

BEFORE THE
PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of Duke)
Energy Ohio, Inc., for Approval of Pilot) Case No. 12- 3281 -EL-ATA
Tariff Rate TD 13.)

**DUKE ENERGY OHIO, INC.'S APPLICATION
FOR PILOT TARIFF APPROVAL**

I. Introduction

Duke Energy Ohio, Inc., (Duke Energy Ohio) is an Ohio corporation engaged in the business of supplying electric transmission and distribution service to approximately 690,000 customers in southwestern Ohio. Duke Energy Ohio is a public utility as defined by Ohio Revised Code (R.C.) 4905.02 and R.C.4905.03. Duke Energy Ohio is filing this Application pursuant to R.C. 4908.18 for approval of tariff for Rate TD-13, P.U.C.O. Electric Tariff No. 19, Original Sheet No. 121. The proposed new tariff sheets are attached to this Application as Attachments one through four.

II. The Duke Energy Ohio Grid Modernization Collaborative

In 2008, Duke Energy Ohio submitted an application for approval of an electric security plan. The matters raised in that proceeding were mostly resolved through a Stipulation and Recommendation and the Public Utilities Commission of Ohio (Commission) approved the Stipulation in December of 2008. The Stipulation in that proceeding, *inter alia*, provided for a

collaborative to discuss a means by which to maximize the benefits of the Smart Grid investment, including dynamic pricing tariffs.

Duke Energy Ohio convened a Grid Modernization or Smart Grid Collaborative and has continued to do so, on a monthly basis, since September of 2009. The Smart Grid Collaborative is open to interested parties, however at present its members include the Staff of the Commission, The Office of the Ohio Consumers' Counsel and Ohio Partners for Affordable Energy. The Smart Grid Collaborative has invested significant time and resources into recommending a portfolio of time-differentiated rates to the Commission for its approval. The Smart Grid Collaborative has worked to ensure that such rates are attractive to customers and designed to effectively incentivize customers to shift their energy usage to flatten peak usage.

III. History of the Collaborative Pilot Rates

In 2010, through its cooperation with the Smart Grid Collaborative, Duke Energy Ohio developed and offered customers a time-of-use rate pilot and a peak time rebate pilot. Despite the limited success in customer acquisition for these pilots (less than 100 customers), the Company and the Smart Grid Collaborative gained significant valuable insight into some of the desired characteristics of time-differentiated price offerings. Applying these insights as well as some of the lessons learned from the 2010 approach to customer acquisition, the Company worked with the Smart Grid Collaborative to develop three new time differentiated pilots. The 2011 portfolio of pilots included a redesigned time-of-use rate structure featuring a larger peak to off-peak differential, a critical peak price design and a peak time rebate pilot. The peak time rebate pilot involved a bifurcated acquisition strategy in which approximately 50% of the customers were acquired through an opt-out strategy and 50% were acquired through an opt-in campaign. The

2011 portfolio proved to more successful with respect overall customer acquisition and provided the Company and members of the Smart Grid Collaborative with additional insight into desired characteristics of offerings, as well as an understanding of the magnitude bill savings that can be achieved. In 2012, the Company and the Smart Grid Collaborative sought to capitalize on the cumulative insights it had gained from its 2010 and 2011 pilots and move forward with the next deliberate step toward the potential offering of a portfolio of commercially viable time-differentiated rates. After working with the Smart Grid Collaborative to develop new rates, Duke Energy Ohio proposed and received approval to test two pilot rate designs. The first pilot the approved was Rate TD 2012, which featured a time-of- use structure

The basic structure was the same as the TD-Lite rate offered in 2011, however Duke Energy Ohio's Rate TD 2012 had three variations that reflected different ratios of peak to off peak pricing. One rate had a peak rate that was approximately 250% of the Base RS residential rate, one rate had a peak rate that was approximately 350% of the Base RS residential rate, and finally, one rate had a peak rate that was approximately 450% of the Base RS residential rate. Essentially, the pilot offered customers the ability to affirmatively select among three rates within the proposed tariff structure that aligned with their personal risk/reward preferences. For example, a customer who believed he or she had the ability to shift usage away from peak would have the opportunity to choose the rate with the highest peak rate, as it would provide the opportunity for the customer to realize the maximum bill reduction. When the pilot completes in the spring of 2013, Duke Energy Ohio expects to gain an understanding of customer risk tolerance, as well as better insight into the impact that risk tolerance has on the behavior changes motivated by the rate. The second pilot the Company proposed and the Commission approved in

2012 was another peak time rebate pilot. The pilot was offered to customers on Duke Energy Ohio's standard residential rate. The purpose of this pilot was to validate some of the preliminary insights that were gained in 2010 and 2011. The pilot continued to offer customers the opportunity to receive a rebate of \$0.28 for every kWh of reduction that they take, in comparison to their baseline usage during a peak period of 2:00 to 7:00 p.m. The company expanded the number of events that the company could call from 10 to 15, in order to assess what impact the events have on customer acquisition and satisfaction with the program. The Company again used a bifurcated acquisition for the PTR 3.0 pilot. Offering it to 250 customers via an opt-out approach, and all existing 2011 pilot participants, as well as, other additional new participants were acquired through an opt-in campaign.

The 2012 pilots have been the Company's most successful from an acquisition standpoint. The Company acquired nearly 200 customers on TD 2012 across the three offerings and was able to acquire over 725 customers on PTR 3.0, including 400 customers through the opt-out acquisition. This successful acquisition campaign allowed the Company to exceed 1,000 participants for the first time, however, the scale was short-lived. Shortly after acquisition, the City of Cincinnati aggregated, causing the pilots to lose over 170 customers. The initial results of the pilots appear to be positive and the pilots continue to provide the Collaborative with valuable insights. As final results become available, the Company will make them available to the Smart Grid Collaborative and the Commission.

IV. Proposed Rate TD-13

After considering its time-differentiated pilots to date, the Company believes that it has tested many facets of time-differentiated pricing, and believes that there are two major

components that it still need to be assessed with respect to the effectiveness and attractiveness of rates to customers. First, the Company would like to assess the impact that occur when customers are given a choice regarding when peak periods occur, and the Company also wishes to understand the persistence of those impacts. For those reason, in this application the Company is proposing Tariff Rate TD-13, a time differentiated rate pilot. The Company, as with all of its pilots, has vetted the rationale and structure of the TD-13 with its Smart Grid Collaborative and incorporated the feedback it has received in the rate design proposed in the TD-13 Tariff. The basic rate structure is similar to TD 2012 and the TD Lite Pilot offered in 2011, as it features three seasons and two rate periods. The Summer season will run June through August and feature a peak period lasting from 1PM to 7PM. The Winter Season will run December through February and will feature a peak period lasting from 7AM to 1PM. The remainder of the year Fall/Spring season will be all off-peak. The significant difference in this tariff, as compared to others, is that customers will be able to select a three hour block within the peak period for both the Summer and Winter Seasons. In other words, at the customer's selection, the customer will select peak pricing for only half of the potential peak hours. Since there are only three peak hours per day versus five or six, the peak to off peak price differential is higher than under TD-2012 and is approximately 8 to 1. Due to the flexibility in the offering, there will be a total of nine different configurations of the pilot that a customer can choose to participate in, as shown in the table below

1	Summer	1:00 PM to 4:00 PM
	Winter	7:00 AM to 10:00 AM
2	Summer	1:00 PM to 4:00 PM
	Winter	8:00 AM to 11:00 AM
3	Summer	1:00 PM to 4:00 PM
	Winter	10:00 AM to 1:00 PM
4	Summer	3:00 PM to 6:00 PM
	Winter	7:00 AM to 10:00 AM
5	Summer	3:00 PM to 6:00 PM
	Winter	8:00 AM to 11:00 AM
6	Summer	3:00 PM to 6:00 PM
	Winter	10:00 AM to 1:00 PM
7	Summer	4:00 PM to 7:00 PM
	Winter	7:00 AM to 10:00 AM
8	Summer	4:00 PM to 7:00 PM
	Winter	8:00 AM to 11:00 AM
9	Summer	4:00 PM to 7:00 PM
	Winter	10:00 AM to 1:00 PM

By allowing customers to choose a shorter peak period, the Company will be able to assess if the flexibility will make participation more attractive and potentially allow the Company to acquire more customers. The Company will also be able to understand the dynamics related to customers taking on more significant behavioral changes, since they can do it over a shorter period.

The other significant feature of the Rate TD-13 pilot is that the Company is requesting the pilot's duration be 24 months rather than 12 months that was the duration of all of its prior pilots. It is thought that a longer pilot will allow the Company to assess the persistence of customers' response to price signals included in the pilot. It is important to assess the long term satisfaction of customers on a time-differentiated rates and their willingness to respond to the price signals over a period longer than twelve months.

The Company will target 5,000 customers for this pilot acquisition. While this target appears to be aggressive given past acquisitions, the Company believes that the rate will be more attractive given the enhanced customer flexibility and the removal of many of the prior system-related barriers. These added features should aid in acquisition. Due to recent enhancements in billing system functionality, customers choosing to participate in the pilots can be on budget billing and other payment arrangements (excluding PIPP) and customers will be able to receive consolidated bills.

In order to ensure the Company can most effectively acquire customers for the pilot, the Company request expedited approval of the pilot.

V. Conclusion

For the reasons set forth above, and for the limited number of customers proposed, Duke Energy Ohio respectfully requests that the Commission accept and approve Pilot Rate TD-13. Upon approval of the Application, Duke Energy Ohio will file a sufficient number of copies of its tariff sheets, as directed by the Commission.

Respectfully submitted,



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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.

[JKL1] 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

<u>(a) Customer Charge</u>	
Single Phase	<u>\$5.50 per month</u>
Three Phase	<u>\$8.00 per month</u>
<u>(b) Energy Charge</u>	
	<u>\$0.022126 per kWh</u>

Summer Period

Issued pursuant to an Order dated
Commission of Ohio.

in Case No. 12-609-EL-ATA before the Public Utilities

Issued:

Effective:

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- ~~1. Distribution Charges~~
~~— (a) Customer Charge~~
~~— Single Phase \$5.50 per month~~
~~— Three Phase \$8.00 per month~~

~~NET MONTHLY BILL (Continued)~~

~~NET MONTHLY BILL (Continued)~~

	<u>Summer Period</u>
(b) Energy Charge	
On Peak	\$0.022126 per kWh
kilowatt-hours	
Off Peak	\$0.022126 per kWh
kilowatt-hours	

~~NET MONTHLY BILL (Continued)~~

~~i. BILLING PERIODS~~

~~For purposes of administration of the above distribution charges, the summer period is defined as June 1st through August 31st. The winter period is defined as December 1st through February 28th, (the 29th if a leap year). All other days are defined as spring or fall.~~

~~ii. RATING PERIODS~~

~~The rating periods applicable to the above distribution charges are as follows:~~

- ~~1. Summer On Peak Period — 1:00 p.m. to 7:00 p.m. Monday through Friday, excluding holidays.~~
- ~~2. Winter On Peak Period — 7:00 a.m. to 1:00 p.m. Monday through Friday, excluding holidays.~~
- ~~3. 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.~~

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

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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

NET MONTHLY BILL (Continued)

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

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,

WEEKDAY PEAK PERIOD OPTIONS UNDER RIDERS RE, RC AND ESSC (Continued)

the following Monday is considered a holiday All other hours not included in those six (6) designated hours constitute the summer, winter, spring and fall Off Peak Periods.

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____ 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 ESSC

ELECTRIC SECURITY STABILIZATION 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.

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 trued-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)
Rates RS, RS3P, RSLI, Residential Service	
Summer, First 1000 kWh	\$0.006998
Summer, Additional kWh	\$0.009299
Winter, First 1000 kWh	\$0.006998
Winter, Additional kWh	\$0.001615
Rate ORH, Optional Residential Service with Electric Space Heating	
Summer, First 1000 kWh	\$0.006380
Summer, Additional kWh	\$0.008008
Summer, kWh greater than 150 times demand	\$0.008008
Winter, First 1000 kWh	\$0.006379
Winter, Additional kWh	\$0.002421
Winter, kWh greater than 150 times demand	\$0.000830
Rate TD-AM, Time-of-Day Rate For Residential Service	
With Advance Metering	
Summer, On Peak	\$0.011951
Summer, Off Peak	\$0.003525
Summer, Shoulder	\$0.009300
Winter, On Peak	\$0.010003
Winter, Off Peak	\$0.003395
Winter, Shoulder	\$0.005285

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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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Cancels and Supersedes
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CHARGES (Contd.)

Tariff Sheet	ESSC Charge (per kWh/kW)
Rate TD-2012 BASE, Optional Time-of-Day Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.018713
Winter, On Peak	\$0.015014
Off Peak	\$0.005660
Rate TD-2012 PLUS, Optional Time-of-Day Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.026199
Winter, On Peak	\$0.021020
Off Peak	\$0.004974
Rate TD-2012 MAX, Optional Time-of-Day Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.033684
Winter, On Peak	\$0.027026
Off Peak	\$0.004288
Rate TD-13, Optional Time-of-Day Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.041866
Winter, On Peak	\$0.041844
Off Peak	\$0.005248
Rate TD, Optional Time-of-Day Rate	
Summer, On-Peak kWh	\$0.016994
Summer, Off-Peak kWh	\$0.000932
Winter, On-Peak kWh	\$0.012971
Winter, Off-Peak kWh	\$0.000934
Rate CUR, Common Use Residential Service	
Summer, First 1000 kWh	\$0.007361
Summer, Additional kWh	\$0.009753
Winter, First 1000 kWh	\$0.007361
Winter, Additional kWh	\$0.001761
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.024757
Summer, Off Peak	\$0.004886
Summer, Critical Peak	\$0.037274
Winter, On Peak	\$0.014732
Winter, Off Peak	\$0.004427
Spring/Fall, Off Peak	\$0.004427

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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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CHARGES (Continued)

Tariff Sheet	ESSC Charge (per kWh/kW)
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.028710
Summer, Off Peak	\$0.003775
Winter, On Peak	\$0.024243
Winter, Off Peak	\$0.003083
Spring/Fall, Off Peak	\$0.003083
Rate DS, Service at Secondary Distribution Voltage	
First 1000 kW	\$1.0496
Additional kW	\$0.8303
Billing Demand Times 300	\$0.002398
Additional kWh	\$0.000726
Rate GS-FL, Optional Unmetered for Small Fixed Loads	
kWh Greater Than or Equal to 540 Hours	\$0.004849
kWh Less Than 540 Hours	\$0.005626
Rate SFL-ADPL, Optional Unmetered Rate for Small Fixed Loads Attached Directly to Company's Power Lines	
All kWh	\$0.004849
Rate EH, Optional Rate for Electric Space Heating	
All kWh	\$0.002705
Rate DM, Secondary Distribution Service, Small	
Summer, First 2800 kWh	\$0.008052
Summer, Next 3200 kWh	\$0.000959
Summer, Additional kWh	-\$0.000279
Winter, First 2800 kWh	\$0.006105
Winter, Next 3200 kWh	\$0.000958
Winter, Additional kWh	-\$0.000329
Rate DP, Service at Primary Distribution Voltage	
First 1000 kW	\$1.2726
Additional kW	\$1.0039
Billing Demand Times 300	\$0.003281
Additional kWh	\$0.001235
Rate TS, Service at Transmission Voltage	
First 50,000 kVA	\$1.4672
Additional kVA	\$1.0576
Billing Demand Times 300	\$0.001562
Additional kWh	\$0.000947
Rate TL, Street Lighting Service	
All kWh	\$0.001896
Rate SL, Traffic Lighting Service	
All kWh	\$0.003941


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P.U.C.O. Electric No. 19
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CHARGES (Continued)

Tariff Sheet	ESSC Charge (per kWh/kW)
Rate OL, Outdoor Lighting Service All kWh	\$0.003941
Rate NSU, Street Lighting Service for Non-Standard Units All kWh	\$0.003941
Rate NSP, Private Outdoor Lighting for Non-Standard Units All kWh	\$0.003941
Rate SE, Street Lighting Service - Overhead Equivalent All kWh	\$0.003941
Rate SC, Street Lighting Service - Customer Owned Energy Only - All kWh	\$0.000027
Units - All kWh	\$0.003941
Rate UOLS, Unmetered Outdoor Lighting Electric Service All kWh	\$0.000117

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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: January 1, 2012, through May 31, 2013; June 1, 2013, through May 31, 2014; and June 1, 2014, through May 31, 2015. 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 period January 1, 2012, through May 31, 2013, 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	\$0.004649
Summer, Additional kWh	\$0.006177
Winter, First 1000 kWh	\$0.004649
Winter, Additional kWh	\$0.001073
Rate ORH, Optional Residential Service With Electric Space Heating	
Summer, First 1000 kWh	\$0.004238
Summer, Additional kWh	\$0.005319
Summer, kWh greater than 150 times demand	\$0.005319
Winter, First 1000 kWh	\$0.004238
Winter, Additional kWh	\$0.001608
Winter, kWh greater than 150 times demand	\$0.000551
Rate TD-AM, Time-of-Day Rate For Residential Service	
With Advance Metering	
Summer, On Peak	\$0.007937
Summer, Off Peak	\$0.002342
Summer, Shoulder	\$0.006177
Winter, On Peak	\$0.006644
Winter, Off Peak	\$0.002255
Winter, Shoulder	\$0.003510

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CHARGES (Contd.)

<u>Tariff Sheet</u>	<u>RC Charge</u> (per kWh/kW)
Rate TD-2012 BASE, Optional Time-of-Day Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.012430
Winter, On Peak	\$0.009969
Off Peak	\$0.003760
Rate TD-2012 PLUS, Optional Time-of-Day Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.017403
Winter, On Peak	\$0.013956
Off Peak	\$0.003304
Rate TD-2012 MAX, Optional Time-of-Day Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.022375
Winter, On Peak	\$0.017943
Off Peak	\$0.002848
Rate TD-13, Optional Time-of-Day Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.027811
Winter, On Peak	\$0.027812
Off Peak	\$0.003486
Rate TD, Optional Time-of-Day Rate	
Summer, On-Peak kWh	\$0.011286
Summer, Off-Peak kWh	\$0.000620
Winter, On-Peak kWh	\$0.008616
Winter, Off-Peak kWh	\$0.000620
Rate CUR, Common Use Residential Service	
Summer, First 1000 kWh	\$0.004889
Summer, Additional kWh	\$0.006479
Winter, First 1000 kWh	\$0.004889
Winter, Additional kWh	\$0.001170
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.016443
Summer, Off Peak	\$0.003245
Summer, Critical Peak	\$0.024757
Winter, On Peak	\$0.009785
Winter, Off Peak	\$0.002940
Spring/Fall, Off Peak	\$0.002940


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CHARGES (Continued)

<u>Tariff Sheet</u>	<u>RC Charge</u> (per kWh/kW)
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.019069
Summer, Off Peak	\$0.002507
Winter, On Peak	\$0.016102
Winter, Off Peak	\$0.002048
Spring/Fall, Off Peak	\$0.002048
Rate DS, Service at Secondary Distribution Voltage	
First 1000 kW	\$0.8649
Additional kW	\$0.6842
Billing Demand Times 300	\$0.001976
Additional kWh	\$0.000598
Rate GS-FL, Optional Unmetered For Small Fixed Loads	
kWh Greater Than or Equal to 540 Hours	\$0.004255
kWh Less Than 540 Hours	\$0.004936
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	
All kWh	\$0.004255
Rate EH, Optional Rate For Electric Space Heating	
All kWh	\$0.003572
Rate DM, Secondary Distribution Service, Small	
Summer, First 2800 kWh	\$0.005921
Summer, Next 3200 kWh	\$0.000705
Summer, Additional kWh	-\$0.000205
Winter, First 2800 kWh	\$0.004490
Winter, Next 3200 kWh	\$0.000705
Winter, Additional kWh	-\$0.000242
Rate DP, Service at Primary Distribution Voltage	
First 1000 kW	\$0.8309
Additional kW	\$0.6555
Billing Demand Times 300	\$0.002142
Additional kWh	\$0.000806
Rate TS, Service at Transmission Voltage	
First 50,000 kVA	\$0.9401
Additional kVA	\$0.6777
Billing Demand Times 300	\$0.001001
Additional kWh	\$0.000607
Rate TL, Street Lighting Service	
All kWh	\$0.003064
Rate SL, Traffic Lighting Service	
All kWh	\$0.006369
Rate OL, Outdoor Lighting Service	
All kWh	\$0.006369

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CHARGES (Continued)

<u>Tariff Sheet</u>	<u>RC Charge</u> (per kWh/kW)
Rate NSU, Street Lighting Service for Non-Standard Units All kWh	\$0.006369
Rate NSP, Private Outdoor Lighting for Non-Standard Units All kWh	\$0.006369
Rate SE, Street Lighting Service - Overhead Equivalent All kWh	\$0.006369
Rate SC, Street Lighting Service - Customer Owned Energy Only - All kWh	\$0.000043
Units – All kWh	\$0.006369
Rate UOLS, Unmetered Outdoor Lighting Electric Service All kWh	\$0.000189

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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	\$0.055230
Summer, Additional kWh	\$0.065712
Winter, First 1000 kWh	\$0.055230
Winter, Additional kWh	\$0.030700

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CHARGES (Continued)

Tariff Sheet	RE Charge (per kWh)
Rate ORH, Optional Residential Service with Electric Space Heating	
Summer, First 1000 kWh	\$0.052410
Summer, Additional kWh	\$0.059828
Summer, kWh greater than 150 times demand	\$0.059828
Winter, First 1000 kWh	\$0.052409
Winter, Additional kWh	\$0.034374
Winter, kWh greater than 150 times demand	\$0.027125
Rate TD-AM, Time-of-Day Rate For Residential Service	
With Advance Metering	
Summer, On Peak	\$0.092328
Summer, Off Peak	\$0.027237
Summer, Shoulder	\$0.071846
Winter, On Peak	\$0.080821
Winter, Off Peak	\$0.027428
Winter, Shoulder	\$0.042696
Rate TD-2012 BASE, Optional Time-of-Day Rate For Residential	
Service With Advance Metering	
Summer, On Peak	\$0.143601
Winter, On Peak	\$0.126769
Off Peak	\$0.045102
Rate TD-2012 PLUS, Optional Time-of-Day Rate For Residential	
Service With Advance Metering	
Summer, On Peak	\$0.201042
Winter, On Peak	\$0.177476
Off Peak	\$0.039635
Rate TD-2012 MAX, Optional Time-of-Day Rate For Residential	
Service With Advance Metering	
Summer, On Peak	\$0.258482
Winter, On Peak	\$0.228184
Off Peak	\$0.034168
Rate TD-13, Optional Time-of-Day Rate For Residential Service With	
Advance Metering	
Summer, On Peak	\$0.330322
Winter, On Peak	\$0.330344
Off Peak	\$0.041422
Rate TD, Optional Time-of-Day Rate	
Summer, On-Peak kWh	\$0.100771
Summer, Off-Peak kWh	\$0.027592
Winter, On-Peak kWh	\$0.082440
Winter, Off-Peak kWh	\$0.027598

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CHARGES (Continued)

Tariff Sheet	RE Charge (per kWh)
Rate CUR, Common Use Residential Service	
Summer, First 1000 kWh	\$0.056880
Summer, Additional kWh	\$0.067782
Winter, First 1000 kWh	\$0.056880
Winter, Additional kWh	\$0.031369
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.191266
Summer, Off Peak	\$0.037746
Summer, Critical Peak	\$0.287969
Winter, On Peak	\$0.119026
Winter, Off Peak	\$0.035764
Spring/Fall, Off Peak	\$0.035764
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.221811
Summer, Off Peak	\$0.029162
Winter, On Peak	\$0.195870
Winter, Off Peak	\$0.024907
Spring/Fall, Off Peak	\$0.024907
Rate DS, Service at Secondary Distribution Voltage	\$0.052642
Rate EH, Optional Rate for Electric Space Heating	\$0.052642
Rate DM, Secondary Distribution Service, Small	
Summer, First 2800 kWh	\$0.064562
Summer, Next 3200 kWh	\$0.025658
Summer, Additional kWh	\$0.018871
Winter, First 2800 kWh	\$0.053883
Winter, Next 3200 kWh	\$0.025657
Winter, Additional kWh	\$0.018596
Rate DP, Service at Primary Distribution Voltage	\$0.052642
Rate GS-FL, Optional Unmetered For Small Fixed Loads	\$0.052642
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	\$0.052642
Rate TS, Service at Transmission Voltage	\$0.050836
Rate SL, Street Lighting Service	\$0.052642
Rate TL, Traffic Lighting Service	\$0.052642
Rate OL, Outdoor Lighting Service	\$0.052642
Rate NSU, Street Lighting Service for Non-Standard Units	\$0.052642

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CHARGES (Continued)

Tariff Sheet	RE Charge (per kWh)
Rate NSP, Private Outdoor Lighting for Non-Standard Units	\$0.052642
Rate SC, Street Lighting Service - Customer Owned	\$0.052642
Rate SE, Street Lighting Service - Overhead Equivalent	\$0.052642
Rate UOLS, Unmetered Outdoor Lighting Electric Service	\$0.052642

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Summary: Application Duke Energy Ohio, Inc.'s Application for Pilot Tariff Approval electronically filed by Carys Cochern on behalf of Watts, Elizabeth H. Ms.