2,500 lumen Mercury, Encl. Refractor	100	0.115	478	13.168

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**NET MONTHLY BILL (Contd.)**

2. Outdoor lighting units served in underground residential distribution areas:

The following monthly charge will be assessed for existing fixtures which include lamp and luminaire, controlled automatically, with an underground service wire not to exceed thirty-five (35) feet from the service point, but these units will not be available to new customers after March 1, 1991:

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
7,000 lumen Mercury, Mounted on a 17-foot Fiberglass Pole	175	0.205	853	16.806
7,000 lumen Mercury, Mounted on a 30-foot Wood Pole	175	0.205	853	15.131

3. Flood lighting units served in overhead distribution areas:

The following monthly charge will be assessed for each existing fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, with a span of wire not to exceed one hundred twenty (120) feet, but these units will not be available to new customers after June 1, 1982:

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
52,000 lumen Mercury (35-foot Wood Pole)	1,000	1.102	4,584	12.915

4. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider

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**NET MONTHLY BILL (Contd.)**

Sheet No. 112, Rider RE, Retail Energy Rider  
~~Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider~~  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
~~Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider~~  
~~Sheet No. 125, Rider DSR, Distribution Storm Rider~~  
~~Sheet No. 126, Rider PSR, Price Stabilization Rider~~

**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

**TERM OF SERVICE**

Three (3) years, terminable thereafter on ten (10) days written notice by either customer or Company.

**GENERAL CONDITIONS**

1. In cases of repeated vandalism, the Company at its option will repair or remove its damaged equipment 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 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.
3. When a lighting unit reaches the end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

**SERVICE REGULATIONS**

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

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## RATE SC

### STREET LIGHTING SERVICE - CUSTOMER OWNED

#### APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof, and incorporated homeowners 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.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

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 service will no longer be available for units installed after December 31, 2008.

#### 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 forty-eight (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 Watts	KW/Unit	Annual kWh	Distribution Energy & Equipment \$/Unit
1. Base Rate				
Fixture Description				
Standard Fixture				
(Cobra Head)				
Mercury Vapor				
21,000 lumen	400	0.430	1,788	0.385
Sodium Vapor				
9,500 lumen	100	0.117	487	1.500
16,000 lumen	150	0.171	711	1.500
22,000 lumen	200	0.228	948	1.500
27,500 lumen	250	0.318	1,323	0.750
50,000 lumen	400	0.471	1,959	0.882

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**NET MONTHLY BILL (Contd.)**

	Lamp Watts	KW/Unit	Annual kWh	Distribution Energy & Equipment \$/Unit
Decorative Fixtures				
Sodium Vapor				
16,000 lumen (Hadco)	150	0.171	711	1.937
22,000 lumen (Rectilinear)	200	0.246	1,023	1.250
50,000 lumen (Rectilinear)	400	0.471	1,959	1.018

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

<u>Pole Description</u>	<u>Pole Type</u>	<u>\$/ Pole</u>
Wood		
30 foot	W30	4.74
35 foot	W35	5.01
40 foot	W40	5.79
Aluminum		
12 foot	A12	12.70
28 foot	A28	7.05

**Customer Owned and Maintained Units**

The rate for energy used for this type street lighting will be shown 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.

Distribution \$0.005904 per kWh

**2. Applicable Riders**

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
~~Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider~~  
 Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
 Sheet No. 86, Rider USR, Universal Service Fund Rider  
 Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
 Sheet No. 89, Rider BTR, Base Transmission Rider  
 Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
~~Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider~~  
 Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
 Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider

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**NET MONTHLY BILL (Contd.)**

Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
~~Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider~~  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

**LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

**TERM OF SERVICE**

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

**GENERAL CONDITIONS**

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

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before work is carried out.

**GENERAL CONDITIONS (Contd.)**

- (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 Public Utilities Commission of Ohio, and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

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## RATE SE

### STREET LIGHTING SERVICE - OVERHEAD EQUIVALENT

#### APPLICABILITY

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

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

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 service will no longer be available for units installed after December 31, 2004.

#### 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 forty-eight (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 Watts	KW/Unit	Annual kWh	Distribution Energy & Equipment \$/Unit
1. Base Rate				
Fixture Description				
Decorative Fixtures				
<u>Mercury Vapor</u>				
7,000 lumen (Town & Country)	175	0.205	853	4.543
7,000 lumen (Holophane)	175	0.210	874	4.479
7,000 lumen (Gas Replica)	175	0.210	874	4.479
7,000 lumen (Aspen)	175	0.210	874	4.478

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

	Lamp Watts	KW/Unit	Annual kWh	Distribution Energy & Equipment \$/Unit
<u>Sodium Vapor</u>				
9,500 lumen (Town & Country)	100	0.117	487	7.305
9,500 lumen (Holophane)	100	0.128	532	7.169
9,500 lumen (Rectilinear)	100	0.117	487	7.309
9,500 lumen (Gas Replica)	100	0.128	532	7.170
9,500 lumen (Aspen)	200	0.246	1,023	7.642
22,000 lumen (Rectilinear)	400	0.471	1,959	9.628
50,000 lumen (Rectilinear)				
<u>Metal Halide</u>				
14,000 lumen (Town & Country)	175	0.205	853	4.543
14,000 lumen (Granville)	175	0.210	874	4.479
14,400 lumen (Rectangular Cutoff)	175	0.210	874	12.705
14,500 lumen (Gas Replica)	175	0.210	874	4.478
36,000 lumen (Low Profile)	400	0.455	1,893	10.953

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

2. Applicable Riders

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
~~Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider~~  
 Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
 Sheet No. 86, Rider USR, Universal Service Fund Rider  
 Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
 Sheet No. 89, Rider BTR, Base Transmission Rider  
 Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
~~Sheet No. 106, Rider DR-ECF, Economic Competitiveness Fund Rider~~  
 Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
 Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
 Sheet No. 111, Rider RC, Retail Capacity Rider  
 Sheet No. 112, Rider RE, Retail Energy Rider  
~~Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider~~  
 Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
 Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider  
Sheet No. 125, Rider DSR, Distribution Storm Rider

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Sheet No. 126, Rider PSR, Price Stabilization Rider

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#### **LATE PAYMENT CHARGE**

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

#### **TERM OF SERVICE**

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

#### **GENERAL CONDITIONS**

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

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

- (6) When a street lighting unit reaches the 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

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**GENERAL CONDITIONS (Cont'd)**

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 Public Utilities Commission of Ohio, and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

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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.

*For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.*

#### CONTRACT FOR SERVICE

The customer will enter into an Agreement for Electric Service for Outdoor Lighting for a minimum of one (1) year and renewable annually, automatically, thereafter.

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

#### LIGHTING HOURS

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

#### NET MONTHLY BILL

Computed in accordance with the following charge:

- |                           |                    |
|---------------------------|--------------------|
| 1. Base Rate Distribution | \$0.005905 per kWh |
|---------------------------|--------------------|

Filed pursuant to an Order dated May 1, 2013 in Case No. 12-1682-EL-AIR in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

Issued: May 2, 2013

Effective: May 6, 2013

Issued by James P. Henning, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 67.156  
Cancels and Supersedes  
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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. 70, Rider DR-IKE, Storm Recovery Rider  
Sheet No. 80, Rider SCR, Supplier Cost Reconciliation Rider  
~~Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider~~  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense – Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
~~Sheet No. 105, Rider DR-ECF, Economic Competitiveness Fund Rider~~  
Sheet No. 108, Rider UE-ED, Uncollectible Expense – Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
~~Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider~~  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
~~Sheet No. 124, Rider DCI, Distribution Capital Improvement Rider~~  
Sheet No. 125, Rider DSR, Distribution Storm Rider  
Sheet No. 126, Rider PSR, Price Stabilization Rider

### LATE PAYMENT CHARGE

Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable. The late payment charge is not applicable to unpaid account balances for services received from a Certified Supplier.

### 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.

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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 Public Utilities Commission of Ohio, and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

Filed pursuant to an Order dated May 1, 2013 in Case No. 12-1682-EL-AIR in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

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Sheet No. 74 21  
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**RIDER EEPF  
ELECTRICITY EMERGENCY PROCEDURES  
FOR  
LONG-TERM FUEL SHORTAGES**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

**APPLICABILITY**

~~Applicable in the entire territory where tariff P.U.C.O. Electric No. 19 applies in the event of a long-term fuel shortage for electric generation, whereby Duke Energy Ohio and consumers of electric energy supplied by Duke Energy Ohio shall take actions set forth herein, except where the Public Utilities Commission of Ohio (PUCO) 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 Duke Energy Ohio. The procedures set forth the actions to be taken by Duke Energy Ohio and consumers of electric energy in the event of a long-term fuel shortage for electric generation jeopardizing electric service to Duke Energy Ohio's customers. These procedures may be superseded by the Rules of the Public Utilities Commission of Ohio (PUCO) if the Governor of the State of Ohio declares an energy emergency and, by executive order, designates which rule or rules of Chapter 4901:5-19 of the Ohio Administrative Code are to be implemented and enforced. In such event, Duke Energy Ohio and its customers must comply with the PUCO rules (included as the Supplement), except where the provisions herein are more restrictive.~~

**I. DEFINITIONS**

~~For purposes of this procedure, Duke Energy Ohio 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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8. ~~Water supply and pumping facilities;~~

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**DEFINITIONS (Contd.)**

- ~~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 Public Utilities Commission of Ohio (hereinafter "PUCO").~~
- ~~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 Duke Energy Ohio.~~
- ~~D. "normal burn days" shall mean the number of days of Duke Energy Ohio's coal supply available to serve the portion of the sum of Duke Energy Ohio's estimated normal load plus firm sales which will not be provided by firm purchases or by its non-coal generating sources. The methodology for the calculation of normal burn days is contained herein as Section VI.~~
- ~~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.~~
- ~~Duke Energy Ohio encourages consumers who have electric priority uses to implement the actions required herein to the extent reasonably possible. Consumers who have electric priority uses or have critical equipment or processes should consider the installation of emergency generation equipment if continuity of service is essential.~~

Issued pursuant to an Order dated ~~March 29, 2006~~ in Case No. ~~06-407 GE-ATA~~ in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

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## ~~II. LONG-TERM FUEL SHORTAGE~~

~~A. Upon the commencement of a coal miner's strike, officially declared or otherwise, or other happening which could cause a long term fuel shortage, Duke Energy Ohio shall:~~

- ~~1. notify the PUCO of the potential fuel supply shortage;~~
- ~~2. curtail non essential use of energy on premises controlled by Duke Energy Ohio 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;~~
- ~~3. request authorization from the proper authorities to curtail use of pollution control facilities; and~~
- ~~4. request authorization from the proper authorities to burn non conforming coal in order to minimize the depletion of coal supplies.~~
- ~~5. apply to the PUCO for a waiver of the economic dispatch provisions of Chapter 4901.1-11, Ohio Administrative Code, to become effective when Duke Energy Ohio's normal burn days reach sixty (60) days, enabling Duke Energy Ohio to minimize depletion of coal supplies by purchasing additional power, utilizing alternate fuels and selective loading of generating units.~~

~~B. Voluntary Curtailment:~~

- ~~1. When Duke Energy Ohio's normal burn days reach forty (40) days, Duke Energy Ohio shall request voluntary conservation by all consumers of at least 25% of all non-priority use of electricity.~~
- ~~2. Duke Energy Ohio 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. Duke Energy Ohio, through the issuing of periodic bulletins to the news media, shall inform the general public of:~~

~~(a) The Duke Energy Ohio coal supply level, based on Section VI herein, 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; and~~

~~(c) The procedures to be followed by consumers wishing to substantiate a claim for "electric priority uses."~~

~~C. Mandatory Curtailment - Stage One:~~

~~1. When Duke Energy Ohio's normal burn days reach 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 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. When Duke Energy Ohio's normal burn days reach 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. Duke Energy Ohio shall inform consumers of the days that non-priority use shall be discontinued. Consumers shall not increase non-priority uses above mandatory stage one level during other days of the week.~~

~~E. Mandatory Curtailment Stage Three:~~

~~1. When Duke Energy Ohio's normal burn days reach 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. Duke Energy Ohio shall inform consumers of the days that non-priority use shall be discontinued. Consumers shall not increase non-priority use above mandatory stage two levels during other days of the week.~~

~~F. Mandatory Curtailment Stage Four:~~

~~1. When Duke Energy Ohio's normal burn days reach fifteen (15) days, all consumers shall discontinue all non-priority use of electricity on all days of each week.~~

~~III. Duke Energy Ohio shall take such measures in connection with its facilities as are necessary and reasonable for the implementation of these procedures.~~

~~Where the integrity of Duke Energy Ohio's electric system is in jeopardy, Duke Energy Ohio may take additional measures it deems appropriate, such as voltage reduction up to 5% and interruption of selected distribution circuits on a rotational basis.~~

~~IV. The mandatory curtailment stages set forth in this tariff are also included in Chapter 4901:5-19 of the Ohio Administrative Code, which provides that the governor, by executive order, may require curtailment of electric use by Duke Energy Ohio's consumers based on "statewide normal burn days." Such an order may require Duke Energy Ohio's consumers to curtail electric energy usage prior to the time such curtailment would have been required under the preceding Section II, Requirements B thru F.~~

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#### ~~V. PENALTIES~~

~~A. Failure of a consumer to comply with Duke Energy Ohio's mandatory curtailment stages may subject that consumer's electric service to disconnection by Duke Energy Ohio. Where Duke Energy Ohio discovers that a consumer has exceeded its directed usage limitation by more than 15% in a 30-day period, Duke Energy Ohio shall notify the PUCO that on the third working day after said discovery, it shall disconnect electric service to such consumer until the fuel supply emergency is relieved.~~

~~B. Penalties for failure to comply with rules of Chapter 4901-5-19 of the Ohio Administrative Code, when invoked by the governor, are:  
4901-5-19-06 Penalties~~

~~Whoever fails to comply with the requirements of this Chapter is guilty of~~

~~(A) a minor misdemeanor on a first offense, and~~

~~(B) a misdemeanor of the first degree~~

~~(1) upon subsequent offenses, or~~

~~(2) if the violation was purposely committed.~~

#### ~~VI. METHODOLOGY FOR THE CALCULATION OF NORMAL BURN DAYS~~

~~Assumptions~~

~~Energy Forecast~~

~~Project normal consumption for predicted weather conditions.~~

~~For example, if the current weather was cooler or warmer than normal, the load forecast should have to be adjusted to reflect the impact of the temperature sensitive load.~~

~~Consumer conservation in response to curtailment measures is not counted in the calculation of normal burn days. Neither mandatory nor voluntary conservation is considered when preparing energy forecast. "Normal" consumption patterns are assumed to project total available coal supply.~~

~~Power Exchange~~

~~Purchased power is assumed to be unavailable or uncertain in the crisis period and is excluded for normal burn day calculations.~~

~~"Purchased power" means power being purchased from other systems on a day-to-day basis. Firm or contracted power/energy sales are included in normal burn day calculations. The seller who has contracted to provide a particular level of service treats this long-term commitment (one week or longer) as part of his load. The buyer who has contracted for service reduces the load he must serve by this amount. In short, all commitments are assumed to be met.~~

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**VI. METHODOLOGY FOR THE CALCULATION OF NORMAL BURN DAYS (Contd.)**

~~Economy and emergency purchases are not considered in calculations.~~

~~Generation from Non-Coal Fuels~~

~~Figure in only anticipated MWH on non-coal generation. Only the expected use of non-coal-fired units should be considered. The schedule outage time of units should be considered as well as the operating unit constraints.~~

~~Unit Outages~~

~~Count coal as it is anticipated that coal will be available to operate generating units.~~

~~If a single unit plant is expected to be out of service for the duration of the shortage, that coal cannot be considered as part of the utility's usable coal supply.~~

~~If one or more units of a multi-unit plant are out of service, that coal is considered to be part of the coal supply of the units which are in service.~~

~~The number that is being developed is coal available for burning; i.e., expected burn days for that plant. Coal which cannot be recovered should not be considered.~~

~~Jointly Owned Units~~

~~Use Duke Energy Ohio's share of the coal pile at jointly owned plants and Duke Energy Ohio's share of the generation of the jointly owned units in preparing burn day estimates.~~

~~Efficiency of Coal Burn~~

~~Assume current burn efficiency (Tons/MWH).~~

~~Formula for the Calculation of Utility Burn Days~~

~~Utility system forecast (MWH)<sup>1</sup>~~  
~~plus Firm sale commitments (MWH)~~  
~~minus Firm purchase commitments (MWH)~~  
~~minus Anticipated MWH production from non-coal sources~~

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**VI. METHODOLOGY FOR THE CALCULATION OF NORMAL BURN DAYS**

\_\_\_\_\_ equals Coal-fired requirement (MWH/monthly)\*

\_\_\_\_\_ Coal-fired requirement X Average burn rate = Daily Requirement  
\_\_\_\_\_ (MWH/Day) \_\_\_\_\_ (tons/MWH) \_\_\_\_\_ (tons/day)

\_\_\_\_\_ Utility Coal pile available (tons) Daily requirement (tons/day) = Utility Normal Burn Days

\_\_\_\_\_ (1) Normal weather adjusted for the month.  
\_\_\_\_\_ \* Monthly or weekly data is converted into daily data.

\_\_\_\_\_ Stepwise Calculation of Normal Burn Days.

\_\_\_\_\_ Step 1 Forecast for successive future months the MWH to be provided from company  
\_\_\_\_\_ coal-fired generation. This is equal to: (a) company load plus (+) (b) firm sales  
\_\_\_\_\_ minus (-) (c) firm purchases minus (-) (d) MWH provided from company non-coal  
\_\_\_\_\_ generation.

\_\_\_\_\_ Step 2 Convert the MWH to be provided from company coal-fired generation (Step 1) into  
\_\_\_\_\_ tons of coal using an average burn rate.

\_\_\_\_\_ Step 3 Determine the tons of coal available at the start of the forecast period and at the  
\_\_\_\_\_ end of successive months using the data from Step 2.

\_\_\_\_\_ Step 4 Determine from Step 3 the number of days it would take to exhaust the coal  
\_\_\_\_\_ supply.  
\_\_\_\_\_ Such number of days is the number of Normal Burn Days.

\_\_\_\_\_ Step 5 Divide the tons of coal available at the start of the period by the Normal Burn  
\_\_\_\_\_ Days to obtain the daily requirement (tons/day).

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**RIDER EER**

**ENERGY EFFICIENCY REVOLVING LOAN PROGRAM RIDER**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

**APPLICABILITY**

~~The Energy Efficiency Revolving Loan Program was established by the Ohio Amended Substitute Senate Bill No. 3. This Rider is applicable to all jurisdictional retail customers, including interdepartmental sales, in the Company's electric service area. This rider shall remain in effect no later than December 31, 2010.~~

**CHARGE**

~~The amount to be charged beginning February 1, 2006 shall be \$0.09 per customer per month.~~

~~Filed pursuant to an Order dated March 29, 2006 in Case No. 06-407 GE-ATA in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.~~

~~Issued: March 31, 2006~~

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~~Issued by James P. Henning Sandra P. Meyer, President~~

Duke Energy Ohio  
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**RIDER DR-ECF**

**ECONOMIC COMPETITIVENESS FUND RIDER**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

~~Rider DR-ECF is applicable to all retail jurisdictional customers in the Company's electric service territory.~~

~~The DR-ECF rate to be applied to all customer bills beginning with the April 2013 revenue month is \$0.000332 per kilowatt hour.~~

~~Filed pursuant to an Order dated December 14, 2011 in Case No. 11-6001-EL-RDR in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.~~

~~Issued: February 28, 2013~~

~~Effective: April 2, 2013~~

~~Issued by James P. Henning, President~~

Duke Energy Ohio  
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**RIDER DR-SAWR**

**ENERGY EFFICIENCY RECOVERY RATE**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

~~The DR-SAWR rate shall be determined in accordance with the provisions of Rider DR-SAWR, Energy Efficiency Cost Recovery Rider, Sheet No. 107 of this Tariff.~~

~~The DR-SAWR to be applied to residential customer bills beginning with the January 2014 revenue month is \$0.000000 per kilowatt-hour.~~

~~The DR-SAWR to be applied to non-residential service customer bills, including transmission service customers participating in SAW programs, beginning with the January 2014 revenue month for distribution service is \$0.000000 per kilowatt-hour.~~

~~The DR-SAWR to be applied to transmission service customer bills, not participating in SAW programs, beginning with the January 2014 revenue month is \$0.000000 per kilowatt-hour.~~

~~Issued by authority of an Order by the Public Utilities Commission of Ohio dated December 19, 2012 in Case No. 12-1857-EL-RDR in Case No. 14-841-EL-SSO.~~

~~Issued: December 20, 2013~~

~~Effective: January 2, 2014~~

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139 East Fourth Street  
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Sheet No. 107.24  
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**RIDER DR-SAW**

**ENERGY EFFICIENCY COST RECOVERY RIDER**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

**APPLICABILITY**

Applicable to service rendered under the provisions of Rates RS, ORH, TD-AM, TD, RS3P, RSLI, TD-CPP-LITE, and TD-LITE (residential class) and Rates DS, DM, DP, TS, EH, GS-FL, SFL, ADPL, RTP and CUR (non-residential class). A mercantile customer, whose total annual usage in the Company's certified service territory exceeds 700,000 kWh or who is part of a national account involving multiple locations, may be exempt from this tariff by complying with the Commission's rules regarding exemption. The customer must provide written notification which will list all of their accounts to be exempted from this tariff. Customers electing to be exempted from the program will not be credited for any periods previously billed.

**CHARGES**

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

DR-SAW (residential) =

$$\frac{ACDRC + ACCOE + ACCOC + LM + TUA}{S_{\text{residential}}}, \text{ as assigned to the residential class of customers}$$

DR-SAW (non-residential) =

$$\frac{ACDRC + ACCOE + ACCOC + LM + TUA}{S_{\text{non-residential}}}, \text{ as assigned to the non-residential class of customers}$$

Where:

- DR-SAW = Energy Efficiency Adjustment Amount
- ACDRC = Avoided Cost of Capacity for Demand Response Revenue Requirement
- ACCOE = Avoided Cost of Energy for Conservation Revenue Requirement
- ACCOC = Avoided Cost of Capacity for Conservation Revenue Requirement
- LM = Lost Margins
- TUA = True-up Adjustment to be included in the fourth year of the rider only
- S = Projected kWh Sales for the Rider Period for the class (residential or non-residential) of Ohio retail customers

DR-SAW is calculated for a 12 month period, referred to as the Rider Period.

DR-SAW will be grossed up for applicable revenue-related taxes.

Non-residential Rider DR-SAW recovery shall be allocated 1% to transmission service customers.

A transmission service customer that participates in the save-a-watt program will be charged the full Rider DR-SAW non-residential rate.

Filed pursuant to an Order dated December 17, 2008 in Case No. 08-920-EL-SSO in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

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**CHARGES (Continued)**

$$ACDRG = PDRG \times ACC \times X\%$$

Where:

- \_\_\_\_\_ PDRG \_\_\_\_\_ = Projected Demand impacts for the measure/program for the vintage applicable to the Rider Period
- \_\_\_\_\_ ACC \_\_\_\_\_ = Annual Avoided Capacity Market-Based Rate, in \$/year for the year of the Rider Period
- \_\_\_\_\_ X% \_\_\_\_\_ = Percentage of avoided costs for demand response to be collected through the rider

ACCOE = (NPV at the after-tax weighted average cost of capital of (PCOE x ACE) for each year for the life of the measure/program) x Y%

Where:

- \_\_\_\_\_ PCOE \_\_\_\_\_ = Projected Energy impacts for the measure/program by year for the life of the measure/program for the vintage applicable to the Rider Period
- \_\_\_\_\_ ACE \_\_\_\_\_ = Marginal energy cost rate by year for the life of the measure/program from the IRP analysis
- \_\_\_\_\_ Y% \_\_\_\_\_ = Percentage of avoided costs for conservation to be collected through the rider

ACCOG = (NPV at the after-tax weighted average cost of capital of (PCOG x ACC) for each year for the life of the measure/program) x Y%

Where:

- \_\_\_\_\_ PCOG \_\_\_\_\_ = Projected Demand impacts for the measure/program by year for the life of the measure/program for the vintage applicable to the Rider Period
- \_\_\_\_\_ ACC \_\_\_\_\_ = Annual Avoided Capacity Market-Based Rate, in \$/year by year for the life of the measure/program escalated at Z.ZZ% per year
- \_\_\_\_\_ Y% \_\_\_\_\_ = Percentage of avoided costs for conservation to be collected through the rider

$$LM = PLME \times LMR$$

Where:

- \_\_\_\_\_ PLME \_\_\_\_\_ = Projected Energy impacts for all measures/programs for the vintage applicable to the Rider Period
- \_\_\_\_\_ LMR \_\_\_\_\_ = Average Retail \$/kWh excluding fuel and generation-related charges

In the fourth Rider Period, a true-up amount will be included in the Rider DR-SAW rate as follows:

$$TUA = ACT + LMT + ECT$$

Where:

- \_\_\_\_\_ ACT \_\_\_\_\_ = Avoided Cost True-up
- \_\_\_\_\_ LMT \_\_\_\_\_ = Lost Margins True-up
- \_\_\_\_\_ ECT \_\_\_\_\_ = Earnings Cap True-up

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**CHARGES (Continued)**

$$ACT = ADRCT + ACOET + ACOGT$$

Where:

- ADRCT = Avoided Demand Response Capacity True-up
- ACOET = Avoided Conservation Energy True-up
- ACOGT = Avoided Conservation Capacity True-up

$$ADRCT = (\text{Year 1}((ADRC - PDRC) \times ACC) + \text{Year 2}((ADRC - PDRC) \times ACC) + \text{Year 3}((ADRC - PDRC) \times ACC)) \times X\%$$

Where:

- ADRC = Actual Demand impacts for the measure/program for each vintage year
- PDRC = Projected Demand impacts for the measure/program for each vintage year as used in the Rider DR SAW calculation for each year
- ACC = Annual Avoided Capacity Market Based Rate, in \$/year for the each vintage year as used in the Rider DR SAW calculation each year
- X% = Percentage of avoided costs for demand response collected through the rider

$$ACOET = (\text{NPV at the after-tax weighted average cost of capital of (Year 1}((ACOE - PCOE) \times ACE) \text{ for each year for the life of the measure/program) + (NPV at the after-tax weighted average cost of capital of (Year 2}((ACOE - PCOE) \times ACE) \text{ for each year for the life of the measure/program) + (NPV at the after-tax weighted average cost of capital of (Year 3}((ACOE - PCOE) \times ACE) \text{ for each year for the life of the measure/program) \times Y\%$$

Where:

- ACOE = Actual Energy impacts for the measure/program by year for the life of the measure/program for years 1-3 and projected Energy impacts for the measure/program for the remaining years of the life of the measure/program by vintage year
- PCOE = Projected Energy impacts for the measure/program by year for the life of the measure/program for each vintage as used in the Rider DR SAW calculation each year
- ACE = Marginal energy cost rate by year for the life of the measure/program from the IRP analysis as used in the Rider DR SAW calculation each year
- Y% = Percentage of avoided costs for conservation collected through the rider

$$ACOGT = (\text{NPV at the after-tax weighted average cost of capital of (Year 1}((ACOG - PCOG) \times ACC) \text{ for each year for the life of the measure/program) + (NPV at the after-tax weighted average cost of capital of (Year 2}((ACOG - PCOG) \times ACC) \text{ for each year for the life of the measure/program) + (NPV at the after-tax weighted average cost of capital of (Year 3}((ACOG - PCOG) \times ACC) \text{ for each year for the life of the measure/program) \times Y\%$$

Where:

- ACOG = Actual Demand impacts for the measure/program by year for the life of the measure/program for years 1-3 and projected Demand impacts for the

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\_\_\_\_\_ measure/program for the remaining years in the life of the measure/program by-  
\_\_\_\_\_ vintage year

**CHARGES (Continued)**

\_\_\_\_\_ PCOC = Projected Demand impacts for the measure/program by year for the life of the  
\_\_\_\_\_ measure/program for the vintage as used in the Rider DR SAW calculation each  
\_\_\_\_\_ year

\_\_\_\_\_ ACC = Annual Avoided Capacity Market-Based Rate in \$/year by year for the life of the  
\_\_\_\_\_ measure/program escalated at Z.ZZ% per year as used in the Rider DR SAW  
\_\_\_\_\_ calculation each year

\_\_\_\_\_ Y% = Percentage of avoided costs for conservation to be collected through the rider

$LMT = Year\ 1(ALME - PLME) \times LMR + Year\ 2(ALME - PLME) \times LMR + Year\ 3(ALME - PLME) \times LMR$

Where:

\_\_\_\_\_ ALME = Actual Energy impacts for all measures/programs for the vintage

\_\_\_\_\_ PLME = Projected Energy impacts for all measures/programs for the vintage as used in  
\_\_\_\_\_ the Rider DR SAW calculation each year

\_\_\_\_\_ LMR = Average Retail \$/kWh excluding fuel and generation related charges as used in  
\_\_\_\_\_ the Rider DR SAW calculation each year

$ECT = NIC \text{ minus (Greater of NIC or CNI) grossed up for applicable income and revenue related taxes}$

Where:

\_\_\_\_\_ NIC = Net Income Cap

\_\_\_\_\_ CNI = Calculated Net Income

$NIC = ROIP \times APC$

Where:

\_\_\_\_\_ ROIP = Return on Investment Cap Percentage

\_\_\_\_\_ APC = Actual Program Costs for the Years 1-3

ROIP is derived from the following table:

Percentage of Mandate Achieved	Cumulative Return on Investment Cap Percentage (ROIP)
> 125%	15%
116% to 125%	13%
111% to 115%	11%
100% to 110%	6%
< 100%	0%

$AACS = (\text{Sum of Years 1-3 (ACDRC + ACCOE + ACCOC)}) + ACT$

Where:

\_\_\_\_\_ AACS = Actual Avoided Cost Savings

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**CHARGES (Continued)**

~~GNI = AACS grossed up for applicable revenue related taxes — Sum Years 1-3 APC — RRT — IT~~

~~Where:~~

~~— RRT — = Revenue related taxes calculated as the appropriate revenue related tax rate x~~

~~— AACS~~

~~— IT — = Income taxes calculated as the appropriate composite income tax rate x (AACS~~

~~— Sum Years 1-3 APC — RRT)~~

**DEMAND RATCHETS**

~~Customer served under the provisions of Rate DS or Rate DP may be eligible to have their billing demand re-determined in recognition of a permanent change in load due to the installation of load control equipment or other measures taken by the customer to permanently reduce the customer's demand.~~

**SERVICE REGULATIONS**

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

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**RIDER RC**

**RETAIL CAPACITY RIDER**

**APPLICABILITY**

Applicable to all retail jurisdictional customers in the Company's electric service territory who receive electric generation service from the Company under the Standard Service Offer (SSO). Rider RC does not apply to customers taking generation service from a Competitive Retail Electric Service provider.

**DESCRIPTION**

For the term of the Electric Security Plan approved in Case No. ~~11-3549-EL-SSO~~, Rider RC rates will be calculated based on the wholesale Final Zonal Capacity Price (FZCP) associated with the annual auctions conducted by PJM Interconnection, LLC. The wholesale FZCP for the period in which Rider RC rates are effective will be converted into retail rates using the methodology provided for in the Stipulation approved by the Commission in Case No. ~~11-3549-EL-SSO~~. Rider RC rates will be established for three periods: ~~June~~January 1, 2015~~2~~, through May 31, 201~~6~~3; June 1, 201~~3~~6, through May 31, 201~~7~~4; and June 1, 201~~7~~4, through May 31, 201~~8~~6. The Company will make a filing with the Commission proposing Rider RC rates for each rate-effective period within thirty days after the Commission approves the auction results that fulfill the SSO obligation for all 100 tranches during the rate-effective period.

**CHARGES**

For the billing months of June 20135 through May 20146, the following Rider RC rates apply:

<u>Tariff Sheet</u>	<u>RC Charge</u> <u>(per kWh/kW)</u>
Rates RS, RS3P, RSLI, Residential Service	
Summer, First 1000 kWh	\$0.002861
Summer, Additional kWh	\$0.003802
Winter, First 1000 kWh	\$0.002861
Winter, Additional kWh	\$0.000660
Rate ORH, Optional Residential Service With Electric Space Heating	

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Summer, First 1000 kWh	\$0.002608
Summer, Additional kWh	\$0.003274
Summer, kWh greater than 150-times demand	\$0.003274
Winter, First 15000 kWh per kW	\$0.002608
Winter, Additional kWh	\$0.000990
<u>Rate TD-13, Optional Time-of-Day Rate For Residential Service With Advance Metering</u>	
Summer, On Peak	\$0.017185
Winter, On Peak	\$0.017184
Off Peak	\$0.002145
<u>Rate TD, Optional Time-of-Day Rate</u>	
Summer, On-Peak kWh	\$0.006947
Summer, Off-Peak kWh	\$0.000381
Winter, On-Peak kWh	\$0.005303
Winter, Off-Peak kWh	\$0.000382
<u>Rate CUR, Common Use Residential Service</u>	
Summer	\$0.003009
Winter, First 1000 kWh	\$0.003009
Winter, Additional kWh	\$0.00072
Winter, kWh greater than 150-times demand	\$0.000339
<u>Rate TD-AM, Time of Day Rate For Residential Service With Advance Metering</u>	
Summer, On Peak	\$0.004910
Summer, Off Peak	\$0.001449
Summer, Shoulder	\$0.003821
Winter, On Peak	\$0.004104
Winter, Off Peak	\$0.001393
Winter, Shoulder	\$0.002168

**CHARGES (Continued.)**

<u>Tariff Sheet</u>	<u>RG Charge</u> (per kWh/kW)
---------------------	----------------------------------

Rate TD-2012-BASE, Optional Time of Day Rate For Residential Service With Advance Metering

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Summer, On Peak	\$0.007648
Winter, On Peak	\$0.006132
Off Peak	\$0.002313
<del>Rate TD 2012 PLUS, Optional Time of Day Rate For Residential Service With Advance Metering</del>	
Summer, On Peak	\$0.010708
Winter, On Peak	\$0.008585
Off Peak	\$0.002033
<del>Rate TD 2012 MAX, Optional Time of Day Rate For Residential Service With Advance Metering</del>	
Summer, On Peak	\$0.013767
Winter, On Peak	\$0.011038
Off Peak	\$0.001752
<del>Rate TD 13, Optional Time of Day Rate For Residential Service With Advance Metering</del>	
Summer, On Peak	\$0.017185
Winter, On Peak	\$0.017184
Off Peak	\$0.002146
<del>Rate TD, Optional Time of Day Rate</del>	
Summer, On Peak kWh	\$0.006947
Summer, Off Peak kWh	\$0.000381
Winter, On Peak kWh	\$0.005303
Winter, Off Peak kWh	\$0.000382
<del>Rate CUR, Common Use Residential Service</del>	
Summer, First 1000 kWh	\$0.003009
Summer, Additional kWh	\$0.003988
Winter, First 1000 kWh	\$0.003009
Winter, Additional kWh	\$0.00072
<del>Rate TD GPP LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering</del>	
Summer, On Peak	\$0.010172
Summer, Off Peak	\$0.002007
Summer, Critical Peak	\$0.015315
Winter, On Peak	\$0.006044
Winter, Off Peak	\$0.001816
Spring/Fall, Off Peak	\$0.001816

**CHARGES (Continued)**

Tariff Sheet

RC Charge  
(per kWh/kW)

~~Rate TD LITE, Optional Time of Day Rate For Residential Service~~

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~~With Advance Metering~~

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Summer, On-Peak	\$0.011797
Summer, Off-Peak	\$0.001551
Winter, On-Peak	\$0.009946
Winter, Off-Peak	\$0.001265
Spring/Fall, Off-Peak	\$0.001265
Rate DS, Service at Secondary Distribution Voltage	
First 150 kWh per kWFirst 1000 kW	\$0.5517
Next 150 kWh per kWAdditional kW	\$0.4364
Next 150 kWh per kWBilling-Demand Times 300	\$0.001261
Additional kWh	\$0.000382
Rate GS-FL, Optional Unmetered For Small Fixed Loads	
kWh Greater Than or Equal to 540 Hours	\$0.002715
kWh Less Than 540 Hours	\$0.003149
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads	
Attached Directly to Company's Power Lines	
All kWh	\$0.002715
Rate EH, Optional Rate For Electric Space Heating	
All kWh	\$0.003303
Rate DM, Secondary Distribution Service, Small	
Summer, First 2800 kWh	\$0.003843
Summer, Next 3200 kWh	\$0.000457
Summer, Additional kWh	-\$0.000133
Winter, First 32800 kWh	\$0.002914
Winter, Next 3200 kWh	\$0.000457
Winter, Additional kWh	-\$0.000157
Rate DP, Service at Primary Distribution Voltage	
First 150 kWh per kWFirst 1000 kW	\$0.4929
Next 150 kWh per kWAdditional kW	\$0.3888
Next 150 kWh per kWBilling-Demand Times 300	\$0.001271
Additional kWh	\$0.000478
Rate TS, Service at Transmission Voltage	
First 150 kWh per kWFirst 50,000 kVA	\$0.6027
Next 150 kWh per kWAdditional kVA	\$0.4345
Next 150 kWh per kWBilling-Demand Times 300	\$0.000642
Additional kWh	\$0.000389
Rate TL, Street Lighting Service	
All kWh	\$0.001794
Rate SL, Traffic Lighting Service	
All kWh	\$0.003729
Rate OL, Outdoor Lighting Service	
All kWh	\$0.003729
Rate NSU, Street Lighting Service for Non-Standard Units	
All kWh	\$0.003729
Rate NSP, Private Outdoor Lighting for Non-Standard Units	
All kWh	\$0.003729
Rate SE, Street Lighting Service - Overhead Equivalent	
All kWh	\$0.003729
Rate SC, Street Lighting Service - Customer Owned	
Energy Only - All kWh	\$0.000025
Units - All kWh	\$0.003729

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<u>Rate UOLS, Unmetered Outdoor Lighting Electric Service</u>	
<u>All kWh</u>	<u>\$0.000110</u>

**CHARGES (Continued)**

<u>Tariff Sheet</u>	<u>RC Charge</u> (per kWh/kW)
Rate NSU, Street Lighting Service for Non-Standard Units	
All kWh	\$0.003729
Rate NSP, Private Outdoor Lighting for Non-Standard Units	
All kWh	\$0.003729
Rate SE, Street Lighting Service—Overhead Equivalent	
All kWh	\$0.003729
Rate SC, Street Lighting Service—Customer Owned	
Energy Only—All kWh	\$0.000025
Units—All kWh	\$0.003729
Rate UOLS, Unmetered Outdoor Lighting Electric Service	
All kWh	\$0.000110

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## RIDER RE

### RETAIL ENERGY RIDER

#### APPLICABILITY

Applicable to all retail jurisdictional customers in the Company's electric service territory who receive electric generation service from the Company under the Standard Service Offer (SSO). Rider RE does not apply to customers taking generation service from a Competitive Retail Electric Service provider.

#### DESCRIPTION

Rider RE recovers costs related to the provision of electric energy (kWh) in the Duke Energy Ohio service territory, as determined through the competitive bid process (SSO Auction). For the purpose of deriving Rider RE rates from the overall SSO Auction results, the costs of capacity included in the price of the SSO Auction result will be deducted from the overall price of the SSO Auction approved by the Commission for delivery during the rate-effective year. The average cost of capacity on a 'per kWh' basis will be calculated by multiplying the Company's PJM Interconnection, LLC (PJM) reliability obligation as set forth in the terms of the PJM Reliability Assurance Agreement for the SSO Auction delivery period by the Final Zonal Capacity Price(s) for the delivery period and dividing by projected kWh sales for the delivery period. The average retail energy price on a per kWh basis, before distribution losses, will be calculated by subtracting the average cost of capacity from the Commission-approved SSO Auction price for the applicable rate-effective period.

Rider RE rates will be determined for all classes by applying distribution losses, except for Rate TS. For existing rate schedules with seasonal rates, RS, RS3P, CUR, ORH, TD, CUR, and DM, the average Rider RE rate for these classes will equal the Rider RE rate for all other classes; however, Rider RE will be allocated to each rate block within these rate classes based on the actual level of base generation revenue (including fuel) associated with all kWh sales in each rate block using the most recent twelve month period for which data is available.

#### CHARGES

The charge for each respective electric service rate schedule is:

Tariff Sheet	RE Charge (per kWh)
Rates RS, RSLI, & RS3P, Residential Service	
Summer, First 1000 kWh	\$0.056709
Summer, Additional kWh	\$0.067472
Winter, First 1000 kWh	\$0.056709
Winter, Additional kWh	\$0.031523
Rate ORH, Optional Residential Service with Electric Space Heating	
Summer	\$0.053815
Winter, First 150 kWh per kW	\$0.053813
Winter, Additional kWh	\$0.035295

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**CHARGES (Continued)**

Tariff Sheet	RE Charge (per kWh)
<del>Rate ORH, Optional Residential Service with Electric Space Heating</del>	
<del>Summer, First 1000 kWh</del>	<del>\$0.053815</del>
<del>Summer, Additional kWh</del>	<del>\$0.061431</del>
<del>Summer, kWh greater than 150 times demand</del>	<del>\$0.061431</del>
<del>Winter, First 1000 kWh</del>	<del>\$0.053813</del>
<del>Winter, Additional kWh</del>	<del>\$0.036296</del>
<del>Winter, kWh greater than 150 times demand</del>	<del>\$0.027861</del>
<del>Rate TD-AM, Time of Day Rate For Residential Service</del>	
<del>With Advance Metering</del>	
<del>Summer, On Peak</del>	<del>\$0.095292</del>
<del>Summer, Off Peak</del>	<del>\$0.028111</del>
<del>Summer, Shoulder</del>	<del>\$0.074153</del>
<del>Winter, On Peak</del>	<del>\$0.083321</del>
<del>Winter, Off Peak</del>	<del>\$0.028276</del>
<del>Winter, Shoulder</del>	<del>\$0.044017</del>
<del>Rate TD-2012-BASE, Optional Time of Day Rate For Residential Service With Advance Metering</del>	

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Summer, On Peak	\$0.147444
Winter, On Peak	\$0.130162
Off Peak	\$0.046307
<del>Rate TD 2012 PLUS, Optional Time of Day Rate For Residential Service With Advance Metering</del>	
Summer, On Peak	\$0.206421
Winter, On Peak	\$0.182226
Off Peak	\$0.040694
<del>Rate TD 2012 MAX, Optional Time of Day Rate For Residential Service With Advance Metering</del>	
Summer, On Peak	\$0.265389
Winter, On Peak	\$0.234281
Off Peak	\$0.036081
Rate TD-13, Optional Time-of-Day Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.340753
Winter, On Peak	\$0.340777
Off Peak	\$0.042532
Rate TD, Optional Time-of-Day Rate	
Summer, On-Peak kWh	\$0.103462
Summer, Off-Peak kWh	\$0.028334
Winter, On-Peak kWh	\$0.084648
Winter, Off-Peak kWh	\$0.028339
<u>Rate CUR, Common Use Residential Service</u>	
Summer	\$0.058404
Winter, First 1000 kWh	\$0.058404
Winter, Additional kWh	\$0.032209
<u>Rate DS, Service at Secondary Distribution Voltage</u>	\$0.054600
<u>Rate EH, Optional Rate for Electric Space Heating</u>	\$0.054600
<u>Rate DM, Secondary Distribution Service, Small</u>	\$0.066796
Summer	
Winter, First 3200 kWh	
Winter, Additional kWh	\$0.019240
<u>Rate DP, Service at Primary Distribution Voltage</u>	\$0.054600
<u>Rate GS-FL, Optional Unmetered For Small Fixed Loads</u>	\$0.054600
<u>Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines</u>	\$0.054600
<u>Rate TS, Service at Transmission Voltage</u>	\$0.052727
<u>Rate SL, Street Lighting Service</u>	\$0.054600
<u>Rate TL, Traffic Lighting Service</u>	\$0.054600
<u>Rate OL, Outdoor Lighting Service</u>	\$0.054600
<u>Rate NSU, Street Lighting Service for Non-Standard Units</u>	\$0.054600
<u>Rate NSP, Private Outdoor Lighting for Non-Standard Units</u>	\$0.054600
<u>Rate SC, Street Lighting Service - Customer Owned</u>	\$0.054600
<u>Rate SE, Street Lighting Service - Overhead Equivalent</u>	\$0.054600
<u>Rate UOLS, Unmetered Outdoor Lighting Electric Service</u>	\$0.054600

Filed pursuant to an Order dated November 16, 2012 in Case No. 11-6000-EL-UNC in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

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Issued by James P. Henning, President

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Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 112.43  
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**CHARGES (Continued)**

Tariff Sheet	RE-Charge (per kWh)
Rate GUR, Common Use Residential Service	
Summer, First 1000 kWh	\$0.058404
Summer, Additional kWh	\$0.060598
Winter, First 1000 kWh	\$0.058404
Winter, Additional kWh	\$0.032209
Rate TD CPP LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.187408
Summer, Off Peak	\$0.038958
Summer, Critical Peak	\$0.297216
Winter, On Peak	\$0.122707
Winter, Off Peak	\$0.036870
Spring/Fall, Off Peak	\$0.036870
Rate TD LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.228933
Summer, Off Peak	\$0.030098
Winter, On Peak	\$0.201929
Winter, Off Peak	\$0.025677
Spring/Fall, Off Peak	\$0.025677
Rate DS, Service at Secondary Distribution Voltage	\$0.054600
Rate EH, Optional Rate for Electric Space Heating	\$0.054600
Rate DM, Secondary Distribution Service, Small	
Summer, First 2800 kWh	\$0.066796
Summer, Next 3200 kWh	\$0.026546
Summer, Additional kWh	\$0.019524
Winter, First 2800 kWh	\$0.055748
Winter, Next 3200 kWh	\$0.026546
Winter, Additional kWh	\$0.019240
Rate DP, Service at Primary Distribution Voltage	\$0.054600
Rate GS FL, Optional Unmetered For Small Fixed Loads	\$0.054600
Rate SFL ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	\$0.054600
Rate TS, Service at Transmission Voltage	\$0.062727
Rate SL, Street Lighting Service	\$0.054600
Rate TL, Traffic Lighting Service	\$0.054600
Rate OL, Outdoor Lighting Service	\$0.054600
Rate NSU, Street Lighting Service for Non-Standard Units	\$0.054600

Filed pursuant to an Order dated November 16, 2012 in Case No. 11-6000-EL-UNC in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

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**CHARGES (Continued)**

Tariff Sheet	RE Charge (per kWh)
Rate NSP, Private Outdoor Lighting for Non-Standard Units	\$0.054600
Rate SC, Street Lighting Service—Customer Owned	\$0.054600
Rate SE, Street Lighting Service—Overhead Equivalent	\$0.054600
Rate UOLS, Unmetered Outdoor Lighting Electric Service	\$0.054600

Filed pursuant to an Order dated November 16, 2012 in Case No. 11-6000-EL-UNC in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

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# RIDER ESSC

## ELECTRIC SECURITY STABILIZATION RIDER

### THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN

#### APPLICABILITY

Applicable to all retail jurisdictional customers in the Company's electric service territory including those customers taking generation service from a Competitive Retail Electric Service provider.

#### DESCRIPTION

The purpose of this rider is to provide stability and certainty regarding the Company's provision of retail electric service as a Fixed Resource Requirement entity as defined by the Regional Transmission Operator while also operating under the current Electric Security Plan as approved by the Commission. Rider ESSC will collect \$110 million per year for a period of three years commencing January 1, 2012. The revenues collected under Rider ESSC will be tried up annually such that the total amount collected over the three year period is equal to \$330 million.

#### CHARGES

The charge for each respective electric service rate schedule is:

Tariff Sheet	ESSC Charge (per kWh/kW)
<del>Rates RS, RS3P, RSLI, Residential Service</del>	
<del>Summer, First 1000 kWh</del>	<del>\$0.007124</del>
<del>Summer, Additional kWh</del>	<del>\$0.009466</del>
<del>Winter, First 1000 kWh</del>	<del>\$0.007124</del>
<del>Winter, Additional kWh</del>	<del>\$0.001644</del>
<del>Rate ORH, Optional Residential Service with Electric Space Heating</del>	
<del>Summer, First 1000 kWh</del>	<del>\$0.006494</del>
<del>Summer, Additional kWh</del>	<del>\$0.008154</del>
<del>Summer, kWh greater than 150 times demand</del>	<del>\$0.008149</del>
<del>Winter, First 1000 kWh</del>	<del>\$0.006494</del>
<del>Winter, Additional kWh</del>	<del>\$0.002464</del>
<del>Winter, kWh greater than 150 times demand</del>	<del>\$0.000844</del>
<del>Rate TD-13, Optional Time-of-Day Rate For Residential Service</del>	
<del>With Advance Metering</del>	
<del>Summer, On Peak</del>	<del>\$0.043126</del>
<del>Winter, On Peak</del>	<del>\$0.043094</del>
<del>Off Peak</del>	<del>\$0.006341</del>
<del>Rate TD, Optional Time-of-Day Rate</del>	
<del>Summer, On Peak kWh</del>	<del>\$0.017287</del>
<del>Summer, Off Peak kWh</del>	<del>\$0.000949</del>
<del>Winter, On Peak kWh</del>	<del>\$0.013216</del>
<del>Winter, Off Peak kWh</del>	<del>\$0.000961</del>

Filed pursuant to an Order dated November 11, 2011 in Case No. 11-3549-EL-SSO in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

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**CHARGES (Contd.)**

Tariff Sheet	ESSC Charge (per kWh/kW)
Rate CUR, Common Use Residential Service	
Summer, First 1000 kWh	\$0.007492
Summer, Additional kWh	\$0.000928
Winter, First 1000 kWh	\$0.007492
Winter, Additional kWh	\$0.001793
Rate DS, Service at Secondary Distribution Voltage	
First 1000 kW	\$1.132344
Additional kW	\$0.895752
Billing Demand Times 300	\$0.002587
Additional kWh	\$0.000783
Rate GS FL, Optional Unmetered for Small Fixed Loads—	
kWh Greater Than or Equal to 540 Hours—	\$0.004969
kWh Less Than 540 Hours	\$0.006752
Rate SFL ADPL, Optional Unmetered Rate for Small Fixed Loads	
— Attached Directly to Company's Power Lines	
— All kWh	\$0.004969
Rate EH, Optional Rate for Electric Space Heating	
All kWh	\$0.003858
Rate DM, Secondary Distribution Service, Small	
Summer, First 2800 kWh	\$0.008535
Summer, Next 3200 kWh	\$0.001016
Summer, Additional kWh	\$0.000296
Winter, First 2800 kWh	\$0.006471
Winter, Next 3200 kWh	\$0.001016
Winter, Additional kWh	\$0.000349
Rate DP, Service at Primary Distribution Voltage—	
First 1000 kW	\$1.335983
Additional kW	\$1.053909
Billing Demand Times 300	\$0.003444
Additional kWh	\$0.001297
Rate TS, Service at Transmission Voltage	
First 50,000 kVA	\$1.633326
Additional kVA	\$1.177418
Billing Demand Times 300	\$0.001739
Additional kWh	\$0.001054

Filed pursuant to an Order dated November 11, 2011 in Case No. 11-3640-EL-SSO in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

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**CHARGES (Continued)**

Tariff Sheet	ESSC Charge (per kWh/kW)
Rate TL, Traffic Lighting Service All kWh	\$0.001853
Rate SL, Street Lighting Service All kWh	\$0.003851
Rate OL, Outdoor Lighting Service All kWh	\$0.003851
Rate NSU, Street Lighting Service for Non-Standard Units All kWh	\$0.003851
Rate NSP, Private Outdoor Lighting for Non-Standard Units All kWh	\$0.003851
Rate SE, Street Lighting Service—Overhead Equivalent All kWh	\$0.003851
Rate SC, Street Lighting Service—Customer Owned Energy Only—All kWh	\$0.000026
Units—All kWh	\$0.003849
Rate UOLS, Unmetered Outdoor Lighting Electric Service All kWh	\$0.000114

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**RIDER LFA**

**LOAD FACTOR ADJUSTMENT RIDER**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

**APPLICABILITY**

~~Applicable to all retail demand metered customers served under Rate DS, Rate DP, and Rate TS in the Company's electric service territory including those customers taking generation service from a Competitive Retail Electric Service provider.~~

**DESCRIPTION**

~~The purpose of this rider is to stabilize electric service by enhancing the benefits associated with high load factor customers under current rates. The rider will be structured with a demand charge and an energy credit. The energy credit will be used to reduce the customer's applicable energy charges for electric service, representing a decrease in charges to the customer. The credit provided in this rider will be adjusted quarterly to ensure, in the aggregate, that the dollars credited via this rider are equal to the charges.~~

**CHARGES**

~~The charge for each respective electric service rate schedule is:~~

<del>Tariff Sheet</del>	<del>LFA Charge (per kW/kVA)</del>
<del>Rate DS, Service at Secondary Distribution Voltage All kW</del>	<del>\$8.00</del>
<del>Rate DP, Service at Primary Distribution Voltage All kW</del>	<del>\$8.00</del>
<del>Rate TS, Service at Transmission Voltage All kVA</del>	<del>\$8.00</del>

**CREDITS**

~~The credit for each respective electric service rate schedule is:~~

<del>Tariff Sheet</del>	<del>LFA Credit (per kWh)</del>
<del>Rate DS, Service at Secondary Distribution Voltage All kWh</del>	<del>\$0.020961</del>
<del>Rate DP, Service at Primary Distribution Voltage All kWh</del>	<del>\$0.020961</del>
<del>Rate TS, Service at Transmission Voltage All kWh</del>	<del>\$0.020961</del>

~~Filed pursuant to an Order dated November 22, 2011 in Case No. 11-3549-EL-SSO in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.~~

~~Issued: December 19, 2011~~

~~Effective: January 1, 2012~~

~~Issued by James P. Henningue-Janson, President~~



Duke Energy Ohio

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Filed pursuant to an Order dated November 22, 2011 in Case No. ~~11-3549 EL-SSO~~ in Case No. 14-841-  
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**PIPP CUSTOMER DISCOUNT**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

**APPLICABILITY**

~~Customers who participate in the Percentage of Income Payment Plan (PIPP) program under Rate RS, Rate RS3P, Rate ORH, or Rate TD shall receive a five percent discount off the otherwise applicable price to compare (PTC) excluding any applicable charges under Rider AER R. The PTC, excluding Rider AER R, is the sum of applicable charges under Rider RC, Rider RE, Rider SCR, Rider RECON, and Rider RTO.~~

~~The PIPP Customer Discount shall be applicable for the period January 1, 2012, through May 31, 2016.~~

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**RIDER PTR\_3**

**PEAK TIME REBATE – RESIDENTIAL PILOT PROGRAM**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

**AVAILABILITY**

~~The Peak Time Rebate (PTR\_3) Program is applicable to residential Customers served under Rate RS. This rider is available only as Company advanced meters with interval recording registers are installed on the customer's premises. The advanced meters must be commissioned, certified, and provide billable quality data. This rider is available to the first five hundred (500) customers that request service under this rider. It is also available to those residential customers who were served under Rates TD CPP Lite or TD Lite and elected to return to Rate RS due to the termination of their respective pilot rates. Additionally, it is available to those customers currently being served under Rider PTR. Eligible customers must receive generation service from Duke Energy Ohio. This rider is not available to customers on income payment plans, budget billing, HEAP, or any other assistance plan. Customers participating in the Power Manager program are not eligible to participate in the PTR\_3 Program.~~

~~Rider PTR\_3 is offered on a pilot basis. The Company reserves the right to modify this rider, subject to approval by the Commission, as information regarding customer participation, load response, costs, and other pertinent information becomes available.~~

**PROGRAM DESCRIPTION**

~~The PTR\_3 Program is voluntary and offers residential Customers the opportunity to reduce their electric costs by reducing their electric usage during Company's critical peak load periods (critical peak events).~~

~~At its discretion, the Company may call up to fifteen (15) critical peak periods per year during the calendar months of June, July, and August. Participating customers will be notified on the day prior to a critical peak event of the planned event for the next day. Critical peak events will last 5 hours and will begin at 2 P.M. and end at 7 P.M., and they will not occur on weekends or holidays as recognized by the National Electric Reliability Corporation. The Company may call up to three events per week with no more than two events occurring on consecutive days. A week is defined as the period Sunday through Saturday.~~

~~Participating customers may choose to maintain their electric usage levels at previous levels during an event. Customers who do not reduce usage levels during the event will not incur any penalties, and they will be billed for the electricity consumed during the event at the normal tariff rates. No customer's bill will increase as a result of this tariff.~~

~~Customers will receive a bill credit of \$0.2800 per kWh of load reduction during the critical peak event. Credits will appear on participating customers' bills. The kWh load reduction is calculated as the difference between the estimated kWh usage that would have occurred during the critical peak event without action by the participant (estimated kWh) and the participant's actual kWh usage during the critical peak event (actual kWh). Credits will be computed and provided on customers'~~

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~~bills within two monthly billing cycles. Bills ordinarily are rendered at monthly intervals. The word "month" shall mean the period of approximately thirty days between monthly bill dates.~~

**PROGRAM DESCRIPTION (Contd.)**

~~The Company will use the participant's recent historical electricity consumption information for non-event, non-holiday weekdays in establishing the participants' individualized estimated kWh usage for use as a base line to determine the amount of load reduction.~~

**BILLING UNDER STANDARD RATES**

~~Customers served under Rate RS will be billed for all energy used under the terms and conditions and at the rates and charges of the applicable tariff. In addition, Customers will receive credits on their electric bill for participation in the PTR\_3 Program as described above in the PROGRAM DESCRIPTION section.~~

**CUSTOMER NOTIFICATION OF CRITICAL PEAK EVENTS**

~~Participating customers will be notified by 8:00 P.M. on the day prior to a critical peak event of the planned event for the next day. The Company will notify customers of critical peak events for the following day via telephone, e-mail, text messaging, or any other means that becomes available. The customer will be required to provide a primary contact method of communication.~~

~~Participating customers are responsible for the costs of establishing and maintaining internet service, e-mail service, telephone service, and/or cell phone text messaging service. The Company will provide a mechanism for participants to choose their primary preferred communication channel.~~

~~The Company is not liable for any damages or claims resulting from customers' failure to receive notice of a critical peak event, for any reason.~~

**TERM AND CONDITIONS**

~~Except as provided in this Rider PTR\_3, all terms, conditions, rates, and charges outlined in the applicable Rate RS will apply. Participation in the PTR\_3 Program will not affect Customers' obligations for electric service under these rates.~~

~~Any interruptions or reductions in electric service caused by outages of Company's facilities, other than as provided under the PTR\_3 Program, will not be deemed an event period under this PTR\_3 Program. Agreements under the PTR\_3 Program will in no way affect Customer's or Company's respective obligations regarding the rendering of and payment for electric service under the applicable electric tariff and its applicable rate schedules. It will be Customer's responsibility to monitor and control their demand and energy usage before, during, and after a critical peak event period.~~

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

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**RATE TD-2012**

**OPTIONAL TIME-OF-DAY RATE FOR RESIDENTIAL SERVICE WITH ADVANCED METERING  
(PILOT)**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

**APPLICABILITY**

~~Applicable to electric service for all domestic purposes in private residences and single occupancy apartments in the entire territory of the Company where distribution lines are adjacent to the premises to be served. This rate is available only as Company advanced meters with interval recording registers are installed on the customer's premises. The advanced meters must be commissioned, certified, and provide billable quality data. Eligible customers must receive generation service from Duke Energy Ohio, and they must have had a total annual electric bill of \$300 or more during the prior twelve (12) months. This rate is not available to customers who participate in the Power Manager program nor is it available to customers on income payment plans, budget billing, HEAP, or any other assistance plan.~~

~~Residences where not more than two (2) 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, the applicable general service rate 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.~~

~~Rate TD-2012 is offered on a pilot basis. The Company reserves the right to modify this rate, subject to approval by the Commission, as information regarding customer participation, load response, costs, and other pertinent information becomes available. If the Company changes the base generation charges or structure of this rate, customers who have not completed their initial term of service may continue taking service under Rate TD-2012 or switch to Rate RS (Residential Service) or any other rate for which the customer is eligible. Should there be a change to base generation charges or the structure of this rate, customers will be notified electronically (where available) or by mail.~~

~~For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.~~

**NET MONTHLY BILL**

~~Computed in accordance with the following charges:~~

	<u>Summer Period</u>	<u>Winter Period</u>
1. Distribution Charges		
— (a) Customer Charge		
— Single Phase	\$6.00 per month	\$6.00 per month

~~Issued pursuant to an Order dated May 1, 2013 in Case No. 12-1682-EL AIR in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.~~

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Three Phase \$8.00 per month \$8.00 per month

**NET MONTHLY BILL (Continued)**

(b) Energy Charge

On-Peak kilowatt-hours	\$0.025342 per kWh	\$0.025342 per kWh
Off-Peak kilowatt-hours	\$0.025342 per kWh	\$0.025342 per kWh

**2. Applicable Riders**

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

Sheet No. 70, Rider DR-IKE, Storm Recovery Rider  
Sheet No. 81, Rider EER, Energy Efficiency Revolving Loan Program Rider  
Sheet No. 83, Rider OET, Ohio Excise Tax Rider  
Sheet No. 86, Rider USR, Universal Service Fund Rider  
Sheet No. 88, Rider UE-GEN, Uncollectible Expense — Electric Generation Rider  
Sheet No. 89, Rider BTR, Base Transmission Rider  
Sheet No. 97, Rider RTO, Regional Transmission Organization Rider  
Sheet No. 104, Rider DR-IM, Infrastructure Modernization Rider  
Sheet No. 106, Rider DR-ECF, Economic Competitiveness Fund Rider  
Sheet No. 106, Rider DR-SAWR, Energy Efficiency Recovery Rate  
Sheet No. 108, Rider UE-ED, Uncollectible Expense — Electric Distribution Rider  
Sheet No. 110, Rider AER-R, Alternative Energy Recovery Rider  
Sheet No. 111, Rider RC, Retail Capacity Rider  
Sheet No. 112, Rider RE, Retail Energy Rider  
Sheet No. 113, Rider ESSC, Electric Security Stabilization Charge Rider  
Sheet No. 115, Rider SCR, Supplier Cost Reconciliation Rider  
Sheet No. 119, Rider EE-PDRR, Energy Efficiency and Peak Demand Response Recovery Rate

**PRICING OPTIONS**

A customer taking service under this tariff will be offered a single choice from among three different pricing options as provided in Riders RE, RC and ESSC. The options reflect different peak and off-peak pricing levels and are listed as TD-2012-BASE, TD-2012-PLUS and TD-2012-MAX within the Riders.

**MINIMUM CHARGE**

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

**BILLING PERIODS**

For purposes of administration of the above charges, the summer period is defined as June 1 through August 31. The winter period is defined as September 1 through May 31.

**RATING PERIODS**

The rating periods applicable to the above kilowatt-hour charges are as follows:

- a) Summer On-Peak Period 2:00 p.m. to 7:00 p.m. Monday through Friday, excluding holidays.
- b) Winter On-Peak Period 7:00 a.m. to 1:00 p.m. Monday through Friday, excluding holidays.

Issued pursuant to an Order dated May 1, 2013 in Case No. 12-1682-EL-AIR in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

Issued: May 2, 2013

Effective: May 6, 2013

Issued by James P. Henning, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 118.24  
Cancels and Supersedes  
Sheet No. 118.1  
Page 3 of 3

**RATING PERIODS (Continued)**

- ~~c) 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, Veteran's Day, Thanksgiving Day and Christmas Day or on the day nationally designated to be celebrated as such with the exception that if the foregoing holidays occur on a Sunday, the following Monday is considered a holiday.~~

**LATE PAYMENT CHARGE**

- ~~Payment of the total amount due must be received in the Company's office by the due date shown on the bill. When not so paid, an additional amount equal to one and one-half percent (1.5%) of the unpaid balance is due and payable.~~

**TERMS AND CONDITIONS**

- ~~This rate is available upon application in accordance with the Company's Service Regulations.~~
- ~~The initial term of service under this rate is one (1) year. Thereafter, customers may at their discretion remain on this rate for an additional one (1) year term or switch to another applicable rate. During the initial or any subsequent one (1) year term, should the customer apply for an income payment plan, budget billing, HEAP, or any other assistance plan, they will no longer be eligible for service under Rate TD 2012.~~
- ~~The supplying and billing for service and all conditions applying thereto are subject to the jurisdiction of the Public Utilities Commission of Ohio, and to Company's Service Regulations currently in effect as filed with the Public Utilities Commission of Ohio.~~

Issued pursuant to an Order dated May 1, 2013 in Case No. 12-1682-EL-AIR in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

Issued: May 2, 2013

Effective: May 6, 2013

Issued by James P. Henning, President

DUKE ENERGY OHIO  
CASE NO. 14-841-EL-SSO  
TYPICAL BILL COMPARISON

WITNESS:  
J. E. ZIOLKOWSKI

LINE NO.	RATE CODE	LEVEL of DEMAND (A) (KW)	LEVEL of USE (B) (KWH)	BILL DATA (2)				FUEL COST (1) (G) (\$)	TOTAL CURRENT BILL (C + G) (H) (\$)	TOTAL PROPOSED BILL (D + G) (I) (\$)	PERCENT INCR/(DECR) (I-H)/H (J) (%)
				CURRENT BILL (C) (\$)	PROPOSED BILL (D) (\$)	DOLLAR INCR/(DECR) (E - C) (E) (\$)	PERCENT INCR/(DECR) (E / C) (F) (%)				
1	RS	SUMMER									
2		NA	300	40.58	40.58	0.00	0.0	0.00	40.58	40.58	0.0
3		NA	400	50.89	50.89	0.00	0.0	0.00	50.89	50.89	0.0
4		NA	500	61.19	61.20	0.00	0.0	0.00	61.19	61.20	0.0
5		NA	800	92.12	92.12	0.00	0.0	0.00	92.12	92.12	0.0
6		NA	1,000	112.73	112.73	0.00	0.0	0.00	112.73	112.73	0.0
7		NA	1,500	170.72	164.04	(6.69)	(3.9)	0.00	170.72	164.04	(3.9)
8		NA	2,000	228.71	215.34	(13.37)	(5.8)	0.00	228.71	215.34	(5.8)
9	RS	WINTER									
10		NA	300	40.58	40.58	0.00	0.0	0.00	40.58	40.58	0.0
11		NA	400	50.89	50.89	0.00	0.0	0.00	50.89	50.89	0.0
12		NA	500	61.19	61.20	0.00	0.0	0.00	61.19	61.20	0.0
13		NA	800	92.12	92.12	0.00	0.0	0.00	92.12	92.12	0.0
14		NA	1,000	112.73	112.73	0.00	0.0	0.00	112.73	112.73	0.0
15		NA	1,500	148.39	151.73	3.34	2.3	0.00	148.39	151.73	2.3
16		NA	3,000	255.35	268.73	13.37	5.2	0.00	255.35	268.73	5.2
17		NA	6,000	469.29	502.73	33.43	7.1	0.00	469.29	502.73	7.1
18	ORH	SUMMER									
19		NA	1,000	109.13	109.13	0.00	0.0	0.00	109.13	109.13	0.0
20		NA	1,500	163.60	158.87	(4.73)	(2.9)	0.00	163.60	158.87	(2.9)
21		NA	2,000	218.07	208.61	(9.46)	(4.3)	0.00	218.07	208.61	(4.3)
22		NA	3,000	326.55	307.62	(18.93)	(5.8)	0.00	326.55	307.62	(5.8)
23	ORH	WINTER									
24		20	1,000	112.74	112.74	0.00	0.0	0.00	112.74	112.74	0.0
25		20	2,000	179.85	202.86	23.01	12.8	0.00	179.85	202.86	12.8
26		20	3,000	246.49	292.52	46.03	18.7	0.00	246.49	292.52	18.7
27		20	6,000	403.05	454.13	51.08	12.7	0.00	403.05	454.13	12.7
28	RSLI	SUMMER									
29		NA	300	36.58	36.58	0.00	0.0	0.00	36.58	36.58	0.0
30		NA	400	46.89	46.89	0.00	0.0	0.00	46.89	46.89	0.0
31		NA	500	57.19	57.20	0.00	0.0	0.00	57.19	57.20	0.0
32		NA	800	88.12	88.12	0.00	0.0	0.00	88.12	88.12	0.0
33		NA	1,000	108.73	108.73	0.00	0.0	0.00	108.73	108.73	0.0
34		NA	1,500	166.72	160.04	(6.69)	(4.0)	0.00	166.72	160.04	(4.0)
35		NA	2,000	224.71	211.34	(13.37)	(6.0)	0.00	224.71	211.34	(6.0)
36	RSLI	WINTER									
37		NA	300	36.58	36.58	0.00	0.0	0.00	36.58	36.58	0.0
38		NA	400	46.89	46.89	0.00	0.0	0.00	46.89	46.89	0.0
39		NA	500	57.19	57.20	0.00	0.0	0.00	57.19	57.20	0.0
40		NA	800	88.12	88.12	0.00	0.0	0.00	88.12	88.12	0.0
41		NA	1,000	108.73	108.73	0.00	0.0	0.00	108.73	108.73	0.0
42		NA	1,500	144.39	147.73	3.34	2.3	0.00	144.39	147.73	2.3
43		NA	3,000	251.35	264.73	13.37	5.3	0.00	251.35	264.73	5.3
44		NA	6,000	465.29	498.73	33.43	7.2	0.00	465.29	498.73	7.2

(1) NO LONGER APPLICABLE.

(2) INCLUDES RIDERS DR-IKE, UE-GEN, BTR, DR-IM, DR-ECF, UE-ED, AER-R, RC, RE, SCR, EE-PDR, AND DDR AS OF MAY 1, 2015.



DUKE ENERGY OHIO  
CASE NO. 14-841-EL-SSO  
TYPICAL BILL COMPARISON

WITNESS:  
J. E. ZIOLKOWSKI

LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	BILL DATA (2)		DOLLAR INCR/(DECR) (D - C)	PERCENT INCR/(DECR) (E / C)	FUEL COST (1) (G)	TOTAL CURRENT BILL (C + G) (H)	TOTAL PROPOSED BILL (D + G) (I)	PERCENT INCR/(DECR) (I-H) / H
				CURRENT BILL (C)	PROPOSED BILL (D)						
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)	(%)
1	CUR	SUMMER									
2		NA	300	41.21	41.21	0.00	0.0	0.00	41.21	41.21	0.0
3		NA	400	51.73	51.73	0.00	0.0	0.00	51.73	51.73	0.0
4		NA	500	62.25	62.25	0.00	0.0	0.00	62.25	62.25	0.0
5		NA	600	93.80	93.80	0.00	0.0	0.00	93.80	93.80	0.0
6		NA	1,000	114.84	114.84	0.00	0.0	0.00	114.84	114.84	0.0
7		NA	1,500	174.38	167.42	(6.95)	(4.0)	0.00	174.38	167.42	(4.0)
8		NA	2,000	233.92	220.01	(13.91)	(5.9)	0.00	233.92	220.01	(5.9)
9	CUR	WINTER									
10		NA	300	41.21	41.21	0.00	0.0	0.00	41.21	41.21	0.0
11		NA	400	51.73	51.73	0.00	0.0	0.00	51.73	51.73	0.0
12		NA	500	62.25	62.25	0.00	0.0	0.00	62.25	62.25	0.0
13		NA	600	93.80	93.80	0.00	0.0	0.00	93.80	93.80	0.0
14		NA	1,000	114.84	114.84	0.00	0.0	0.00	114.84	114.84	0.0
15		NA	1,500	151.15	159.83	8.68	5.7	0.00	151.15	159.83	5.7
16		NA	3,000	259.63	294.34	34.71	13.4	0.00	259.63	294.34	13.4
17		NA	6,000	476.12	562.90	86.78	18.2	0.00	476.12	562.90	18.2
18	RS3P	SUMMER									
19		NA	300	43.08	43.08	0.00	0.0	0.00	43.08	43.08	0.0
20		NA	400	53.39	53.39	0.00	0.0	0.00	53.39	53.39	0.0
21		NA	500	63.69	63.70	0.00	0.0	0.00	63.69	63.70	0.0
22		NA	600	94.62	94.62	0.00	0.0	0.00	94.62	94.62	0.0
23		NA	1,000	115.23	115.23	0.00	0.0	0.00	115.23	115.23	0.0
24		NA	1,500	173.22	166.54	(6.69)	(3.9)	0.00	173.22	166.54	(3.9)
25		NA	2,000	231.21	217.84	(13.37)	(5.8)	0.00	231.21	217.84	(5.8)
26	RS3P	WINTER									
27		NA	300	43.08	43.08	0.00	0.0	0.00	43.08	43.08	0.0
28		NA	400	53.39	53.39	0.00	0.0	0.00	53.39	53.39	0.0
29		NA	500	63.69	63.70	0.00	0.0	0.00	63.69	63.70	0.0
30		NA	600	94.62	94.62	0.00	0.0	0.00	94.62	94.62	0.0
31		NA	1,000	115.23	115.23	0.00	0.0	0.00	115.23	115.23	0.0
32		NA	1,500	150.89	154.23	3.34	2.2	0.00	150.89	154.23	2.2
33		NA	3,000	257.85	271.23	13.37	5.2	0.00	257.85	271.23	5.2
34		NA	6,000	471.79	505.23	33.43	7.1	0.00	471.79	505.23	7.1

(1) NO LONGER APPLICABLE.

(2) INCLUDES RIDERS DR-IKE, UE-GEN, BTR, DR-IM, DR-ECF, UE-ED, AER-R, RC, RE, SCR, EE-PDR, AND DDR AS OF MAY 1, 2015.

DUKE ENERGY OHIO  
CASE NO. 14-841-EL-SSO  
TYPICAL BILL COMPARISON

WITNESS:  
J. E. ZIOLKOWSKI

LINE NO.	RATE CODE	LEVEL of DEMAND (A) (KW)	LEVEL of USE (B) (KWH)	BILL DATA (2)		DOLLAR INCR/(DECR) (D - C) (\$)	PERCENT INCR/(DECR) (E / C) (%)	FUEL COST (1) (G) (\$)	TOTAL CURRENT BILL (C + G) (\$)	TOTAL PROPOSED BILL (D + G) (\$)	PERCENT INCR/(DECR) (I-H) / H (%)
				CURRENT BILL (C) (\$)	PROPOSED BILL (D) (\$)						
1	DS	30	8,000	898.19	898.17	(0.02)	0.0	0.00	898.19	898.17	0.0
2		30	9,000	882.59	882.54	(0.05)	0.0	0.00	882.59	882.54	0.0
3		30	12,000	1,055.02	1,058.34	3.32	0.3	0.00	1,055.02	1,058.34	0.3
4		50	10,000	1,129.06	1,129.03	(0.03)	0.0	0.00	1,129.06	1,129.03	0.0
5		50	15,000	1,436.40	1,436.31	(0.09)	0.0	0.00	1,436.40	1,436.31	0.0
6		50	20,000	1,702.82	1,708.35	5.53	0.3	0.00	1,702.82	1,708.35	0.3
7		75	15,000	1,667.64	1,667.60	(0.04)	0.0	0.00	1,667.64	1,667.60	0.0
8		75	20,000	1,954.03	1,953.93	(0.10)	0.0	0.00	1,954.03	1,953.93	0.0
9		75	30,000	2,496.86	2,505.16	8.30	0.3	0.00	2,496.86	2,505.16	0.3
10		100	20,000	2,185.27	2,185.21	(0.06)	0.0	0.00	2,185.27	2,185.21	0.0
11		100	30,000	2,757.06	2,757.88	(0.18)	0.0	0.00	2,757.06	2,757.88	0.0
12		100	40,000	3,290.90	3,301.97	11.07	0.3	0.00	3,290.90	3,301.97	0.3
13		300	30,000	6,326.34	6,326.16	(0.18)	0.0	0.00	6,326.34	6,326.16	0.0
14		300	30,000	8,044.89	8,044.16	(0.53)	0.0	0.00	8,044.89	8,044.16	0.0
15		300	120,000	9,643.23	9,676.42	33.20	0.3	0.00	9,643.23	9,676.42	0.3
16		500	100,000	10,467.40	10,467.11	(0.30)	0.0	0.00	10,467.40	10,467.11	0.0
17		500	200,000	15,995.55	16,050.88	55.33	0.3	0.00	15,995.55	16,050.88	0.3
18		500	300,000	21,324.00	21,384.59	60.59	0.3	0.00	21,324.00	21,384.59	0.3

(1) NO LONGER APPLICABLE.

(2) INCLUDES RIDERS DR-IKE, UE-GEN, BTR, DR-IM, DR-ECF, UE-ED, AER-R, RC, RE, SCR, EE-PDR, AND ODR AS OF MAY 1, 2015.

(3) CUSTOMER CHARGE IS BASED ON THREE PHASE SERVICE.

DUKE ENERGY OHIO  
CASE NO. 14-841-EL-SSO  
TYPICAL BILL COMPARISON

WITNESS:  
J. E. ZIOLKOWSKI

LINE NO.	RATE CODE	LEVEL of DEMAND (A) (KW)	LEVEL of USE (B) (KWH)	BILL DATA (2)				FUEL COST (1) (G) (\$)	TOTAL CURRENT BILL (C + G) (H) (\$)	TOTAL PROPOSED BILL (D + G) (I) (\$)	PERCENT INCR/(DECR) (I-H) / H (J) (%)
				CURRENT BILL (C) (\$)	PROPOSED BILL (D) (\$)	DOLLAR INCR/(DECR) (D - C) (E) (\$)	PERCENT INCR/(DECR) (E / C) (F) (%)				
1	DM	SUMMER									
2			72	22.70	21.29	(1.41)	(6.2)	0.00	22.70	21.29	(6.2)
3			144	31.94	29.13	(2.81)	(8.8)	0.00	31.94	29.13	(8.8)
4			288	50.42	44.79	(5.62)	(11.2)	0.00	50.42	44.79	(11.2)
5			576	59.66	52.63	(7.03)	(11.8)	0.00	59.66	52.63	(11.8)
6			720	105.86	91.80	(14.06)	(13.3)	0.00	105.86	91.80	(13.3)
7			1,440	198.25	170.13	(28.12)	(14.2)	0.00	198.25	170.13	(14.2)
8			720	105.86	91.80	(14.06)	(13.3)	0.00	105.86	91.80	(13.3)
9			1,440	198.25	170.13	(28.12)	(14.2)	0.00	198.25	170.13	(14.2)
10			2,880	375.60	323.32	(52.28)	(13.9)	0.00	375.60	323.32	(13.9)
11			1,080	152.05	130.96	(21.09)	(13.9)	0.00	152.05	130.96	(13.9)
12			2,160	290.57	248.39	(42.18)	(14.5)	0.00	290.57	248.39	(14.5)
13			4,320	421.24	421.64	0.40	0.1	0.00	421.24	421.64	0.1
14			6,480	484.58	568.16	83.58	17.2	0.00	484.58	568.16	17.2
15	DM	WINTER									
16			72	20.87	20.44	(0.43)	(2.1)	0.00	20.87	20.44	(2.1)
17			144	28.28	27.42	(0.86)	(3.0)	0.00	28.28	27.42	(3.0)
18			288	43.10	41.38	(1.72)	(4.0)	0.00	43.10	41.38	(4.0)
19			576	50.51	48.36	(2.15)	(4.3)	0.00	50.51	48.36	(4.3)
20			720	87.58	83.27	(4.29)	(4.9)	0.00	87.58	83.27	(4.9)
21			1,440	161.66	153.07	(8.59)	(5.3)	0.00	161.66	153.07	(5.3)
22			720	87.58	83.27	(4.29)	(4.9)	0.00	87.58	83.27	(4.9)
23			1,440	161.66	153.07	(8.59)	(5.3)	0.00	161.66	153.07	(5.3)
24			2,880	304.46	290.15	(14.31)	(4.7)	0.00	304.46	290.15	(4.7)
25			1,080	124.61	118.17	(6.44)	(5.2)	0.00	124.61	118.17	(5.2)
26			2,160	235.69	222.80	(12.89)	(5.5)	0.00	235.69	222.80	(5.5)
27			4,320	349.70	345.88	(3.82)	(1.1)	0.00	349.70	345.88	(1.1)
28			6,480	412.29	410.27	(2.02)	(0.5)	0.00	412.29	410.27	(0.5)

(1) NO LONGER APPLICABLE.

(2) INCLUDES RIDERS DR-IKE, UE-GEN, BTR, DR-IM, DR-ECF, UE-ED, AER-R, RC, RE, SCR, EE-PDR, AND DDR AS OF MAY 1, 2015.

(3) CUSTOMER CHARGE IS BASED ON SINGLE PHASE SERVICE.

DUKE ENERGY OHIO  
CASE NO. 14-041-EL-SNO  
TYPICAL BILL COMPARISON

WITNESS:  
J. E. ZIOLKOWSKI

LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	BILL DATA (2)		DOLLAR INCR/(DECR) (D - C)	PERCENT INCR/(DECR) (E / C)	FUEL COST (1) (G)	TOTAL CURRENT BILL (C + G) (H)	TOTAL PROPOSED BILL (D + G) (I)	PERCENT INCR/(DECR) (I-H) / H
				CURRENT BILL (C)	PROPOSED BILL (D)						
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)	(\$)	(\$)	(\$)	(%)
1	DP	100	14,400	1,948.51	1,923.19	(25.33)	(1.3)	0.00	1,948.51	1,923.19	(1.3)
2		100	28,800	2,826.60	2,810.86	(15.74)	(0.6)	0.00	2,826.60	2,810.86	(0.6)
3		100	43,200	3,656.82	3,651.25	(5.58)	(0.2)	0.00	3,656.82	3,651.25	(0.2)
4		200	28,800	3,653.44	3,602.78	(50.66)	(1.4)	0.00	3,653.44	3,602.78	(1.4)
5		200	57,600	5,408.93	5,377.46	(31.47)	(0.6)	0.00	5,408.93	5,377.46	(0.6)
6		200	86,400	7,069.38	7,058.23	(11.15)	(0.2)	0.00	7,069.38	7,058.23	(0.2)
7		300	43,200	5,358.03	5,282.04	(75.98)	(1.4)	0.00	5,358.03	5,282.04	(1.4)
8		300	86,400	7,991.27	7,944.06	(47.21)	(0.6)	0.00	7,991.27	7,944.06	(0.6)
9		300	129,600	10,481.95	10,465.22	(16.73)	(0.2)	0.00	10,481.95	10,465.22	(0.2)
10		500	72,000	8,767.20	8,640.57	(126.64)	(1.4)	0.00	8,767.20	8,640.57	(1.4)
11		500	144,000	13,155.94	13,077.26	(78.68)	(0.6)	0.00	13,155.94	13,077.26	(0.6)
12		500	216,000	17,307.07	17,279.19	(27.88)	(0.2)	0.00	17,307.07	17,279.19	(0.2)
13		800	115,200	13,880.97	13,678.35	(202.62)	(1.5)	0.00	13,880.97	13,678.35	(1.5)
14		800	230,400	20,902.95	20,777.06	(125.89)	(0.6)	0.00	20,902.95	20,777.06	(0.6)
15		800	345,600	27,544.76	27,500.15	(44.61)	(0.2)	0.00	27,544.76	27,500.15	(0.2)
16		1000	144,000	17,290.15	17,036.88	(253.27)	(1.5)	0.00	17,290.15	17,036.88	(1.5)
17		1000	288,000	26,067.62	25,910.26	(157.36)	(0.6)	0.00	26,067.62	25,910.26	(0.6)
18		1000	432,000	34,369.88	34,314.12	(55.76)	(0.2)	0.00	34,369.88	34,314.12	(0.2)
19		1500	216,000	25,576.67	25,433.18	(143.49)	(0.6)	0.00	25,576.67	25,433.18	(0.6)
20		1500	432,000	38,742.88	38,743.27	0.39	0.0	0.00	38,742.88	38,743.27	0.0
21		1500	648,000	51,196.27	51,349.05	152.78	0.3	0.00	51,196.27	51,349.05	0.3
22		3000	432,000	50,436.24	50,622.11	185.86	0.4	0.00	50,436.24	50,622.11	0.4
23		3000	864,000	76,749.74	77,223.36	473.62	0.6	0.00	76,749.74	77,223.36	0.6
24		3000	1,296,000	101,392.96	102,171.35	778.40	0.8	0.00	101,392.96	102,171.35	0.8

(1) NO LONGER APPLICABLE.

(2) INCLUDES RIDERS DR-IKE, UE-GEN, BTR, DR-IM, DR-ECF, UE-ED, AER-R, RC, RE, SCR, EE-PDR, AND DDR AS OF MAY 1, 2015.

DUKE ENERGY OHIO  
CASE NO. 14-041-EL-SSO  
TYPICAL BILL COMPARISON

WITNESS:  
J. E. ZIOLKOWSKI

LINE NO.	RATE CODE	LEVEL of DEMAND (A) (KVA)	LEVEL of USE (B) (KWH)	BILL DATA (2)		DOLLAR INCR/(DECR) (D - C) (E)	PERCENT INCR/(DECR) (E / C) (F)	FUEL COST (1) (G)	TOTAL CURRENT BILL (C + G) (H)	TOTAL PROPOSED BILL (D + G) (I)	PERCENT INCR/(DECR) (I - H) / H (J)
				CURRENT BILL (C) (\$)	PROPOSED BILL (D) (\$)						
1	TS	1,000	200,000	16,039.57	15,452.90	(586.67)	(3.7)	0.00	16,039.57	15,452.90	(3.7)
2		1,000	400,000	27,227.21	26,994.10	(233.11)	(0.9)	0.00	27,227.21	26,994.10	(0.9)
3		2,500	500,000	39,784.81	38,318.13	(1,466.69)	(3.7)	0.00	39,784.81	38,318.13	(3.7)
4		2,500	1,000,000	67,652.02	67,069.24	(582.79)	(0.9)	0.00	67,652.02	67,069.24	(0.9)
5		5,000	1,000,000	79,258.33	76,324.95	(2,933.37)	(3.7)	0.00	79,258.33	76,324.95	(3.7)
6		5,000	2,000,000	134,586.43	133,420.85	(1,165.57)	(0.9)	0.00	134,586.43	133,420.85	(0.9)
7		10,000	2,000,000	157,799.03	151,932.29	(5,866.75)	(3.7)	0.00	157,799.03	151,932.29	(3.7)
8		10,000	4,000,000	268,455.23	266,124.08	(2,331.14)	(0.9)	0.00	268,455.23	266,124.08	(0.9)
9		10,000	6,000,000	377,963.62	375,522.17	(2,441.65)	(0.6)	0.00	377,963.62	375,522.17	(0.6)
10		20,000	4,000,000	314,880.44	303,146.95	(11,733.49)	(3.7)	0.00	314,880.44	303,146.95	(3.7)
11		20,000	8,000,000	536,192.83	531,530.55	(4,662.29)	(0.9)	0.00	536,192.83	531,530.55	(0.9)
12		20,000	12,000,000	755,210.01	750,326.71	(4,883.30)	(0.6)	0.00	755,210.01	750,326.71	(0.6)
13		40,000	16,000,000	1,071,668.04	1,062,343.47	(9,324.58)	(0.9)	0.00	1,071,668.04	1,062,343.47	(0.9)
14		40,000	24,000,000	1,509,702.40	1,499,935.80	(9,766.60)	(0.6)	0.00	1,509,702.40	1,499,935.80	(0.6)
15		80,000	32,000,000	2,119,688.65	2,123,969.31	4,280.66	0.2	0.00	2,119,688.65	2,123,969.31	0.2
16		80,000	48,000,000	2,995,757.36	2,999,153.97	3,396.61	0.1	0.00	2,995,757.36	2,999,153.97	0.1
17		160,000	64,000,000	4,200,443.33	4,247,221.00	46,777.67	1.1	0.00	4,200,443.33	4,247,221.00	1.1
18		160,000	96,000,000	5,952,580.74	5,997,590.32	45,009.58	0.8	0.00	5,952,580.74	5,997,590.32	0.8

(1) NO LONGER APPLICABLE.

(2) INCLUDES RIDERS DR-IKE, UE-GEN, BTR, DR-IM, DR-ECF, UE-ED, AER-R, RC, RE, SCR, EE-PDR, AND DDR AS OF MAY 1, 2015.

Table 1 – New Riders		
Rider Name	Tariff	Note
Distribution Capital Investment Rider	Rider DCI	Return, depreciation, property taxes on incremental distribution rate base
Distribution Storm Rider	Rider DSR	Tracks storm costs above or below base amount in last distribution rate case.
Price Stabilization Rider	Rider PSR	Flows through gain/loss on disposition of OVEC capacity and energy

Table 2 – Riders Being Eliminated		
Rider Name	Tariff	Note
Electric Security and Stabilization Rider	Rider ESSC	Expired on January 1, 2015
Load Factor Adjustment Rider	Rider LFA	Expires on May 31, 2015
Save-A-Watt Rider	Rider SAW	Replaced by Rider EE/PDR
Save-A-Watt Rider Rate	Rider SAW-R	Replaced by Rider EE/PDR
Economic Competitiveness Fund Rider	Rider ECF	Obsolete after May 31, 2015
Emergency Electrical Procedures for Long Term Fuel Shortages	Rider EEPF	Obsolete
PIPP Customer Discount	PIPP Customer Discount	Expires on May 31, 2015
Energy Efficiency Revolving Load Program	Rider EER	Terminated December 31, 2010

Table 3 –Riders Continuing with Modifications		
Rider Name	Tariff	Note
Retail Capacity Rider	Rider RC	Eliminate demand charges so that all SSO rates are energy-based
Retail Energy Rider	Rider RE	Migrate toward uniform rates for all residential customers.
Net Metering Rider	Rider NM	Adding text that clarifies billing determinants.

Table 4 –Riders Continuing with No Modifications		
Rider Name	Tariff	Note
Supplier Cost Reconciliation Rider	Rider SCR	Trues up SSO revenue with invoiced cost from suppliers and recovers auction-related costs.
Base Transmission Rider	Rider BTR	Recovers non-market based transmission costs
Alternative Energy Recovery Rider	Rider AER-R	Recovers cost of REC purchases to comply with alternative energy standards
Distribution Decoupling Rider	Rider DDR	Trues up weather-normalized base distribution revenue for customers not billed based on demand
Uncollectible Expense Riders	Rider UE-GEN, UE-D	Recovers bad debt charges related to generation and distribution services
SmartGrid Rider	Rider DR-IM	Recovers incremental costs related to SmartGrid deployment
Regional Transmission Organization Rider	Rider RTO	Currently zero.

<b>Table 5 - Riders Applicable to Non-Shopper and Shopper</b>		
<b>Non-Shopper</b>		<b>Shopper</b>
<b>Generation Riders</b>		<b>Generation Riders</b>
Rider RC <sup>(b)</sup>	➔	CRES Offer
Rider RE <sup>(b)</sup>		
Rider AER-R <sup>(b)</sup>		
Rider SCR <sup>(b)</sup>		
Rider UE-GEN <sup>(a)</sup>		Rider UE-GEN <sup>(a)</sup>
Rider PSR		Rider PSR
<b>Transmission Riders</b>		<b>Transmission Riders</b>
Rider BTR		Rider BTR
Rider RTO		
<b>Distribution Riders</b>		<b>Distribution Riders</b>
Rider DCI		Rider DCI
Rider EE/PDR		Rider EE/PDR
Rider DSR		Rider DSR
Rider DDR		Rider DDR
Rider UE-ED		Rider UE-ED
Rider USR		Rider USR
Rider DR-IM		Rider DR-IM
Rider OET		Rider OET
Note: <sup>(a)</sup> Bypassable for accounts not participating in the Purchase Of Receivables Program. <sup>(b)</sup> Fully bypassable for shoppers. <sup>(c)</sup> Rider NM. Net Metering Rider, is an optional rider for shoppers and non-shoppers.		