

# Large Filing Separator Sheet

Case Number: 17-1263-EL-SSO  
17-1264-EL-ATA  
17-1265-EL-AAM

Date Filed: 6/1/2017

Part 6 of 6

Number of Pages: 94

Description of Document: Application continued  
(Testimonies of James E.  
Ziolkowski, Part 2 of 2)

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 87.3  
Cancels and Supersedes  
Sheet No. 87.2  
Page 1 of 4

**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.

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. 87.3  
Cancels and Supersedes  
Sheet No. 87.2  
Page 2 of 4

#### **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

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. 87.3  
Cancels and Supersedes  
Sheet No. 87.2  
Page 3 of 4

---

#### **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.

---

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. 87.3  
Cancels and Supersedes  
Sheet No. 87.2  
Page 4 of 4

---

**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.

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. 88.5  
Cancels and Supersedes  
Sheet No. 88.4  
Page 1 of 1

---

**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.

**CHARGE**

A charge of \$0.000734 per kWh shall be applied to all kWh delivered to residential customers. A charge of \$0.31 per bill shall be applied to each non-residential customer.

Filed pursuant to an Order dated December 21, 2016 in Case No. 16-1259-EL-UEx before the Public Utilities Commission of Ohio.

Issued: December 21, 2016

Effective: January 3, 2017

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. 89.05  
Cancels and Supersedes  
Sheet No. 89.04  
Page 1 of 3

**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 Integration Transmission Service – Pursuant to Attachment H-22A

Transmission Expansion Planning Costs billed directly or indirectly from the Midcontinent 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	\$0.007841
Rate ORH, Optional Residential Service With Electric Space Heating All kWh	\$0.007841
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering All kWh	\$0.007841

Filed pursuant to an Order dated September 14, 2016 in Case No. 16-1514-EL-RDR before the Public Utilities Commission of Ohio.

Issued: September 21, 2016

Effective: September 29, 2016

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. 89.05  
Cancels and Supersedes  
Sheet No. 89.04  
Page 2 of 3

<u>BTR Charge Tariff Sheet</u>	<u>BTR Charge</u> (per kWh/kW)
Rate TD, Optional Time-of-Day Rate All kWh	\$0.007841
Rate CUR, Common Use Residential Rate All kWh	\$0.007841
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering All kWh	\$0.007841
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering All kWh	\$0.007841
Rate DS, Service at Secondary Distribution Voltage All kW	\$2.143500
Rate GS-FL, Optional Unmetered For Small Fixed Loads All kWh	\$0.007535
Rate EH, Optional Rate For Electric Space Heating All kWh	\$0.008764
Rate DM, Secondary Distribution Service, Small All kWh	\$0.007830
Rate DP, Service at Primary Distribution Voltage All kW	\$2.124300
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines All kWh	\$0.007535
Rate TS, Service at Transmission Voltage All kVA	\$2.257900
Rate SL, Street Lighting Service All kWh	\$0.001309
Rate TL, Traffic Lighting Service All kWh	\$0.001309
Rate OL, Outdoor Lighting Service All kWh	\$0.001309
Rate NSU, Street Lighting Service for Non-Standard Units All kWh	\$0.001309
Rate NSP, Private Outdoor Lighting for Non-Standard Units All kWh	\$0.001309
Rate SC, Street Lighting Service - Customer Owned All kWh	\$0.001309
Rate SE, Street Lighting Service - Overhead Equivalent All kWh	\$0.001309
Rate UOLS, Unmetered Outdoor Lighting Electric Service All kWh	\$0.001309

Filed pursuant to an Order dated September 14, 2016 in Case No. 16-1514-EL-RDR before the Public Utilities Commission of Ohio.

Issued: September 21, 2016

Effective: September 29, 2016

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. 89.05  
Cancels and Supersedes  
Sheet No. 89.04  
Page 3 of 3

RTEP Credit

Tariff Sheet

RTEP Credit

	(per kWh)
Rate RS, RSLI, RS3P, Residential Service	\$0.001073
Rate ORH, Optional Residential Service With Electric Space Heating	\$0.001073
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering	\$0.001073
Rate TD, Optional Time-of-Day Rate	\$0.001073
Rate CUR, Common Use Residential Rate	\$0.001073
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering	\$0.001073
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering	\$0.001073
Rate DS, Service at Secondary Distribution Voltage	\$0.000750
Rate EH, Optional Rate For Electric Space Heating	\$0.000750
Rate DM, Secondary Distribution Service, Small	\$0.000750
Rate DP, Service at Primary Distribution Voltage	\$0.000750
Rate GS-FL, Optional Unmetered For Small Fixed Loads	\$0.000750
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	\$0.000750
Rate TS, Service at Transmission Voltage	\$0.000750
Rate SL, Street Lighting Service	\$0.000750
Rate TL, Traffic Lighting Service	\$0.000750
Rate OL, Outdoor Lighting Service	\$0.000750
Rate NSU, Street Lighting Service for Non-Standard Units	\$0.000750
Rate NSP, Private Outdoor Lighting for Non-Standard Units	\$0.000750
Rate SC, Street Lighting Service - Customer Owned	\$0.000750
Rate SE, Street Lighting Service - Overhead Equivalent	\$0.000750
Rate UOLS, Unmetered Outdoor Lighting Electric Service	\$0.000750

Filed pursuant to an Order dated September 14, 2016 in Case No. 16-1514-EL-RDR before the Public Utilities Commission of Ohio.

Issued: September 21, 2016

Effective: September 29, 2016

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. 90.8  
Cancels and Supersedes  
Sheet No. 90.7  
Page 1 of 4

## 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

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. 90.8  
Cancels and Supersedes  
Sheet No. 90.7  
Page 2 of 4

#### **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>,  $CC_t = MVG_t \times 80\% \times LAF$

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. 90.8  
Cancels and Supersedes  
Sheet No. 90.7  
Page 3 of 4

**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

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. 90.8  
Cancels and Supersedes  
Sheet No. 90.7  
Page 4 of 4

---

#### **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.

---

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. 91.3  
Cancels and Supersedes  
Sheet No. 91.2  
Page 1 of 1

---

## **BAD CHECK CHARGE**

### **APPLICABILITY**

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

### **CHARGE**

The Company may charge and collect a fee of \$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.

---

Issued: March 31, 2006

Effective: April 3, 2006

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. 92.3  
Cancels and Supersedes  
Sheet No. 92.2  
Page 1 of 1

---

## 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.

---

Issued: March 31, 2006

Effective: April 3, 2006

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  
Page 1 of 2

## **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  
Page 2 of 2

---

#### **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.

---

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 Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 94.2  
Cancels and Supersedes  
Sheet No. 94.1  
Page 1 of 2

**RIDER BDP**

**BACKUP DELIVERY POINT CAPACITY RIDER**

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

The Company will normally supply service to one premise at one standard voltage at one delivery point and through one meter to a Non-Residential Customer in accordance with the provisions of the applicable rate schedule and the Electric Service Regulations. Upon customer request, 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.

**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 April 2, 2015 in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

Issued: May 11, 2015

Issued by James P. Henning, President

Effective: June 1, 2015

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 94.2  
Cancels and Supersedes  
Sheet No. 94.1  
Page 2 of 2

---

**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.

Filed pursuant to an Order dated April 2, 2015 in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

---

Issued: May 11, 2015

Issued by James P. Henning, President

Effective: June 1, 2015

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 95.4  
Cancels and Supersedes  
Sheet No. 95.3  
Page 1 of 1

---

**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.

---

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

Issued: December 19, 2011

Effective: January 1, 2012

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. 96.3  
Cancels and Supersedes  
Sheet No. 96.2  
Page 1 of 1

---

## **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**

**Standard Meter Tests** \$41.00  
(See Company's Electric Service Regulations; Sheet No. 24)

**Installation Charges of Interval Meters and Equipment**

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.

---

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

Issued by James P. Henning, President

Effective: January 5, 2009

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 97.03  
Cancels and Supersedes  
Sheet No. 97.02  
Page 1 of 2

## 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.

Issued: January 22, 2014

Effective: January 31, 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. 97.03  
Cancels and Supersedes  
Sheet No. 97.02  
Page 2 of 2

---

**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.

---

Issued: January 22, 2014

Effective: January 31, 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. 98.9  
Cancels and Supersedes  
Sheet No. 98.8  
Page 1 of 4

## 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.

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. 98.9  
Cancels and Supersedes  
Sheet No. 98.8  
Page 2 of 4

---

**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%).

---

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. 98.9  
Cancels and Supersedes  
Sheet No. 98.8  
Page 3 of 4

---

**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.

---

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. 98.9  
Cancels and Supersedes  
Sheet No. 98.8  
Page 4 of 4

---

#### **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.

---

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. 99.2  
Cancels and Supersedes  
Sheet No. 99.1  
Page 1 of 2

**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 James P. Henning, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 99.2  
Cancels and Supersedes  
Sheet No. 99.1  
Page 2 of 2

---

**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.

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 James P. Henning, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Original Sheet No. 101  
Page 1 of 1

---

**RIDER DSR**  
**DISTRIBUTION STORM RIDER**

**APPLICABILITY**

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

**DISTRIBUTION STORM RIDER**

All retail jurisdictional customers shall be assessed a charge/credit to recover/refund the costs incurred by the Company due to major storms above or below the amount in base rates. 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
Rate TS	\$0.00 per kVA
Lighting (SL, TL, OL, NSU, NSP, SC, SE, UOLS	\$0.00 per month

Issued Pursuant to an Order dated April 2, 2015 in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

---

Issued: May 11, 2015

Issued by James P. Henning, President

Effective: June 1, 2015

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 102.1  
Cancels and Supersedes  
Sheet No. 102  
Page 1 of 1

---

## **RATE AER**

### **RENEWABLE ENERGY CERTIFICATE PURCHASE OFFER RIDER**

#### **AVAILABILITY**

This rider is applicable to all residential customers currently taking electric distribution service at their primary residence. This rider 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.

---

Issued: October 29, 2010

Effective: October 29, 2010

Issued by James P. Henning, President

Rate AER  
Exhibit 1

**Residential Renewable Energy Certificate Purchase Offer Agreement**

THIS RESIDENTIAL RENEWABLE ENERGY CERTIFICATE (REC) PURCHASE OFFER AGREEMENT ("Agreement") is made and entered into by and between Duke Energy Ohio, Inc., hereinafter called the "Company," and \_\_\_\_\_, hereinafter called the "Customer," collectively the "Parties" or individually the "Party"), and is effective as of \_\_\_\_\_, 20\_\_\_\_.

**WITNESSETH**

WHEREAS, the Company is an electric distribution utility and electric light company, as defined in R.C. §4928.01(A); and

WHEREAS, Customer is a residential customer in Duke Energy Ohio's service area, currently taking retail electric service at their primary residence under one of the Company's Residential Tariffs (RS, ORH, TD-AM, TD, CUR, RS3P and RSLI).

NOW THEREFORE, in consideration of the mutual promises set forth herein, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties, intending to be legally bound, do hereby agree as follows:

1. Residential Customer: Customer represents and warrants that Customer is a residential electric distribution customer of Company, and that Customer owns a customer-sited solar photovoltaic or solar thermal energy project in the state of Ohio that has been certified as a Ohio Renewable Energy Resource Generation Facility by the Public Utilities Commission of Ohio (the "Project") and is registered with the Generating Attributes Tracking System ("GATS") or the Midwest Renewable Energy Tracking System ("MRETS"). Customer further represents and warrants that Customer has signed and completed the Company's Interconnection documents contained in Rate IS – Interconnection Service and currently participates in the Company's Net Metering Rider, Rate NM – Net Metering. If Customer is not a generation service customer of the Company, then the Company will not credit the Customer for electricity generated in excess of usage under Rate NM.

2. Fully Aggregated REC(s): Customer expects its Project will generate one or more REC(s), on an annual basis, and understands that a renewable energy credit means the fully aggregated environmental attributes associated with one megawatt-hour of electricity generated by a renewable energy resource derived from Customer's Project which is equivalent to one (1) REC. Customer shall be responsible for tracking and recording renewable energy that amounts to less than one (1) megawatt- hour. Such renewable energy shall not be counted as one (1) REC until such time it amounts to one (1) megawatt-hour of electricity derived from Customer's Project.

3. Purchase Price and Payment: Company hereby agrees to purchase the whole REC(s) from Customer's Project. The purchase price and purchase commitments shall be based on the



Rate AER  
Exhibit 1

current market prices based on public market information sources, public market information sources include processes such as Request for Proposals for RECs, public REC trading reporting services, or other market sources. For the 2010 vintage REC acquisitions the payment shall be \$300.00 per solar REC. The Company will update its purchase price each year based upon current market pricing. The Company will pay for actual generation of whole RECs for a one year calendar period at the end of the generation period.

**Payment:** Customer will forward Company an invoice detailing the amount owed and payment instructions. Within ten (10) business days after the later of (i) the day upon which Customer transfers RECS into Company's account on GATS or MRETS system or (ii) receipt of the Affidavit of Performance from Customer or (iii) receipt of Customer's invoice, Company shall pay Customer for the RECs.

**Funds:** All funds to be paid directly to Customer under this Agreement shall be rendered in the form of immediately available funds (US Dollars) by electronic transfer to the following account:

Bank Name: \_\_\_\_\_

Bank Account No.: \_\_\_\_\_

American Banking Association No.: \_\_\_\_\_

**Project Criteria:** Customer acknowledges and agrees that the Project must meet the following criteria:

- i. Customer must attach a copy of the Affidavit of Performance (Attachment A).
- ii. Projects will have a utility grade meter in accordance to P.U.C.O solar project size guidelines and will be provided by the customer, at its own cost and expense, on the output side of the inverter where kilowatt-hours can be measured and verified.
- iii. Project must be attached as a permanent fixture at the Customer's property (service address).
- iv. Renewable energy delivered from a Project shall be calculated at a minimum by reading the output of the meter at two different points of the year (i.e., January 1 to December 31) and/or in accordance with the GATS or MRETS reporting requirements.

4. **Term:** The initial term of this Agreement is for fifteen years from the date of the agreement, unless the Agreement is terminated pursuant to paragraph 8 below.

5. **Assignment of REC(s):** Customer shall direct the REC(s) into GATS or MRETS system to the Company's account. The Company shall supply necessary account information for this purpose. The Company shall require and shall only accept REC(s) that Customer has created in the GATS or MRETS system. Customer shall also complete the Affidavit of Performance, attached hereto as Attachment A.

Rate AER  
Exhibit 1

6. **Inspection and Audit:** After providing reasonable notice, Company has the right to inspect and audit the performance of the Project. Company will provide Customer, upon written request, a copy of any report generated as a result of the inspection and audit. Notwithstanding the foregoing, it shall be the sole responsibility of Customer to operate, maintain, repair, and inspect the Project to ensure its proper working order.

7. **Attestation:** Customer hereby agrees to submit an Affidavit of Performance, at the end of each calendar year, attesting to the current condition of the Project and the number of REC(s) the Project delivered. Customer shall create and maintain GATS or MRETS account to facilitate the transfer of the certified REC(s) to the Company and shall take necessary action to point the REC to Duke Energy Ohio's account.

8. **Termination:** This Agreement shall immediately terminate upon the following occurrences: (i) Project ceases to be a permanent fixture on Customer-owned property; (ii) Project materially fails to function in such a manner as to produce renewable energy megawatt hours; (iii) the Public Utilities Commission of Ohio revokes the Project's certification; (iv) the Public Utilities Commission of Ohio disallows cost recovery for any REC(s) the Company purchased in connection with this Agreement or Company's reasonable administrative costs; or (v) the term of the Agreement expires, ceases, fails, revokes, or is disallowed; or (vi) customer ceases taking electric distribution service from the Company.

9. **Limitation of Liability and Indemnification:** Customer shall assume all liability for and shall indemnify Company for any claims, losses, costs, and expenses of any kind or character to the extent that they result from Customer's negligence in connection with the design, construction or operation of its Project. Such indemnity shall include, but is not limited to, financial responsibility for: (a) Company's monetary losses; (b) reasonable costs and expenses of defending an action or claim made by a third person; (c) damages related to the death or injury of a third person; (d) damages to the property of Company; (e) damages to the property of a third person; (f) damages for the disruption of the business of a third person. This paragraph does not create a liability on the part of the Customer to the Company or a third person, but requires indemnification where such liability exists. The limitations of liability provided in this paragraph do not apply in cases of gross negligence or intentional wrongdoing. Notwithstanding the foregoing, Customer shall reimburse the Company for any regulatory penalties assessed against the Company for non-compliance with alternative energy benchmarks due to the negligence of the Customer or the failure of the Project for which the Customer has control and responsibility.

10. **Notices:** Unless otherwise stated herein, all notices, demands, or requests required or permitted under this Agreement must be in writing and must be delivered or sent by overnight express mail, courier service, addressed as follows:

Rate AER  
Exhibit 1

If to the Customer:

[Customer Name]  
[Address]  
[Telephone]

If to the Company:

Duke Energy Ohio, Inc.  
Legal Department/Regulatory  
P.O. Box 960  
Cincinnati, Ohio 45201-0960

Or to such other person at such other address as a Party may designate by like notice to the other Party. Notice received after the close of the business day will be deemed received on the next business day by 5:00 p.m., Eastern Standard Time.

11. Entire Agreement: This Agreement contains the Parties' entire understanding with respect to the matters addressed herein and there are no verbal or collateral representations, undertakings, or agreements not expressly set forth herein. No change in, addition to, or waiver of the terms of this Agreement shall be binding upon any of the Parties unless the same is set forth in writing and signed by an authorized representative of each of the Parties.

12. Assignment: Customer may not assign any of its rights or obligations under this Agreement without obtaining the prior written consent of the Company. No assignment of this Agreement will relieve the assigning Party of any of its obligations under this Agreement until such obligations have been assumed by the assignee and all necessary consents have been obtained.

13. Legal Jurisdiction and Interpretation: This Agreement in its entirety will be administered and subject to the laws of the state of Ohio.

14. Acceptance: The Parties hereby acknowledge their acceptance of the terms of this Agreement by signing below:

\_\_\_\_\_  
Customer Name (Print)

\_\_\_\_\_  
Company Representative (Print)

\_\_\_\_\_  
Customer Signature

\_\_\_\_\_  
Company Representative (Signature)

\_\_\_\_\_  
Address Line 1

\_\_\_\_\_  
Address Line 1

\_\_\_\_\_  
Address Line 2

\_\_\_\_\_  
Address Line 2

\_\_\_\_\_  
Phone Number

\_\_\_\_\_  
Phone Number

Rate AER  
Exhibit 1

Attachment A

AFFIDAVIT OF PERFORMANCE

State of Ohio:

County of \_\_\_\_\_:

\_\_\_\_\_, Affiant, being duly sworn, affirmed according to law, deposes  
and says that:

1. I am the duly authorized representative of the solar project located at \_\_\_\_\_.
2. I have personally examined and am familiar with all information contained in the Residential Renewable Energy Certificate Purchase Offer Agreement (Agreement), including any exhibits and attachments, and that based upon my inquiry of those persons immediately responsible for obtaining the information contained in the Agreement, I believe that the information is true, accurate and complete.
3. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

The Statement:

As of \_\_\_\_\_, \_\_\_\_\_ located at \_\_\_\_\_ continued to be in  
(Date) (Project)

good working order with no material corrective actions pertaining to safety and/or operation warranting attention. Further, the Project delivered the quantity of Renewable Energy Certificates (REC) and I now assign those REC(s) to Duke Energy Ohio, Inc.

Meter Read Date

\_\_\_\_\_ Start: \_\_\_\_\_

\_\_\_\_\_ End: \_\_\_\_\_

Total REC(s) delivered \_\_\_\_\_

Sworn and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_,

\_\_\_\_\_ Month/Year

\_\_\_\_\_  
Signature of Affiant & Title

\_\_\_\_\_  
Notary Signature

\_\_\_\_\_  
Print Name and Title

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 103.6  
Cancels and Supersedes  
Sheet No. 103.5  
Page 1 of 1

---

**RIDER DCI  
DISTRIBUTION CAPITAL INVESTMENT RIDER**

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 Providers. This tariff does not apply to customers taking service under Rate TS, service at transmission voltage.

All retail jurisdictional customers shall be assessed a charge of 9.183% of the customer's applicable base distribution charges (*i.e.*, customer charge plus base distribution charge) to recover the revenue requirement associated with incremental distribution capital costs incurred by the Company. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

Filed pursuant to an Order dated April 2, 2015 in Case No.14-841-EL-SSO before the Public Utilities Commission of Ohio.

---

Issued: October 26, 2016

Effective: January 3, 2017

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. 104.9  
Cancels and Supersedes  
Sheet No. 104.8  
Page 1 of 1

---

**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 1, 2016:

Rate RS, RSLI & RS3P	\$6.28 per month
Rate ORH	\$6.28 per month
Rate TD	\$6.28 per month
Rate TD-13	\$6.28 per month
Rate CUR	\$6.28 per month
Rate DS	\$9.35 per month
Rate EH	\$9.35 per month
Rate DM	\$9.35 per month
Rate DP	\$9.35 per month

Filed pursuant to an Order dated March 31, 2016 in Case No.15-0883-GE-RDR before the Public Utilities Commission of Ohio.

---

Issued: March 31, 2016

Effective: April 1, 2016

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. 105.9  
Cancels and Supersedes  
Sheet No. 105.8  
Page 1 of 1

---

**RIDER DR-ECF**

**ECONOMIC COMPETITIVENESS FUND RIDER**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Filed pursuant to an Order dated \_\_\_\_ in Case No. 17-1263-EL-SSO before the Public Utilities  
Commission of Ohio.

---

Issued:

Effective: June 1, 2018

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. 106.5  
Cancels and Supersedes  
Sheet No. 106.4  
Page 1 of 1

---

**RIDER DR-SAWR**  
**ENERGY EFFICIENCY RECOVERY RATE**  
**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Issued by authority of an Order by the Public Utilities Commission of Ohio dated April 2, 2015 in Case No. 14-841-EL-SSO.

---

Issued: May 11, 2015

Effective: June 1, 2015

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. 107.2  
Cancels and Supersedes  
Sheet No. 107.1  
Page 1 of 1

---

**RIDER DR-SAW**

**ENERGY EFFICIENCY COST RECOVERY RIDER**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Filed pursuant to an Order dated April 2, 2015 in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

---

Issued: May 11, 2015

Effective: June 1, 2015

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. 108.7  
Cancels and Supersedes  
Sheet No. 108.6  
Page 1 of 1

---

**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 uncollectible accounts expense 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 \$0.000505 per kWh shall be applied to all kWh delivered to residential customers. A charge of \$0.39 per bill shall be applied to each non-residential customer.

Filed pursuant to an Order dated December 21, 2016 in Case No.16-1260-EL-UEx before the Public Utilities Commission of Ohio.

---

Issued: December 27, 2016

Issued by James P. Henning, President

Effective: January 3, 2017

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
No. 109.04  
Cancels and Supersedes  
Sheet No. 109.03  
Page 1 of 1

---

**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.

---

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. 110.19  
Cancels and Supersedes  
Sheet No. 110.18  
Page 1 of 1

---

**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 of all 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 \$0.000444 per kWh shall be applied to all kWh delivered to all applicable customers.

Filed pursuant to an Order dated April 2, 2015 in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

---

Issued: November 29, 2016

Effective: January 3, 2017

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. 111.7  
Cancels and Supersedes  
Sheet No. 111.6  
Page 1 of 3

**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. 14-841-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 approved by the Commission. 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 2016 through May 2017, the following Rider RC rates apply:

<u>Tariff Sheet</u>	<u>RC Charge (per kWh/kW)</u>
Rates RS, RS3P, RSLI, Residential Service (Non-PIPP)	
Summer, First 1000 kWh	\$0.010553
Summer, Additional kWh	\$0.010553
Winter, First 1000 kWh	\$0.010553
Winter, Additional kWh	\$0.005537
Rate ORH, Opt Res Service With Electric Space Heating (Non-PIPP)	
Summer, First 1000 kWh	\$0.009418
Summer, Additional kWh	\$0.009418
Summer, kWh greater than 150 times demand	\$0.009418
Winter, First 1000 kWh	\$0.009418
Winter, Additional kWh	\$0.003973
Winter, kWh greater than 150 times demand	\$0.002970
Rate TD-13, Optional Time-of-Day Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.054225
Winter, On Peak	\$0.050461
Off Peak	\$0.003024

Filed pursuant to an Order dated May 4, 2016 in Case No. 16-940-EL-UNC before the Public Utilities Commission of Ohio.

Issued: May 13, 2016

Effective: June 1, 2016

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. 111.7  
Cancels and Supersedes  
Sheet No. 111.6  
Page 2 of 3

**CHARGES (Contd.)**

<u>Tariff Sheet</u>	<u>RC Charge</u> <u>(per kWh/kW)</u>
Rate TD, Optional Time-of-Day Rate	
Summer, On-Peak kWh	\$0.027310
Summer, Off-Peak kWh	\$0.001500
Winter, On-Peak kWh	\$0.020846
Winter, Off-Peak kWh	\$0.001501
Rate CUR, Common Use Residential Service	
Summer, First 1000 kWh	\$0.010425
Summer, Additional kWh	\$0.010425
Winter, First 1000 kWh	\$0.010425
Winter, Additional kWh	\$0.008859
Rate DS, Service at Secondary Distribution Voltage	
First 150 kWh per kW	\$0.018865
Next 150 kWh per kW	\$0.002262
Next 150 kWh per kW	\$0.001133
Additional kWh	\$0.000377
Rate GS-FL, Optional Unmetered For Small Fixed Loads	
kWh Greater Than or Equal to 540 Hours	\$0.009935
kWh Less Than 540 Hours	\$0.011527
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads	
Attached Directly to Company's Power Lines	
All kWh	\$0.009935
Rate EH, Optional Rate For Electric Space Heating	
All kWh	\$0.010657
Rate DM, Secondary Distribution Service, Small	
Summer, First 2800 kWh	\$0.010000
Summer, Next 3200 kWh	\$0.010000
Summer, Additional kWh	\$0.005888
Winter, First 2800 kWh	\$0.010000
Winter, Next 3200 kWh	\$0.010000
Winter, Additional kWh	\$0.005888
Rate DP, Service at Primary Distribution Voltage	
First 150 kWh per kW	\$0.020038
Next 150 kWh per kW	\$0.001955
Next 150 kWh per kW	\$0.001195
Additional kWh	\$0.000497
Rate TS, Service at Transmission Voltage	
First 150 kWh per kVA	\$0.019197
Next 150 kWh per kVA	\$0.002185
Next 150 kWh per kVA	\$0.001275
Additional kWh	\$0.000473

Filed pursuant to an Order dated May 4, 2016 in Case No. 16-940-EL-UNC before the Public Utilities Commission of Ohio.

Issued: May 13, 2016

Effective: June 1, 2016

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. 111.7  
Cancels and Supersedes  
Sheet No. 111.6  
Page 3 of 3

**CHARGES (Continued)**

<u>Tariff Sheet</u>	<u>RC Charge (per kWh/kW)</u>
Rate SL, Street Lighting Service All kWh	\$0.001145
Rate TL, Traffic Lighting Service All kWh	\$0.000714
Rate OL, Outdoor Lighting Service All kWh	\$0.001145
Rate NSU, Street Lighting Service for Non-Standard Units All kWh	\$0.001145
Rate NSP, Private Outdoor Lighting for Non-Standard Units All kWh	\$0.001145
Rate SE, Street Lighting Service - Overhead Equivalent All kWh	\$0.001145
Rate SC, Street Lighting Service - Customer Owned Energy Only - All kWh	\$0.000020
Units - All kWh	\$0.001145
Rate UOLS, Unmetered Outdoor Lighting Electric Service All kWh	\$0.000031
Rates RS, RS3P, RSLI, Residential Service (PIPP) Summer, First 1000 kWh	\$0.010426
Summer, Additional kWh	\$0.010426
Winter, First 1000 kWh	\$0.010426
Winter, Additional kWh	\$0.005471
Rate ORH, Opt Res Service With Electric Space Heating (PIPP) Summer, First 1000 kWh	\$0.009305
Summer, Additional kWh	\$0.009305
Summer, kWh greater than 150 times demand	\$0.009305
Winter, First 1000 kWh	\$0.009305
Winter, Additional kWh	\$0.003926
Winter, kWh greater than 150 times demand	\$0.002934

Filed pursuant to an Order dated May 4, 2016 in Case No. 16-940-EL-UNC before the Public Utilities Commission of Ohio.

Issued: May 13, 2016

Effective: June 1, 2016

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. 112.7  
Cancels and Supersedes  
Sheet No. 112.6  
Page 1 of 3

**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.

**CHARGES**

The charge for each respective electric service rate schedule is:

<u>Tariff Sheet</u>	<u>RE Charge</u> <u>(per kWh)</u>
Rates RS, RSLI, & RS3P, Residential Service (Non-PIPP)	
Summer, First 1000 kWh	\$0.052210
Summer, Additional kWh	\$0.052356
Winter, First 1000 kWh	\$0.052210
Winter, Additional kWh	\$0.037752

Filed pursuant to an Order dated May 4, 2016 in Case No.16-940-EL-UNC before the Public Utilities Commission of Ohio.

Issued: May 13, 2016

Issued by James P. Henning, President

Effective: June 1, 2016



Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 112.7  
Cancels and Supersedes  
Sheet No. 112.6  
Page 2 of 3

**CHARGES (Continued)**

<u>Tariff Sheet</u>	<u>RE Charge (per kWh)</u>
Rate ORH, Opt Res Service with Electric Space Heating (Non-PIPP)	
Summer, First 1000 kWh	\$0.048504
Summer, Additional kWh	\$0.044115
Summer, kWh greater than 150 times demand	\$0.044115
Winter, First 1000 kWh	\$0.048503
Winter, Additional kWh	\$0.034176
Winter, kWh greater than 150 times demand	\$0.032421
Rate TD-13, Optional Time-of-Day Rate For Residential Service With Advance Metering	
Summer, On Peak	\$0.282607
Winter, On Peak	\$0.277452
Off Peak	\$0.040464
Rate TD, Optional Time-of-Day Rate	
Summer, On-Peak kWh	\$0.126085
Summer, Off-Peak kWh	\$0.034429
Winter, On-Peak kWh	\$0.098593
Winter, Off-Peak kWh	\$0.032375
Rate CUR, Common Use Residential Service	
Summer, First 1000 kWh	\$0.055369
Summer, Additional kWh	\$0.050954
Winter, First 1000 kWh	\$0.055369
Winter, Additional kWh	\$0.037365
Rate DS, Service at Secondary Distribution Voltage	\$0.050295
Rate EH, Optional Rate for Electric Space Heating	\$0.050295
Rate DM, Secondary Distribution Service, Small	
Summer, First 2800 kWh	\$0.055893
Summer, Next 3200 kWh	\$0.024453
Summer, Additional kWh	\$0.017847
Winter, First 2800 kWh	\$0.054383
Winter, Next 3200 kWh	\$0.024453
Winter, Additional kWh	\$0.017828
Rate DP, Service at Primary Distribution Voltage	\$0.050295
Rate GS-FL, Optional Unmetered For Small Fixed Loads	\$0.050295
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	\$0.050295
Rate TS, Service at Transmission Voltage	\$0.048570
Rate SL, Street Lighting Service	\$0.050295
Rate TL, Traffic Lighting Service	\$0.050295
Rate OL, Outdoor Lighting Service	\$0.050295
Rate NSU, Street Lighting Service for Non-Standard Units	\$0.050295

Filed pursuant to an Order dated May 4, 2016 in Case No.16-940-EL-UNC before the Public Utilities Commission of Ohio.

Issued: May 13, 2016

Issued by James P. Henning, President

Effective: June 1, 2016

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 112.7  
Cancels and Supersedes  
Sheet No. 112.6  
Page 3 of 3

---

**CHARGES (Continued)**

<u>Tariff Sheet</u>	<u>RE Charge</u> <u>(per kWh)</u>
Rate NSP, Private Outdoor Lighting for Non-Standard Units	\$0.050295
Rate SC, Street Lighting Service - Customer Owned	\$0.050295
Rate SE, Street Lighting Service - Overhead Equivalent	\$0.050295
Rate UOLS, Unmetered Outdoor Lighting Electric Service	\$0.050295
Rates RS, RSLI, & RS3P, Residential Service (PIPP)	
Summer, First 1000 kWh	\$0.051583
Summer, Additional kWh	\$0.051728
Winter, First 1000 kWh	\$0.051583
Winter, Additional kWh	\$0.037299
Rate ORH, Opt Res Service with Electric Space Heating (PIPP)	
Summer, First 1000 kWh	\$0.047922
Summer, Additional kWh	\$0.043585
Summer, kWh greater than 150 times demand	\$0.043585
Winter, First 1000 kWh	\$0.047921
Winter, Additional kWh	\$0.033766
Winter, kWh greater than 150 times demand	\$0.032032

Filed pursuant to an Order dated May 4, 2016 in Case No.16-940-EL-UNC before the Public Utilities Commission of Ohio.

---

Issued: May 13, 2016

Issued by James P. Henning, President

Effective: June 1, 2016

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 113.8  
Cancels and Supersedes  
Sheet No. 113.7  
Page 1 of 1

---

**RIDER ESSC**

**ELECTRIC SECURITY STABILIZATION RIDER**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Filed pursuant to an Order dated April 2, 2015 in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

---

Issued: May 11, 2015

Issued by James P. Henning, President

Effective: June 1, 2015

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 114.5  
*Cancels and Supersedes*  
Sheet No. 114.4  
Page 1 of 1

---

**RIDER LFA**

**LOAD FACTOR ADJUSTMENT RIDER**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 17-1263-EL-SSO before the Public Utilities Commission of Ohio.

---

Issued:

Effective: June 1, 2018

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. 115.18  
Cancels and Supersedes  
Sheet No. 115.17  
Page 1 of 1

---

## **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 credit for all customers is \$(0.000585) per kWh.

---

Filed pursuant to an Order dated May 13, 2015 in Case No. 15-6001-EL-RDR before the Public Utilities Commission of Ohio.

Issued: November 22, 2016

Effective: January 3, 2017

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. 116.1  
Cancels and Supersedes  
Original Sheet No. 116  
Page 1 of 1

---

**PIPP CUSTOMER DISCOUNT**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Filed pursuant to an Order dated April 2, 2015 in Case No. 14-841-EL-SSO before the Public Utilities  
Commission of Ohio.

---

Issued: May 11, 2015

Effective: June 1, 2015

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. 117.1  
Cancels and Supersedes  
Original Sheet No. 117  
Page 1 of 1

---

**RIDER PTR\_3**

**PEAK TIME REBATE – RESIDENTIAL PILOT PROGRAM**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Issued pursuant to an Order dated April 2, 2015 in Case No. 14-841-EL-SSO before the Public Utilities Commission of Ohio.

---

Issued: May 11, 2015

Effective: June 1, 2015

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. 118.2  
Cancels and Supersedes  
Sheet No. 118.1  
Page 1 of 1

---

**RATE TD-2012**

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

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Issued pursuant to an Order dated April 2, 2015 in Case No. 14-841-EL-SSO before the Public Utilities  
Commission of Ohio.

---

Issued: May 11, 2015

Effective: June 1, 2015

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. 119.1  
Cancels and Supersedes  
Sheet No. 119  
Page 1 of 1

---

**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.

Filed pursuant to an Order dated April 2, 2014 in Case No. 13-753-EL-RDR before the Public Utilities Commission of Ohio.

---

Issued: April 10, 2014

Effective: May 1, 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. 120.1  
Cancels and Supersedes  
Sheet No. 120  
Page 1 of 3

**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.

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 James P. Henning, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 120.1  
Cancels and Supersedes  
Sheet No. 120  
Page 2 of 3

## 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

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 James P. Henning, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 120.1  
Cancels and Supersedes  
Sheet No. 120  
Page 3 of 3

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.

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 James P. Henning, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 121.1  
Cancels and Supersedes  
Original Sheet No. 121  
Page 1 of 1

---

**RATE TD-13**

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

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Issued pursuant to an Order dated April 9, 2014 in Case No. 13-1141-GE-RDR before the Public Utilities  
Commission of Ohio.

Issued: May 31, 2016

Effective: June 1, 2016

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. 122.3  
Cancels and Supersedes  
Sheet No. 122.2  
Page 1 of 1

**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 August 30, 2016, 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	\$0.000117
Rate ORH, Optional Residential Service With Electric Space Heating All kWh	\$0.000117
Rate TD, Optional Time-of-Day Rate All kWh	\$0.000117
Rate TD-13, Optional Time-of-Day Rate For Residential Service With Advanced Metering All kWh	\$0.000117
Rate CUR, Common Use Residential Service All kWh	\$0.000117
Rate EH, Optional Rate For Electric Space Heating All kWh	\$0.000775
Rate DM, Secondary Distribution Service, Small All kWh	(\$0.000203)

Filed pursuant to an Order dated August 3, 2016 in Case No. 11-5905-EL-RDR before the Public Utilities Commission of Ohio.

Issued: August 4, 2016

Issued by James P. Henning, President

Effective: August 30, 2016

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 123.1  
Cancels and Supersedes  
Original Sheet No. 123  
Page 1 of 2

## **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, 2018.

#### **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.

Filed pursuant to an Order dated August 19, 2015 in Case No. 13-515-EL-ATA before the Public Utilities Commission of Ohio.

Issued: August 20, 2015

Effective: August 20, 2015

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. 123.1  
Cancels and Supersedes  
Original Sheet No. 123  
Page 2 of 2

---

**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 August 19, 2015 in Case No. 13-515-EL-ATA before the Public Utilities Commission of Ohio.

---

Issued: August 20, 2015

Effective: August 20, 2015

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. 126  
Page 1 of 1

---

**RIDER PSR**

**PRICE 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.

**PRICE STABILIZATION RIDER**

All retail jurisdictional customers shall be assess a charge or credit, as approved by the Commission to recover any gains or losses related to the disposition capacity, energy, and ancillary services procured by the Company based on its participation in the Inter-Company Power Agreement, as approved by Federal Energy Regulatory Commission, with The Ohio Valley Electric Corporation. The rates for all customers will be a charge or (credit) of \$\_\_\_\_\_ per kWh.

Filed pursuant to an Order dated \_\_\_\_\_, 201X in Case No. 17-1263-EL-SSO before the Public Utilities Commission of Ohio.

---

Issued: \_\_\_\_\_, 201X

Effective: \_\_\_\_\_, 201X

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. 127  
Page 1 of 1

## **RIDER AMO**

### **ADVANCED METER OPT-OUT (AMO) – RESIDENTIAL**

#### **APPLICABILITY**

Applicable only to residential customers served under Rate RS, Rate RSLI, Rate RS3P, or Rate ORH who request a traditional meter rather than an advanced meter, i.e. the Company's standard meter for Ohio residential electric customers. Rider AMO is optional and is available subject to the Terms and Conditions below.

#### **BACKGROUND**

Section 4901:1-10-05(J) of the Ohio Administrative Code (OAC) states that electric utilities shall provide customers with the option to remove an installed advanced meter and replace it with a traditional meter, and the option to decline installation of an advanced meter and retain a traditional meter.

As defined in OAC 4901:1-10-01:

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

"Traditional meter" means any meter with an analog or digital display that does not have the capability to communicate with the utility using two-way communications.

#### **CHARGES**

Residential customers who request a traditional meter rather than an advanced meter shall pay a one-time fee of \$100.00 and a recurring monthly fee of \$30.00. The one-time fee shall not apply to customers currently using a traditional meter.

#### **TERMS AND CONDITIONS**

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

- (a) If such a service creates a safety hazard to consumers or their premises, the public, or the electric utility's personnel or facilities.
- (b) If a customer does not allow the electric utility's employees or agents access to the meter at the customer's premises.

Customers enrolled in a product or service requiring an advanced meter as a condition of enrollment will be notified that the customer must choose a different product or service prior to the installation of a traditional meter. This opt out provision is not available to any customer taking generation service under a time differentiated rate.

Pursuant to the Commission's Order in Case No. 12-2050-EI-ORD, Rider AMO is not available to customers with a history of tampering.

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 April 27, 2016 in Case No. 14-1160-EL-UNC before the Public Utilities Commission of Ohio.

Issued: June 22, 2016

Effective: September 1, 2016

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. 22, 10  
Canceling and Superseding  
Sheet No. 22, 9  
Page 1 of 7

Deleted: 8

Deleted: 8

### 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 P.U.C.O. Electric No. 20, Sheet No. 36.8, paragraph 7.3 removed from the End-use Customer information list. The Company will also provide customers the option to have all the customer's information listed reinstated on the End-use Customer information list. The customer will be provided written notice of his or her options.

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 as specified in P.U.C.O. Electric No. 20, Sheet No. 36.8, paragraph 7.3.

(a)

#### 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 Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 17-1263-EL-SSO before the Public Utilities Commission of Ohio.

Issued:

Effective:

Issued by James P. Henning, President

Deleted: the section below

Deleted: below

Deleted: The following information

Deleted: :

Deleted: <#>End-use Customer name  
<#>Service Address  
<#>Service City  
<#>Service State and Zip Code  
<#>Billing Address  
<#>Billing City  
<#>Billing State and Zip Code

Page Break

### SECTION III - CUSTOMER CHOICE ENROLLMENT AND PARTICIPATION GUIDELINES (Contd.)

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

Deleted: April 2, 2015

Deleted: 14

Deleted: 841

Deleted: May 11, 2015

Deleted: June 1, 2015

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 22.10  
Canceling and Superseding  
Sheet No. 22.9  
Page 2 of 7

Deleted: 9

Deleted: 8

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).

### SECTION III - CUSTOMER CHOICE ENROLLMENT AND PARTICIPATION GUIDELINES (Contd.)

#### 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.

Deleted: April 2, 2015

Deleted: 14

Deleted: 841

Deleted: May 11, 2015

Deleted: June 1, 2015

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 17-1263-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. 22.10  
Canceling and Superseding  
Sheet No. 22.9  
Page 3 of 7

Deleted: 9

Deleted: 8

- (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.

Deleted: April 2, 2015

Deleted: 14

Deleted: 841

Deleted: May 11, 2015

Deleted: June 1, 2015

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 17-1263-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. 22.10  
Canceling and Superseding  
Sheet No. 22.9  
Page 4 of 7

Deleted: 9

Deleted: 8

### SECTION III - CUSTOMER CHOICE ENROLLMENT AND PARTICIPATION GUIDELINES (Contd.)

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.

Deleted: April 2, 2015

Deleted: 14

Deleted: 841

Deleted: May 11, 2015

Deleted: June 1, 2015

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 17-1263-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. 22 10  
Canceling and Superseding  
Sheet No. 22 9  
Page 5 of 7

Deleted: 9

Deleted: 8

### SECTION III - CUSTOMER CHOICE ENROLLMENT AND PARTICIPATION GUIDELINES (Contd.)

- 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.

Deleted: April 2, 2015

Deleted: 14

Deleted: 841

Deleted: May 11, 2015

Deleted: June 1, 2015

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 17-1263-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. 22,10  
Canceling and Superseding  
Sheet No. 22,9  
Page 6 of 7

Deleted: 9

Deleted: 8

### 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. 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 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.

Deleted: April 2, 2015

Deleted: 14

Deleted: 841

Deleted: May 11, 2015

Deleted: June 1, 2015

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 17-1263-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. 22.10  
Canceling and Superseding  
Sheet No. 22.9  
Page 7 of 7

Deleted: 9

Deleted: 8

### SECTION III - CUSTOMER CHOICE ENROLLMENT AND PARTICIPATION GUIDELINES (Contd.)

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.

Deleted: April 2, 2015

Deleted: 14

Deleted: 841

Deleted: May 11, 2015

Deleted: June 1, 2015

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 17-1263-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. 47 ~~3~~  
Cancels and Supersedes  
Sheet No. 47 ~~2~~  
Page 1 of 2

Deleted: 2

Deleted: 1

## 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.

The Company shall recover the cost of the net metering through Rider SCR, Supplier Cost Reconciliation Rider in the Company's Quarterly Rider SCR update filings before the Commission.

#### 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.

Deleted: November 22, 2011

Deleted: 11

Deleted: 3549

Deleted: December 18, 2011

Deleted: January 1, 2012

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 17-1263-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. 47 3  
Cancels and Supersedes  
Sheet No. 47 2  
Page 2 of 2

Deleted: 2

Deleted: 1

## 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.

Deleted: November 22, 2011

Deleted: 11

Deleted: 3548

Deleted: December 19, 2011

Deleted: January 1, 2012

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 17-1263-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. 48 ~~6~~  
Cancels and Supersedes  
Sheet No. 48 ~~5~~  
Page 1 of 2

Deleted: 5

Deleted: 4

## 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:

- Fueled by solar, wind, biomass, landfill gas, or hydropower, or use a microturbine or a fuel cell;
- Located on the Customer's premises;
- Operated in parallel with the Company's transmission and distribution facilities; and
- 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 (excess generation credit). The excess generation credit shall be calculated using the kWh charge as determined by 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.

Deleted: Rider RC, Retail Capacity and

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

The Company shall recover the cost of the net metering excess generation credits through Rider SCR, Supplier Cost Reconciliation Rider in the Company's quarterly Rider SCR update filings before the Commission.

Deleted: April 2, 2015

Deleted: 14

Deleted: 841

Deleted: May 11, 2015

Deleted: June 1, 2015

#### METERING

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 17-1263-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. 48 5  
Cancels and Supersedes  
Sheet No. 48 5  
Page 2 of 2

Deleted: 5

Deleted: 4

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.

#### 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.

Deleted: April 2, 2015

Deleted: 14

Deleted: 841

Deleted: May 11, 2015

Deleted: June 1, 2015

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 17-1263-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  
Original Sheet No. 77  
Page 1 of 1

---

**RIDER RMR  
REGULATORY MANDATES RIDER**

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 Providers.

The Rider RMR rate to be applied to customer bills beginning \_\_\_\_\_:

Rate RS, RSLI & RS3P	\$0.00 per month
Rate ORH	\$0.00 per month
Rate CUR	\$0.00 per month
Rate DS	\$0.00 per month
Rate EH	\$0.00 per month
Rate DM	\$0.00 per month
Rate DP	\$0.00 per month
Rate TS	\$0.00 per month

Filed pursuant to an Order dated \_\_\_\_\_ in Case No.17-1263-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. 80  
Page 1 of 1

---

**RIDER ESRR**

**ELECTRIC SERVICE RELIABILITY RIDER**

**APPLICABILITY**

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

**DESCRIPTION**

This rider recovers expenses for Duke Energy Ohio's vegetation management program above amounts being recovered in base rates.

**CHARGES**

A charge \_\_\_\_% shall be applied to the base distribution charges of all retail customers.

Filed pursuant to an Order dated \_\_\_\_, 201X in Case No. 17-1263-EL-SSO before the Public Utilities Commission of Ohio.

---

Issued: \_\_\_\_, 201X

Effective: \_\_\_\_, 201X

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. 82  
Page 1 of 1

---

**RIDER IRM**

**INCENTIVE RATEMAKING MECHANISM RIDER**

**APPLICABILITY**

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

**DESCRIPTION**

This rider will be a charge or a (credit) following a Commission finding that Duke Energy Ohio's return on equity (ROE), as calculated in its annual significantly excessive earnings test, is 200 basis points higher or 200 basis points lower than the ROE approved in the Company's most recent base electric distribution case. The charge or (credit) will apply for twelve months following a Commission order finding that the ROE was outside the 200 basis point band.

**CHARGES**

A charge or (credit) \_\_\_\_% shall be applied to the base distribution charges of all retail customers.

Filed pursuant to an Order dated \_\_\_\_, 201X in Case No. 17-1263-EL-SSO before the Public Utilities Commission of Ohio.

---

Issued: \_\_\_\_, 201X

Effective: \_\_\_\_, 201X

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. 84  
Page 1 of 1

---

**RIDER PF**

**POWERFORWARD RIDER**

**APPLICABILITY**

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

**DESCRIPTION**

This rider recover costs related to Duke Energy Ohio's incremental costs for programs and projects for selected programs to carry out the Commission's PowerForward Initiative incremental to amounts recovered in other riders or in base rates..

**CHARGES**

A charge \_\_\_\_% shall be applied to the base distribution charges of all retail customers.

Filed pursuant to an Order dated \_\_\_\_, 201X in Case No. 17-1263-EL-SSO before the Public Utilities Commission of Ohio.

---

Issued: \_\_\_\_, 201X

Effective: \_\_\_\_, 201X

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. 105.9  
Cancels and Supersedes  
Sheet No. 105.8  
Page 1 of 1

Deleted: 8

Deleted: 7

**RIDER DR-ECF**

**ECONOMIC COMPETITIVENESS FUND RIDER**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Formatted: Font: Bold

Formatted: Centered

Deleted: 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 is \$0.000000 per kilowatt-hour. . ¶

Deleted: May 13, 2015

Deleted: 15

Deleted: 6001

Deleted: RDR

Deleted: May 26, 2016

Deleted: May 23, 2016

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 17-1263-EL-SSO before the Public Utilities Commission of Ohio.

Issued: \_\_\_\_\_ Effective: June 1, 2018

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. 114.5  
Cancels and Supersedes  
Sheet No. 114.4  
Page 1 of 1

Deleted: 4

Deleted: 3

**RIDER LFA**

**LOAD FACTOR ADJUSTMENT RIDER**

**THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN**

Formatted: Font: Bold

Formatted: Centered

**Deleted: 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.¶

In its Order dated April 2, 2015 in Case No. 14 841-EL-SSO, pertaining to the Duke Energy Ohio Electric Security Plan that covers the period June 1, 2015 through May 31, 2018, the Commission stated, "Therefore, the rider (LFA) will continue as it did under the current ESP, but shall be reduced by 33 percent in the first year, 33 percent in the second year, and finally 34 percent in the third year. After that, the rider shall conclude with a final true-up."¶

**CHARGES**

The demand charge for each respective electric service rate schedule is:¶

¶

Deleted: April 2, 2015

Deleted: 14

Deleted: 841

Deleted: May 23, 2016

Deleted: 2016

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 17-1263-EL-SSO before the Public Utilities Commission of Ohio.

Issued: \_\_\_\_\_ Effective: June 1, 2018

Issued by James P. Henning, President

Page 18 of 20 Deleted

Ziolekowski, Jim

5/20/2017 12:48:00 PM

**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.

In its Order dated April 2, 2015 in Case No. 14-841-EL-SSO, pertaining to the Duke Energy Ohio Electric Security Plan that covers the period June 1, 2015 through May 31, 2018, the Commission stated, "Therefore, the rider [LFA] will continue as it did under the current ESP, but shall be reduced by 33 percent in the first year, 33 percent in the second year, and finally 34 percent in the third year. After that, the rider shall conclude with a final true-up."

**CHARGES**

The demand charge for each respective electric service rate schedule is:

	June 2015 – May 2016	June 2016 – May 2017	June 2017 – May 2018
Tariff Sheet	LFA Charge	LFA Charge	LFA Charge
	(per kW/kVA)	(per kW/kVA)	(per kW/kVA)
Rate DS, Service at Secondary Distribution Voltage			
All kW	\$5.36	\$2.72	\$0.00
Rate DP, Service at Primary Distribution Voltage			
All kW	\$5.36	\$2.72	\$0.00
Rate TS, Service at Transmission Voltage			
All kVA	\$5.36	\$2.72	\$0.00

**CREDITS**

Effective June 1, 2016, the credit for each respective electric service rate schedule is:

Tariff Sheet

LFA Credit  
(per kWh)

Rate DS, Service at Secondary Distribution Voltage	
All kWh	\$0.007158
Rate DP, Service at Primary Distribution Voltage	
All kWh	\$0.007158
Rate TS, Service at Transmission Voltage	
All kWh	\$0.007158

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 126  
Page 1 of 1

---

**RIDER PSR**

**PRICE 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.

**PRICE STABILIZATION RIDER**

All retail jurisdictional customers shall be assess a charge or credit, as approved by the Commission to recover any gains or losses related to the disposition capacity, energy, and ancillary services procured by the Company based on its participation in the Inter-Company Power Agreement, as approved by Federal Energy Regulatory Commission, with The Ohio Valley Electric Corporation. The rates for all customers will be a charge or (credit) of \$\_\_\_\_\_ per kWh.

Filed pursuant to an Order dated \_\_\_\_, 201X in Case No. 17-1263-EL-SSO before the Public Utilities Commission of Ohio.

---

Issued: \_\_\_\_, 201X

Effective: \_\_\_\_, 201X

Issued by James P. Henning, President

ATTACHMENT JEZ-3  
PAGE 1 OF 7  
WITNESS:  
J. E. ZIOLKOWSKI

LINE NO.	RATE CODE	LEVEL of DEMAND	LEVEL of USE	CURRENT BILL (C)	2018		PERCENT		2019		PERCENT		2020		PERCENT		2021		PERCENT		2022		PERCENT		2023 - 2024		PERCENT INCR/(DECR) (INC - 1) (O) (%)
					PROPOSED BILL (D)	INCR/(DECR) (DIC - 1) (E)	(%)	PROPOSED BILL (F)	INCR/(DECR) (FIC - 1) (G)	(%)	PROPOSED BILL (H)	INCR/(DECR) (HIC - 1) (I)	(%)	PROPOSED BILL (J)	INCR/(DECR) (JIC - 1) (K)	(%)	PROPOSED BILL (L)	INCR/(DECR) (LIC - 1) (M)	(%)	PROPOSED BILL (N)	INCR/(DECR) (NIC - 1) (O)	(%)					
1	RS	(KW)	(KWH)	(\$)	(\$)	(\$)	(\$)	(%)	(%)	(\$)	(\$)	(%)	(%)	(\$)	(\$)	(%)	(%)	(\$)	(\$)	(%)	(%)	(\$)	(\$)	(%)	(%)	(%)	
2	NA	SUMMER	300	54.52	57.39	57.39	59.59	5.28%	9.32%	59.59	61.90	13.54%	63.94	17.30%	65.85	20.78%	67.72	24.22%	69.72	27.44%	71.72	29.96%	73.72	32.54%	75.72	35.14%	
3	NA	NA	400	64.46	67.92	67.92	69.85	4.74%	7.66%	69.85	72.30	12.15%	74.47	15.52%	76.49	18.65%	78.48	21.74%	80.46	24.86%	82.46	27.96%	84.46	31.06%	86.46	34.16%	
4	NA	NA	500	74.41	77.87	77.87	80.11	3.60%	6.36%	80.11	82.59	11.13%	84.99	14.22%	87.13	17.09%	89.23	19.92%	91.28	22.84%	93.28	25.76%	95.28	28.68%	97.28	31.60%	
5	NA	NA	600	104.25	108.01	108.01	110.88	3.60%	6.36%	110.88	113.89	9.25%	116.57	11.81%	119.05	14.19%	121.50	16.54%	123.91	19.09%	126.32	21.99%	128.73	24.94%	131.14	27.89%	
6	NA	NA	1,000	124.15	128.26	128.26	131.40	3.31%	5.84%	131.40	134.68	8.49%	137.61	10.85%	140.33	13.03%	143.01	15.19%	145.64	17.52%	148.21	20.00%	150.78	22.81%	153.35	25.62%	
7	NA	NA	1,500	173.96	178.95	178.95	182.77	2.87%	5.06%	182.77	186.76	7.36%	190.31	9.40%	193.61	11.29%	196.86	13.16%	200.11	15.03%	203.36	17.76%	206.61	20.46%	209.86	23.19%	
8	NA	NA	2,000	223.77	229.64	229.64	234.13	2.62%	4.63%	234.13	238.63	6.73%	243.00	8.60%	246.88	10.33%	250.71	12.04%	254.54	13.77%	258.37	16.50%	262.20	19.93%	266.03	23.36%	
9	RS	WINTER	300	54.52	57.39	57.39	59.59	5.28%	9.32%	59.59	61.90	13.54%	63.94	17.30%	65.85	20.78%	67.72	24.22%	69.72	27.44%	71.72	29.96%	73.72	32.54%	75.72	35.14%	
10	NA	NA	400	64.46	67.92	67.92	69.85	4.74%	7.66%	69.85	72.30	12.15%	74.47	15.52%	76.49	18.65%	78.48	21.74%	80.46	24.86%	82.46	27.96%	84.46	31.06%	86.46	34.16%	
11	NA	NA	500	74.41	77.87	77.87	80.11	3.60%	6.36%	80.11	82.59	11.13%	84.99	14.22%	87.13	17.09%	89.23	19.92%	91.28	22.84%	93.28	25.76%	95.28	28.68%	97.28	31.60%	
12	NA	NA	600	104.25	108.01	108.01	110.88	3.60%	6.36%	110.88	113.89	9.25%	116.57	11.81%	119.05	14.19%	121.50	16.54%	123.91	19.09%	126.32	21.99%	128.73	24.94%	131.14	27.89%	
13	NA	NA	1,000	124.15	128.26	128.26	131.40	3.31%	5.84%	131.40	134.68	8.49%	137.61	10.85%	140.33	13.03%	143.01	15.19%	145.64	17.52%	148.21	20.00%	150.78	22.81%	153.35	25.62%	
14	NA	NA	1,500	164.15	168.14	168.14	172.96	3.04%	5.37%	172.96	176.95	7.80%	180.50	9.96%	183.80	11.97%	187.05	13.95%	190.30	15.92%	193.55	17.87%	196.80	19.79%	200.05	21.71%	
15	NA	NA	2,000	214.15	218.14	218.14	222.96	2.69%	4.74%	222.96	226.95	6.90%	230.88	8.81%	234.74	10.59%	238.59	12.34%	242.44	14.09%	246.29	15.84%	250.14	17.59%	253.99	19.34%	
16	NA	NA	3,000	283.69	287.32	287.32	291.16	2.47%	4.36%	291.16	295.43	6.34%	299.62	8.10%	303.15	9.73%	306.68	11.34%	310.21	13.04%	313.74	14.74%	317.27	16.54%	320.80	18.34%	
17	NA	NA	4,000	352.32	355.23	355.23	358.10	2.47%	4.36%	358.10	361.43	6.34%	364.82	8.10%	368.15	9.73%	371.48	11.34%	374.81	13.04%	378.14	14.74%	381.47	16.54%	384.80	18.34%	
18	ORH	SUMMER	1,000	119.04	123.15	123.15	126.29	3.45%	6.03%	126.29	129.58	8.86%	132.50	11.31%	135.22	13.59%	137.90	15.84%	140.58	18.86%	143.26	21.88%	145.94	24.92%	148.62	27.96%	
19	NA	NA	1,500	164.03	169.02	169.02	172.83	3.04%	5.37%	172.83	176.82	9.97%	180.38	9.97%	183.67	11.98%	186.92	13.96%	190.17	15.92%	193.42	17.87%	196.67	19.79%	199.92	21.71%	
20	NA	NA	2,000	209.01	214.88	214.88	219.37	2.81%	4.96%	219.37	224.07	7.20%	228.25	9.20%	232.13	11.06%	235.85	12.89%	239.57	14.79%	243.29	16.68%	247.01	18.57%	250.73	20.46%	
21	NA	NA	3,000	298.53	306.16	306.16	312.00	2.56%	4.51%	312.00	318.10	6.56%	323.53	8.38%	328.57	10.06%	333.55	11.73%	338.53	13.42%	343.51	15.16%	348.49	16.89%	353.47	18.62%	
22	ORH	WINTER	20	133.50	138.99	138.99	143.19	4.11%	7.25%	143.19	147.58	10.54%	151.48	13.47%	155.11	16.18%	158.68	18.86%	162.25	21.54%	165.82	24.22%	169.39	26.90%	172.96	29.58%	
23	NA	NA	20	208.08	215.20	215.20	220.64	3.42%	6.04%	220.64	226.34	8.78%	231.40	11.21%	236.11	13.47%	240.75	15.70%	245.40	18.16%	249.95	20.51%	254.50	22.86%	259.05	25.21%	
24	NA	NA	20	282.20	289.70	289.70	295.45	2.66%	4.70%	295.45	301.45	6.82%	306.79	8.72%	311.75	10.47%	316.65	12.21%	321.55	14.06%	326.45	15.81%	331.35	17.56%	336.25	20.31%	
25	NA	NA	20	478.48	487.15	487.15	493.79	1.81%	3.20%	493.79	500.72	4.65%	506.90	5.94%	512.63	7.14%	518.28	8.32%	523.93	9.50%	529.68	10.68%	535.43	11.84%	541.18	13.00%	
26	RSLI	SUMMER	300	50.18	52.65	52.65	54.53	4.91%	8.67%	54.53	56.50	12.60%	58.26	16.09%	59.89	19.34%	61.49	22.54%	63.09	25.79%	64.69	29.04%	66.29	32.29%	67.89	35.54%	
27	NA	NA	400	60.13	62.77	62.77	64.79	4.39%	7.75%	64.79	66.90	11.27%	68.78	14.39%	70.53	17.29%	72.25	20.16%	73.90	23.05%	75.55	25.90%	77.20	28.75%	78.85	31.60%	
28	NA	NA	500	70.08	72.89	72.89	75.05	4.02%	7.09%	75.05	77.30	10.31%	79.31	13.17%	81.17	15.83%	83.00	18.45%	84.83	21.07%	86.65	23.71%	88.47	26.35%	90.29	29.00%	
29	NA	NA	600	99.92	103.26	103.26	106.82	3.35%	5.91%	106.82	108.50	8.59%	110.88	10.97%	113.09	13.18%	115.27	15.36%	117.45	17.74%	119.63	20.12%	121.81	22.48%	123.99	24.74%	
30	NA	NA	1,000	119.81	123.51	123.51	126.34	3.09%	5.45%	126.34	129.30	7.91%	131.83	10.11%	134.37	12.15%	136.78	14.16%	139.19	16.19%	141.60	18.22%	144.01	20.27%	146.42	22.31%	
31	NA	NA	1,500	159.82	164.39	164.39	167.89	2.86%	5.05%	167.89	171.56	9.38%	174.81	11.29%	177.84	12.81%	180.82	13.14%	183.83	14.68%	186.84	16.12%	189.85	17.60%	192.86	19.08%	
32	NA	NA	2,000	219.44	224.89	224.89	229.07	2.49%	4.39%	229.07	233.43	6.38%	237.32	8.15%	240.92	9.79%	244.48	11.41%	248.04	13.17%	251.60	14.93%	255.16	16.75%	258.72	18.57%	
33	RSLI	WINTER	300	50.18	52.65	52.65	54.53	4.91%	8.67%	54.53	56.50	12.60%	58.26	16.09%	59.89	19.34%	61.49	22.54%	63.09	25.79%	64.69	29.04%	66.29	32.29%	67.89	35.54%	
34	NA	NA	400	60.13	62.77	62.77	64.79	4.39%	7.75%	64.79	66.90	11.27%	68.78	14.39%	70.53	17.29%	72.25	20.16%	73.90	23.05%	75.55	25.90%	77.20	28.75%	78.85	31.60%	
35	NA	NA	500	70.08	72.89	72.89	75.05	4.02%	7.09%	75.05	77.30	10.31%	79.31	13.17%	81.17	15.83%	83.00	18.45%	84.83	21.07%	86.65	23.71%	88.47	26.35%	90.29	29.00%	
36	NA	NA	600	99.92	103.26	103.26	106.82	3.35%	5.91%	106.82	108.50	8.59%	110.88	10.97%	113.09	13.18%	115.27	15.36%	117.45	17.74%	119.63	20.12%	121.81	22.48%	123.99	24.74%	
37	NA	NA	1,000	119.81	123.51	123.51	126.34	3.09%	5.45%	126.34	129.30	7.91%	131.83	10.11%	134.37	12.15%	136.78	14.16%	139.19	16.19%	141.60	18.22%	144.01	20.27%	146.42	22.31%	
38	NA	NA	1,500	159.82	164.39	164.39	167.89	2.86%	5.05%	167.89	171.56	9.38%	174.81	11.29%	177.84	12.81%	180.82	13.14%	183.83	14.68%	186.84	16.12%	189.85	17.60%	192.86	19.08%	
39	NA	NA	2,000	219.44	224.89	224.89	229.07	2.49%	4.39%	229.07	233.43	6.38%	237.32	8.15%	240.92	9.79%	244.48	11.41%	248.04	13.17%	251.60	14.93%	255.16	16.75%	258.72	18.57%	
40	RSLI	WINTER	300	50.18	52.65	52.65	54.53	4.91%	8.67%	54.53	56.50	12.60%	58.26	16.09%	59.89	19.34%	61.49	22.54%	63.09	25.79%	64.69	29.04%	66.29	32.29%	67.89	35.54%	
41	NA	NA	400	60.13	62.77	62.77	64.79	4.39%	7.75%	64.79	66.90	11.27%	68.78	14.39%	70.53	17.29%	72.25	20.16%	73.90	23.05%	75.55	25.90%	77.20	28.75%	78.85	31.60%	
42	NA	NA	500	70.08	72.89	72.89	75.05	4.02%	7.09%	75.05	77.30	10.31%	79.31	13.17%	81.17	15.83%	83.00	18.45%	84.83	21.07%	86.65	23.71%	88.47	26.35%	90.29	29.00%	
43	NA	NA	600	99.92	103.26	103.26	106.82	3.35%	5.91%	106.82	108.50	8.59%	110.88	10.97%	113.09	13.18%	115.27	15.36%	117.45	17.74%	119.63	20.12%	121.81	22.48%	123.99	24.74%	
44	NA	NA	1,000	119.81	123.51	123.51	126.34	3.09%	5.45%	126.34	129.30	7.91%	131.83	10.11%	134.37	12.15%	136.78	14.16%	139.19	16.19%	141.60	18.22%	144.01	20.27%	146.42	22.31%	
45	NA	NA	1,500	159.82	164.39	164.39	167.89	2.86%	5.05%	167.89	171.56	9.38%	174.81	11.29%	177.84	12.81%	180.82	13.14%	183.83	14.68%	186.84	16.12%	189.85	17.60%	192.86	19.08%	
46	NA																										

Rider ESRR (% of Base Distribution Revenue)  
Rider DCI (% of Base Distribution Revenue)  
Incremental Rider DCI above Current 8.356%  
Current bills are calculated using base rates as

DUKE ENERGY OHIO  
CASE NO. 17-1263-EL-SSO  
PROJECTED RATE IMPACTS

ATTACHMENT JE2-3  
PAGE 2 OF 7  
WITNESS:  
J. E. ZIOLKOWSKI

LINE RATE NO. CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	CURRENT BILL (C)	2018			2019			2020			2021			2022			2023 - 2024			PERCENT INCR/(DECR) (N/C - 1)
				PROPOSED BILL (D)	PERCENT INCR/(DECR) (D/C - 1)	PERCENT (D/C - 1)	PROPOSED BILL (E)	PERCENT INCR/(DECR) (E/C - 1)	PERCENT (E/C - 1)	PROPOSED BILL (F)	PERCENT INCR/(DECR) (F/E - 1)	PERCENT (F/E - 1)	PROPOSED BILL (G)	PERCENT INCR/(DECR) (G/F - 1)	PERCENT (G/F - 1)	PROPOSED BILL (H)	PERCENT INCR/(DECR) (H/G - 1)	PERCENT (H/G - 1)	PROPOSED BILL (I)	PERCENT INCR/(DECR) (I/H - 1)	PERCENT (I/H - 1)	
1 CUR	NA	300	55.42	58.30	5.19%	9.16%	60.50	4.65%	8.21%	62.81	3.32%	13.32%	64.85	17.01%	66.75	20.44%	68.63	23.83%	68.63	23.83%	23.83%	
2 3	NA	400	65.68	68.73	4.65%	8.21%	71.06	3.52%	5.29%	73.51	3.42%	11.93%	75.68	2.95%	77.70	2.83%	79.68	2.58%	79.68	2.58%	21.34%	
4 5	NA	500	75.93	79.16	4.25%	7.51%	81.63	3.52%	4.25%	84.21	3.16%	10.91%	86.51	2.76%	88.64	2.46%	90.75	2.38%	90.75	2.38%	19.52%	
6 7	NA	1,000	106.68	110.44	3.52%	3.52%	113.31	3.23%	2.83%	116.32	2.56%	9.03%	118.99	2.31%	121.47	2.06%	123.92	2.01%	123.92	2.01%	16.16%	
8	NA	1,500	127.18	131.23	3.23%	3.23%	134.43	2.83%	2.83%	137.72	2.56%	8.29%	140.65	2.31%	143.36	2.06%	146.04	1.91%	146.04	1.91%	14.83%	
9 CUR	NA	2,000	176.23	181.22	2.83%	2.83%	185.03	2.61%	2.61%	189.02	2.16%	7.26%	192.58	1.85%	195.87	1.72%	199.12	1.64%	199.12	1.64%	12.99%	
10 11	WINTER	300	55.42	58.30	5.19%	9.16%	60.50	4.65%	8.21%	62.81	3.32%	13.32%	64.85	17.01%	66.75	20.44%	68.63	23.83%	68.63	23.83%	23.83%	
12 13	NA	400	65.68	68.73	4.65%	8.21%	71.06	3.52%	5.29%	73.51	3.42%	11.93%	75.68	2.95%	77.70	2.83%	79.68	2.58%	79.68	2.58%	21.34%	
14 15	NA	500	75.93	79.16	4.25%	7.51%	81.63	3.52%	4.25%	84.21	3.16%	10.91%	86.51	2.76%	88.64	2.46%	90.75	2.38%	90.75	2.38%	19.52%	
16 17	NA	1,000	106.68	110.44	3.52%	3.52%	113.31	3.23%	2.83%	116.32	2.56%	9.03%	118.99	2.31%	121.47	2.06%	123.92	2.01%	123.92	2.01%	16.16%	
18 RS3P	NA	1,500	127.18	131.23	3.23%	3.23%	134.43	2.83%	2.83%	137.72	2.56%	8.29%	140.65	2.31%	143.36	2.06%	146.04	1.91%	146.04	1.91%	14.83%	
19 20	NA	3,000	168.65	173.64	2.96%	2.96%	177.45	2.81%	2.81%	181.45	2.26%	7.59%	185.00	1.99%	188.29	1.78%	191.55	1.73%	191.55	1.73%	13.58%	
21 22	NA	6,000	292.59	300.22	2.61%	2.61%	306.06	2.39%	2.39%	312.19	1.98%	6.69%	317.60	1.73%	322.64	1.64%	327.61	1.57%	327.61	1.57%	11.97%	
23 24	NA	300	57.22	60.36	5.48%	9.67%	62.76	4.52%	8.70%	65.27	4.05%	14.05%	67.50	17.95%	69.57	21.57%	71.61	25.14%	71.61	25.14%	25.14%	
25 26	NA	400	67.17	70.48	4.92%	8.70%	73.02	4.52%	7.98%	75.67	3.64%	12.64%	78.02	3.12%	80.21	2.83%	82.37	2.72%	82.37	2.72%	22.62%	
27 28	NA	500	77.12	80.61	4.52%	7.98%	83.27	3.75%	6.63%	86.06	3.33%	11.60%	88.55	2.83%	90.85	2.61%	93.12	2.52%	93.12	2.52%	20.75%	
29 30	NA	1,000	106.96	110.96	3.75%	6.63%	114.05	3.44%	6.08%	117.26	2.83%	9.63%	120.12	2.44%	122.77	2.22%	125.39	2.12%	125.39	2.12%	17.23%	
31 32	NA	1,500	126.86	131.23	3.44%	6.08%	134.57	3.15%	5.55%	138.06	2.56%	8.83%	141.17	2.22%	144.05	2.06%	146.90	1.96%	146.90	1.96%	15.80%	
33 34	NA	3,000	166.96	172.11	3.15%	5.55%	176.12	2.75%	4.86%	180.32	2.44%	8.07%	184.05	2.06%	187.52	1.91%	190.94	1.84%	190.94	1.84%	14.43%	
	NA	6,000	286.40	294.29	2.75%	4.86%	300.32	2.51%	4.43%	308.63	2.76%	7.06%	312.25	1.16%	317.46	1.48%	322.50	1.61%	322.50	1.61%	12.64%	
	NA		525.03	538.20	2.51%	4.43%	548.27	1.91%	4.43%	558.31	1.84%	6.43%	568.18	1.81%	576.88	1.52%	585.48	1.51%	585.48	1.51%	11.51%	
Rider ESRR (% of Base Distribution Revenue)				1.240%			1.240%			1.240%			1.240%			1.240%			1.240%			
Rider DCI (% of Base Distribution Revenue)				17.435%			25.326%			33.581%			40.924%			47.741%			54.465%			
Incremental Rider DCI above Current 8.356%				9.079%			16.970%			25.225%			32.555%			39.385%			46.110%			

Current bills are calculated using base rates as filed in Case No. 17-32-EL-AIR. Rider DCI calculated at 8.356%.



DUKE ENERGY OHIO  
CASE NO. 17-1263-EL-SSO  
PROJECTED RATE IMPACTS

ATTACHMENT JEZ-3  
PAGE 3 OF 7  
WITNESS:  
J. E. ZIOLKOWSKI

LINE NO.	RATE CODE	LEVEL of DEMAND (kW)	LEVEL of USE (kWh)	2018		2019		2020		2021		2022		2023 - 2024		PERCENT INCR/(DECR) (INC - 1)	PERCENT INCR/(DECR) (INC - 1)	PERCENT INCR/(DECR) (INC - 1)
				CURRENT BILL (C) (\$)	PROPOSED BILL (D) (\$)	PERCENT INCR/(DECR) (D/C - 1) (%)	PROPOSED BILL (E) (\$)	PERCENT INCR/(DECR) (E/C - 1) (%)	PROPOSED BILL (F) (\$)	PERCENT INCR/(DECR) (F/E - 1) (%)	PROPOSED BILL (G) (\$)	PERCENT INCR/(DECR) (G/F - 1) (%)	PROPOSED BILL (H) (\$)	PERCENT INCR/(DECR) (H/G - 1) (%)	PROPOSED BILL (I) (\$)	PERCENT INCR/(DECR) (I/H - 1) (%)	PROPOSED BILL (J) (\$)	PERCENT INCR/(DECR) (J/I - 1) (%)
1	DS	30	6,000	749.11	772.69	3.15%	790.73	5.56%	809.59	8.07%	826.38	10.32%	841.96	12.40%	857.33	14.45%	873.79	11.64%
2		30	9,000	929.57	953.15	2.54%	971.19	4.48%	990.05	6.51%	1,006.84	8.31%	1,022.42	9.99%	1,037.79	11.64%	1,052.86	9.78%
3		30	12,000	1,106.64	1,130.22	2.13%	1,148.26	3.76%	1,167.13	5.47%	1,183.91	6.96%	1,199.49	8.39%	1,214.86	9.78%	1,229.93	9.78%
4		50	10,000	1,210.92	1,246.75	2.96%	1,274.14	5.22%	1,302.80	7.59%	1,328.30	9.69%	1,351.96	11.65%	1,375.31	13.58%	1,398.07	13.58%
5		50	15,000	1,511.69	1,547.51	2.37%	1,574.31	4.16%	1,603.57	6.08%	1,629.06	7.75%	1,652.73	9.33%	1,676.07	10.87%	1,698.39	9.11%
6		50	20,000	1,804.01	1,839.83	1.99%	1,867.23	3.50%	1,895.89	5.09%	1,921.38	6.51%	1,945.05	7.82%	1,968.39	9.11%	1,990.71	9.11%
7		75	15,000	1,788.19	1,839.32	2.86%	1,878.41	5.05%	1,919.31	7.33%	1,955.69	9.37%	1,989.47	11.25%	2,022.78	13.12%	2,055.49	11.25%
8		75	20,000	2,086.16	2,137.28	2.45%	2,176.38	4.32%	2,217.28	6.29%	2,253.86	8.03%	2,287.43	9.68%	2,320.76	11.25%	2,353.49	8.77%
9		75	30,000	2,673.62	2,724.75	1.91%	2,763.84	3.37%	2,804.74	4.90%	2,841.12	6.26%	2,874.89	7.55%	2,908.21	8.77%	2,940.93	8.77%
10		100	20,000	2,362.66	2,423.09	2.54%	2,478.88	4.36%	2,533.02	7.21%	2,580.29	9.21%	2,624.17	11.07%	2,667.46	12.90%	2,709.61	12.90%
11		100	30,000	2,958.59	3,025.02	2.25%	3,075.61	3.96%	3,128.95	5.76%	3,176.22	7.39%	3,220.10	8.84%	3,263.39	10.30%	3,305.49	10.30%
12		100	40,000	3,543.23	3,609.66	1.87%	3,660.45	3.31%	3,713.59	4.81%	3,760.86	6.14%	3,804.74	7.38%	3,848.03	8.60%	3,890.49	8.60%
13		300	60,000	6,958.43	7,147.25	2.71%	7,291.64	4.79%	7,442.70	6.96%	7,577.06	8.89%	7,701.80	10.68%	7,824.86	12.45%	7,946.57	12.45%
14		300	90,000	8,746.22	8,935.04	2.16%	9,079.43	3.81%	9,230.49	5.54%	9,364.85	7.07%	9,489.59	8.50%	9,612.65	9.91%	9,734.49	9.91%
15		300	120,000	10,500.14	10,688.96	1.80%	10,833.35	3.17%	10,984.41	4.61%	11,118.77	5.89%	11,243.51	7.08%	11,366.57	8.25%	11,487.86	8.25%
16		500	100,000	11,554.19	11,865.41	2.69%	12,103.40	4.75%	12,352.37	6.91%	12,573.84	8.82%	12,779.44	10.60%	12,962.26	12.38%	13,134.11	12.38%
17		500	200,000	17,457.04	17,765.26	1.78%	18,006.25	3.15%	18,255.22	4.57%	18,476.69	5.84%	18,682.29	7.02%	18,885.11	8.18%	19,085.49	8.18%
18		500	300,000	23,246.74	23,557.96	1.34%	23,795.95	2.36%	24,044.92	3.43%	24,266.39	4.39%	24,471.99	5.27%	24,674.81	6.14%	24,874.81	6.14%
19	EH	NA	9,400	988.28	1,015.58	2.46%	1,031.17	4.34%	1,050.62	6.31%	1,067.91	8.06%	1,083.97	9.68%	1,099.81	11.29%	1,115.49	11.29%
20		NA	23,600	2,385.82	2,438.44	2.21%	2,476.67	3.89%	2,520.77	5.66%	2,566.21	7.23%	2,592.97	8.68%	2,627.26	10.12%	2,661.11	10.12%
21		NA	37,860	3,786.06	3,869.17	2.14%	3,931.17	3.78%	3,996.04	5.49%	4,053.75	7.01%	4,107.32	8.43%	4,160.16	9.82%	4,212.26	9.82%
22																		

Rider ESRR (% of Base Distribution Revenue)  
Rider DCI (% of Base Distribution Revenue)  
Incremental Rider DCI above Current 8.356%  
Current bills are calculated using base rates as filed in Case No. 17-32-EL-AIR. Rider DCI calculated at 8.356%.

1,240%  
17,435%  
9,079%  
16,970%

1,240%  
40,924%  
32,568%

1,240%  
4,774%  
39,385%

1,240%  
1,240%  
33,581%  
25,225%

1,240%  
25,326%  
16,970%

1,240%  
2,438.44  
3,869.17

1,240%  
2,385.82  
3,786.06

1,240%  
2,385.82  
3,786.06

1,240%  
2,385.82  
3,786.06

DUKE ENERGY OHIO  
CASE NO. 17-1263-EL-SSO  
PROJECTED RATE IMPACTS

ATTACHMENT JEZ-3  
PAGE 4 OF 7  
WITNESS:  
J. E. ZIOLKOWSKI

LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	CURRENT BILL (C)	2018			2019			2020			2021			2022			2023 - 2024			
					PROPOSED BILL (D)	INCR/(DECR) (D/C - 1) (E)	PERCENT (E/C - 1) (F)	PROPOSED BILL (E)	INCR/(DECR) (E/D - 1) (G)	PERCENT (G/D - 1) (H)	PROPOSED BILL (F)	INCR/(DECR) (F/E - 1) (I)	PERCENT (H/I - 1) (J)	PROPOSED BILL (G)	INCR/(DECR) (G/F - 1) (K)	PERCENT (J/K - 1) (L)	PROPOSED BILL (H)	INCR/(DECR) (H/G - 1) (M)	PERCENT (L/M - 1) (N)	PROPOSED BILL (I)	INCR/(DECR) (I/H - 1) (O)	PERCENT (N/O - 1) (P)	
1	DM	SUMMER	72	20.55	21.89	6.54%	22.92	11.54%	23.99	16.76%	24.95	21.42%	25.84	25.73%	26.71	25.95%	26.71	25.95%	26.71	25.95%	26.71		
2			144	29.72	31.37	5.58%	32.64	9.85%	33.97	14.32%	35.15	18.29%	36.25	21.97%	37.33	25.61%	37.33	25.61%	37.33	25.61%	37.33		
3			288	48.05	50.34	4.76%	52.09	8.41%	53.92	12.22%	55.55	15.61%	57.06	18.76%	58.55	21.86%	58.55	21.86%	58.55	21.86%	58.55		
4			360	57.22	59.82	4.55%	61.81	8.03%	63.90	11.68%	65.75	14.92%	67.47	17.92%	69.17	20.89%	69.17	20.89%	69.17	20.89%	69.17		
5			720	103.05	107.23	4.06%	110.43	7.16%	113.77	10.41%	116.75	13.30%	119.51	15.96%	122.24	18.62%	122.24	18.62%	122.24	18.62%	122.24		
6			1,440	194.72	202.05	3.77%	207.66	6.65%	213.53	9.66%	218.75	12.34%	223.60	14.83%	228.38	17.29%	228.38	17.29%	228.38	17.29%	228.38		
7			10	103.05	107.23	4.06%	110.43	7.16%	113.77	10.41%	116.75	13.30%	119.51	15.96%	122.24	18.62%	122.24	18.62%	122.24	18.62%	122.24		
8			10	1,440	194.72	202.05	3.77%	207.66	6.65%	213.53	9.66%	218.75	12.34%	223.60	14.83%	228.38	17.29%	228.38	17.29%	228.38	17.29%	228.38	
9			10	2,880	371.77	385.10	3.58%	395.29	6.33%	405.95	9.19%	415.43	11.74%	424.24	14.11%	432.92	16.45%	432.92	16.45%	432.92	16.45%	432.92	
10			15	1,080	148.88	154.64	3.87%	159.05	6.83%	163.65	9.92%	167.75	12.67%	171.56	15.23%	175.31	17.75%	175.31	17.75%	175.31	17.75%	175.31	
11			15	2,160	286.31	296.80	3.65%	304.82	6.47%	313.21	9.40%	320.68	12.00%	327.61	14.43%	334.45	16.81%	334.45	16.81%	334.45	16.81%	334.45	
12			15	4,320	448.81	463.69	3.09%	473.31	5.46%	484.42	7.93%	494.30	10.14%	503.47	12.18%	512.52	14.20%	512.52	14.20%	512.52	14.20%	512.52	
13			15	6,480	559.21	573.93	2.63%	585.19	4.65%	596.97	6.75%	607.45	8.63%	617.18	10.37%	626.78	12.08%	626.78	12.08%	626.78	12.08%	626.78	
14																							
15	DM	WINTER	72	20.44	21.78	6.57%	22.81	11.60%	23.89	16.85%	24.84	21.53%	25.73	25.87%	26.60	30.15%	26.60	30.15%	26.60	30.15%	26.60		
16			144	29.50	31.16	5.62%	32.43	9.92%	33.75	14.42%	34.93	18.42%	36.03	22.14%	37.11	25.80%	37.11	25.80%	37.11	25.80%	37.11		
17			288	47.81	49.90	4.81%	51.65	8.40%	53.49	12.33%	55.12	15.75%	56.63	18.93%	58.12	22.06%	58.12	22.06%	58.12	22.06%	58.12		
18			360	56.67	59.28	4.60%	61.27	8.11%	63.35	11.79%	65.21	15.06%	66.93	18.10%	68.63	21.09%	68.63	21.09%	68.63	21.09%	68.63		
19			720	101.96	105.14	4.10%	108.34	7.24%	112.69	10.52%	115.66	13.44%	118.43	16.15%	121.15	18.82%	121.15	18.82%	121.15	18.82%	121.15		
20			5	1,440	192.54	199.88	3.81%	205.49	6.72%	211.36	9.77%	216.58	12.48%	221.42	15.00%	226.21	17.48%	226.21	17.48%	226.21	17.48%	226.21	
21			10	720	101.96	105.14	4.10%	108.34	7.24%	112.69	10.52%	115.66	13.44%	118.43	16.15%	121.15	18.82%	121.15	18.82%	121.15	18.82%	121.15	
22			10	1,440	192.54	199.88	3.81%	205.49	6.72%	211.36	9.77%	216.58	12.48%	221.42	15.00%	226.21	17.48%	226.21	17.48%	226.21	17.48%	226.21	
23			10	2,880	367.55	380.87	3.63%	391.06	6.40%	401.72	9.30%	411.21	11.88%	420.01	14.27%	428.69	16.64%	428.69	16.64%	428.69	16.64%	428.69	
24			15	1,080	147.25	153.01	3.91%	157.41	6.90%	162.02	10.03%	166.12	12.81%	169.93	15.40%	173.68	17.95%	173.68	17.95%	173.68	17.95%	173.68	
25			15	2,160	283.05	293.54	3.71%	301.55	6.54%	309.95	9.51%	317.42	12.14%	324.35	14.59%	331.19	17.01%	331.19	17.01%	331.19	17.01%	331.19	
26			15	4,320	444.58	458.46	3.12%	468.08	5.51%	480.19	8.01%	490.07	10.23%	500.24	12.30%	509.29	14.33%	509.29	14.33%	509.29	14.33%	509.29	
27			15	6,480	554.97	569.70	2.65%	580.96	4.68%	592.74	6.81%	603.22	8.69%	612.94	10.45%	622.54	12.18%	622.54	12.18%	622.54	12.18%	622.54	
28																							
				Rider ESRR (% of Base Distribution Revenue)				1.240%				1.240%				1.240%				1.240%			
				Rider DCI (% of Base Distribution Revenue)				17.435%				17.435%				17.435%				17.435%			
				Incremental Rider DCI above Current 8.356%				9.079%				9.079%				9.079%				9.079%			
				Current bills are calculated using base rates as filed in Case No. 17-32-EL-ALR. Rider DCI calculated at 8.356%.				16.970%				16.970%				16.970%				16.970%			
				Rider DCI calculated at 8.356%.				25.225%				25.225%				25.225%				25.225%			
				Rider DCI calculated at 8.356%.				33.581%				33.581%				33.581%				33.581%			
				Rider DCI calculated at 8.356%.				40.924%				40.924%				40.924%				40.924%			
				Rider DCI calculated at 8.356%.				46.110%				46.110%				46.110%				46.110%			

DUKE ENERGY OHIO  
CASE NO. 17-1283-EL-SSO  
PROJECTED RATE IMPACTS

ATTACHMENT JEZ-3  
PAGE 5 OF 7  
WITNESS:  
J. E. ZIOLKOWSKI

LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	2018		PERCENT INCR/(DECR) (D/C - 1)	2019		PERCENT INCR/(DECR) (F/E - 1)	2020		PERCENT INCR/(DECR) (H/G - 1)	2021		PERCENT INCR/(DECR) (J/I - 1)	2022		PERCENT INCR/(DECR) (L/K - 1)	2023 - 2024		PERCENT INCR/(DECR) (N/M - 1)
				CURRENT BILL (C)	PROPOSED BILL (D)		BILL (E)	BILL (F)		BILL (G)	BILL (H)		BILL (I)	BILL (J)		BILL (K)	BILL (L)		BILL (M)	BILL (N)	
1	DP	100	14,400	2,110.19	2,183.91	3.49%	2,240.28	6.16%	2,299.25	8.96%	2,351.71	11.45%	2,400.41	13.75%	2,448.45	16.03%					
2		100	28,800	2,975.10	3,048.81	2.48%	3,105.18	4.37%	3,164.16	6.35%	3,216.61	8.12%	3,265.31	9.75%	3,313.35	11.37%					
3		100	43,200	3,618.78	3,892.50	1.93%	3,948.87	3.41%	4,007.84	4.95%	4,060.30	6.32%	4,109.00	7.60%	4,157.04	8.86%					
4		200	28,800	3,942.83	4,064.72	3.09%	4,157.92	5.46%	4,255.42	7.83%	4,342.15	10.13%	4,422.87	12.17%	4,502.10	14.18%					
5		200	57,600	5,671.97	5,793.85	2.15%	5,887.06	3.79%	5,984.56	5.51%	6,071.29	7.04%	6,151.81	8.45%	6,231.24	9.88%					
6		200	86,400	7,359.34	7,481.22	1.66%	7,574.43	2.92%	7,671.93	4.25%	7,758.66	5.43%	7,844.50	6.52%	7,918.61	7.60%					
7		300	43,200	5,775.14	5,945.19	2.94%	6,075.22	5.20%	6,211.26	7.55%	6,332.26	8.65%	6,444.50	11.59%	6,555.42	13.51%					
8		300	86,400	8,368.84	8,538.89	2.03%	8,668.93	3.59%	8,804.96	5.21%	8,925.97	6.66%	9,038.30	8.00%	9,149.12	9.32%					
9		300	129,600	10,999.90	11,069.95	1.56%	11,199.99	2.75%	11,336.02	4.00%	11,457.03	5.11%	11,569.36	6.14%	11,680.18	7.16%					
10		500	72,000	9,439.75	9,706.13	2.82%	9,909.83	4.98%	10,122.92	7.24%	10,312.48	9.25%	10,488.45	11.11%	10,662.05	12.95%					
11		500	144,000	13,762.59	14,026.97	1.94%	14,232.67	3.42%	14,445.77	4.96%	14,635.32	6.34%	14,811.29	7.62%	14,984.89	8.88%					
12		500	216,000	17,981.02	18,247.40	1.48%	18,451.10	2.61%	18,664.20	3.80%	18,853.75	4.85%	19,029.73	5.83%	19,203.33	6.80%					
13		800	115,200	14,936.67	15,347.54	2.75%	15,661.74	4.85%	15,990.43	7.05%	16,282.80	9.01%	16,554.24	10.83%	16,822.00	12.62%					
14		800	230,400	21,853.22	22,264.09	1.88%	22,678.28	3.32%	22,906.97	4.82%	23,199.55	6.16%	23,470.78	7.40%	23,738.55	8.63%					
15		800	345,600	28,602.71	29,013.58	1.44%	29,327.77	2.53%	29,656.46	3.68%	29,948.84	4.71%	30,220.27	5.66%	30,488.04	6.59%					
16		1000	144,000	18,601.28	19,106.48	2.73%	19,495.34	4.81%	19,902.09	6.95%	20,263.02	8.93%	20,598.09	10.73%	20,928.64	12.51%					
17		1000	288,000	27,246.96	27,741.17	1.86%	28,142.03	3.28%	28,547.78	4.77%	28,908.70	6.10%	29,243.77	7.33%	29,574.32	8.54%					
18		1000	432,000	35,683.83	36,191.03	1.42%	36,578.89	2.51%	36,984.84	3.65%	37,345.57	4.66%	37,680.84	5.60%	38,011.18	6.52%					
19		1500	216,000	27,762.81	28,510.84	2.69%	29,082.86	4.75%	29,681.27	6.91%	30,213.56	8.83%	30,707.73	10.61%	31,195.22	12.36%					
20		1500	432,000	40,731.34	41,479.36	1.84%	42,051.38	4.70%	42,649.79	4.71%	43,182.08	6.02%	43,676.25	7.23%	44,163.75	8.43%					
21		1500	648,000	53,386.53	54,134.66	1.40%	54,706.68	2.47%	55,305.08	3.59%	55,837.38	4.99%	56,331.55	5.52%	56,819.04	6.43%					
22		3000	432,000	55,247.40	56,717.90	2.65%	57,442.40	4.70%	59,018.78	6.83%	60,065.19	8.72%	61,036.54	10.48%	61,984.96	12.21%					
23		3000	864,000	81,164.98	82,635.48	1.81%	83,759.98	3.20%	84,936.35	4.65%	85,982.76	5.94%	86,954.21	7.13%	87,912.55	8.31%					
24		3000	1,296,000	106,204.28	107,674.78	1.38%	108,799.28	2.44%	109,975.65	3.55%	111,022.06	4.54%	111,993.51	5.45%	112,951.85	6.35%					

Rider ESRR (% of Base Distribution Revenue) 1.240%  
Rider DCI (% of Base Distribution Revenue) 17.435%  
Incremental Rider DCI above Current & 355% 9.079%  
Current bills are calculated using base rates as filed in Case No. 17-32-EL-AIR. Rider DCI calculated at 8.356%.

1.240%  
54.466%  
46.110%

1.240%  
47.741%  
39.385%

1.240%  
40.924%  
32.566%

1.240%  
33.581%  
25.225%

1.240%  
25.326%  
16.970%

1.240%  
17.435%  
9.079%

1.240%  
17.435%  
9.079%

1.240%  
17.435%  
9.079%

DUKE ENERGY OHIO  
CASE NO. 17-1263-EL-S90  
PROJECTED RATE IMPACTS

ATTACHMENT JEZ-3  
PAGE 6 OF 7  
WITNESS:  
J. E. ZIOLKOWSKI

LINE RATE NO. CODE	LEVEL of DEMAND (KVA)	LEVEL of USE (KWH)	2018	2019	2020	2021	2022	2023 - 2024	PERCENT INCR/DECR (D/C - 1)	PERCENT INCR/DECR (F/G - 1)	PERCENT INCR/DECR (H/I - 1)	PERCENT INCR/DECR (J/K - 1)	PERCENT INCR/DECR (L/M - 1)	PERCENT INCR/DECR (N/O - 1)
			BILL (D)	PROPOSED BILL (E)	BILL (F)	PROPOSED BILL (G)	BILL (H)	PROPOSED BILL (I)	BILL (J)	PROPOSED BILL (K)	BILL (L)	PROPOSED BILL (M)	BILL (N)	PROPOSED BILL (O)
1 TS	1,000	200,000	16,577.81	16,598.45	16,614.23	16,630.74	16,646.43	16,662.12	0.12%	0.22%	0.32%	0.41%	0.49%	0.57%
2	1,000	400,000	28,045.01	28,065.65	28,081.43	28,097.94	28,114.63	28,131.41	0.07%	0.13%	0.19%	0.24%	0.29%	0.34%
3	2,500	500,000	41,129.66	41,150.30	41,166.08	41,182.59	41,199.28	41,216.01	0.05%	0.09%	0.13%	0.16%	0.20%	0.23%
4	2,500	1,000,000	69,713.42	69,739.20	69,765.11	69,791.46	69,818.35	69,845.78	0.03%	0.05%	0.08%	0.10%	0.12%	0.14%
5	5,000	1,000,000	81,944.53	81,969.96	81,995.45	82,020.96	82,046.51	82,072.08	0.03%	0.04%	0.06%	0.08%	0.10%	0.12%
6	5,000	2,000,000	138,652.53	138,673.17	138,693.96	138,714.86	138,735.81	138,756.81	0.01%	0.03%	0.04%	0.05%	0.06%	0.07%
7	10,000	2,000,000	163,176.67	163,197.45	163,218.31	163,239.22	163,260.18	163,281.19	0.01%	0.02%	0.03%	0.04%	0.05%	0.06%
8	10,000	4,000,000	276,572.03	276,592.67	276,613.45	276,634.28	276,655.15	276,676.07	0.01%	0.02%	0.03%	0.04%	0.05%	0.06%
9	10,000	6,000,000	387,875.03	387,895.67	387,916.45	387,937.28	387,958.15	387,979.07	0.01%	0.01%	0.02%	0.02%	0.03%	0.03%
10	20,000	4,000,000	325,579.03	325,599.67	325,620.45	325,641.28	325,662.15	325,683.07	0.01%	0.01%	0.02%	0.02%	0.03%	0.03%
11	20,000	8,000,000	552,411.03	552,431.67	552,452.45	552,473.28	552,494.15	552,515.07	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%
12	20,000	12,000,000	775,017.03	775,037.67	775,058.45	775,079.28	775,100.15	775,121.07	0.00%	0.00%	0.01%	0.01%	0.01%	0.01%
13	40,000	16,000,000	1,104,089.03	1,104,109.67	1,104,130.45	1,104,151.28	1,104,172.15	1,104,193.07	0.00%	0.00%	0.00%	0.01%	0.01%	0.01%
14	40,000	24,000,000	1,549,301.03	1,549,321.67	1,549,342.45	1,549,363.28	1,549,384.15	1,549,405.07	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%
15	80,000	32,000,000	2,207,445.03	2,207,465.67	2,207,486.45	2,207,507.28	2,207,528.15	2,207,549.07	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
16	80,000	48,000,000	3,097,669.03	3,097,689.67	3,097,710.45	3,097,731.28	3,097,752.15	3,097,773.07	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
17	160,000	64,000,000	4,414,157.03	4,414,177.67	4,414,198.45	4,414,219.28	4,414,240.15	4,414,261.07	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
18	160,000	96,000,000	6,195,005.03	6,195,025.67	6,195,046.45	6,195,067.28	6,195,088.15	6,195,109.07	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Rider ESRR (% of Base Distribution Revenue)  
Rider DCI (% of Base Distribution Revenue)  
Incremental Rider DCI above Current 8.356%

1.240%  
17.435%  
9.079%

1.240%  
40.924%  
32.568%

1.240%  
47.741%  
39.385%

1.240%  
54.465%  
46.110%

Current bills are calculated using base rates as filed in Case No. 17-32-EL-AIR. Rider DCI calculated at 8.356%.

LINE NO.	RATE CODE	LEVEL or DEMAND (KW)	LEVEL or USE (KWH)	2018			2019			2020			2021			2022			2023 - 2024												
				PROPOSED BILL (D)	PERCENT INCR/(DECR) (D/C - 1) (%)	INCR/(DECR) (D/C - 1) (%)	PROPOSED BILL (E)	PERCENT INCR/(DECR) (E/C - 1) (%)	INCR/(DECR) (E/C - 1) (%)	PROPOSED BILL (F)	PERCENT INCR/(DECR) (F/C - 1) (%)	INCR/(DECR) (F/C - 1) (%)	PROPOSED BILL (G)	PERCENT INCR/(DECR) (G/C - 1) (%)	INCR/(DECR) (G/C - 1) (%)	PROPOSED BILL (H)	PERCENT INCR/(DECR) (H/C - 1) (%)	INCR/(DECR) (H/C - 1) (%)	PROPOSED BILL (I)	PERCENT INCR/(DECR) (I/C - 1) (%)	INCR/(DECR) (I/C - 1) (%)	PROPOSED BILL (J)	PERCENT INCR/(DECR) (J/C - 1) (%)	INCR/(DECR) (J/C - 1) (%)							
1	DS-RTP	100	2,019.14	2,085.56	3.29%	2,136.36	2.48%	2,189.50	8.44%	2,236.76	10.78%	2,280.65	12.95%	2,323.94	15.10%																
2		100	2,615.07	2,681.49	2.54%	2,732.29	4.81%	2,785.43	6.51%	2,832.69	8.32%	2,876.58	10.00%	2,919.87	11.66%																
3		100	3,198.71	3,266.13	2.08%	3,316.93	3.06%	3,370.07	5.32%	3,417.33	6.80%	3,461.22	8.17%	3,504.51	9.53%																
4		300	5,333.28	5,522.10	3.54%	5,698.50	6.25%	5,817.56	9.08%	5,951.92	11.60%	6,076.66	13.94%	6,190.72	16.25%																
5		300	7,121.07	7,309.89	2.65%	7,464.29	4.88%	7,605.34	4.88%	7,749.71	7.79%	7,884.45	8.69%	7,987.51	12.17%																
6		300	8,874.99	9,063.81	2.13%	9,208.21	3.79%	9,359.26	5.46%	9,493.63	8.43%	9,618.37	8.38%	9,741.43	9.76%																
7		500	8,647.43	8,938.05	3.60%	9,190.64	6.33%	9,443.61	9.23%	9,687.07	11.79%	9,872.87	14.11%	10,075.50	16.51%																
8		500	14,350.28	14,861.50	2.14%	15,099.49	3.77%	15,348.46	5.49%	15,569.92	7.01%	15,775.52	8.42%	15,978.35	9.81%																
9		500	20,339.98	20,651.20	1.53%	20,889.19	2.70%	21,138.16	3.92%	21,359.62	5.01%	21,565.22	6.02%	21,768.05	7.02%																
10	DP-RTP	500	11,330.83	11,597.21	2.35%	11,800.91	4.15%	12,014.01	6.03%	12,203.56	7.70%	12,379.53	9.26%	12,553.13	10.79%																
11		500	15,549.26	15,815.64	1.71%	16,019.34	3.02%	16,232.44	4.39%	16,421.99	5.61%	16,597.97	6.74%	16,771.57	7.86%																
12		800	10,985.55	11,406.42	3.74%	11,720.61	6.59%	12,049.30	9.58%	12,341.68	12.24%	12,613.11	14.71%	12,880.88	17.15%																
13		800	17,912.09	18,322.96	2.29%	18,637.16	4.05%	18,965.85	5.88%	19,256.22	7.52%	19,529.66	9.03%	19,797.43	10.53%																
14		800	24,661.58	25,072.45	1.67%	25,368.65	2.94%	25,715.34	4.27%	26,007.72	5.46%	26,279.15	6.56%	26,546.92	7.64%																
15		1,000	13,653.92	14,161.12	3.71%	14,548.98	6.56%	14,954.73	9.53%	15,315.65	12.17%	15,650.72	14.82%	15,981.27	17.05%																
16		1,000	22,299.60	22,806.80	2.27%	23,194.66	4.01%	23,600.41	5.83%	23,961.34	7.45%	24,296.41	8.92%	24,628.95	10.44%																
17		1,000	30,736.46	31,243.66	1.65%	31,631.52	2.91%	32,037.27	4.23%	32,398.20	5.41%	32,733.27	6.50%	33,063.82	7.57%																
18		1,500	20,299.84	21,047.87	3.68%	21,619.89	6.50%	22,218.29	9.45%	22,750.59	12.07%	23,244.75	14.51%	23,732.25	16.91%																
19		1,500	33,268.36	34,016.38	2.25%	34,588.41	3.97%	35,186.82	5.77%	35,719.11	7.37%	36,213.28	8.85%	36,700.77	10.32%																
20		1,500	45,923.86	46,871.89	1.63%	47,243.71	2.87%	47,584.11	4.16%	47,974.41	5.34%	48,368.57	6.41%	48,756.07	7.47%																
21		3,000	40,237.61	41,708.11	3.65%	42,832.62	6.45%	44,008.99	9.37%	45,055.40	11.97%	46,020.85	14.39%	46,985.19	16.77%																
22		3,000	66,135.19	67,625.89	3.22%	68,750.19	7.25%	69,926.57	5.70%	70,972.97	7.28%	71,944.42	8.75%	72,902.77	10.20%																
23		3,000	91,194.49	92,664.99	1.61%	93,789.49	2.85%	94,985.86	4.14%	96,012.27	5.28%	96,983.72	6.35%	97,942.06	7.40%																
24	TS-RTP	10,000	388,000.03	388,020.67	0.01%	388,036.45	0.01%	388,052.96	0.01%	388,067.65	0.02%	388,081.28	0.02%	388,094.73	0.02%																
25		20,000	325,704.03	325,724.67	0.01%	325,740.45	0.01%	325,756.96	0.02%	325,771.65	0.02%	325,785.28	0.02%	325,798.73	0.03%																
26		20,000	552,536.03	552,556.67	0.00%	552,572.45	0.01%	552,588.96	0.01%	552,604.55	0.01%	552,617.28	0.01%	552,630.73	0.02%																
27		20,000	775,142.03	775,162.67	0.00%	775,178.45	0.00%	775,194.96	0.01%	775,209.65	0.01%	775,223.28	0.01%	775,236.73	0.01%																
28		40,000	1,104,214.03	1,104,234.67	0.00%	1,104,250.45	0.00%	1,104,266.96	0.00%	1,104,281.65	0.01%	1,104,295.28	0.01%	1,104,308.73	0.01%																
29		40,000	1,549,426.03	1,549,446.67	0.00%	1,549,462.45	0.00%	1,549,478.96	0.00%	1,549,493.65	0.00%	1,549,507.28	0.01%	1,549,520.73	0.01%																
30		80,000	2,207,576.03	2,207,596.67	0.00%	2,207,606.45	0.00%	2,207,616.96	0.00%	2,207,626.65	0.00%	2,207,637.28	0.00%	2,207,647.73	0.00%																
31		160,000	3,097,984.03	3,098,014.67	0.00%	3,098,030.45	0.00%	3,098,046.96	0.00%	3,098,061.65	0.00%	3,098,075.28	0.00%	3,098,088.73	0.00%																
32		160,000	4,414,282.03	4,414,302.67	0.00%	4,414,318.45	0.00%	4,414,334.96	0.00%	4,414,349.65	0.00%	4,414,363.28	0.00%	4,414,376.73	0.00%																
33		160,000	6,195,130.03	6,195,150.67	0.00%	6,195,166.45	0.00%	6,195,182.96	0.00%	6,195,197.65	0.00%	6,195,211.28	0.00%	6,195,224.73	0.00%																
Rider ESRR (% of Base Distribution Revenue)																		1.240%		1.240%		1.240%		1.240%		1.240%		1.240%		1.240%	
Rider DCI (% of Base Distribution Revenue)																		17.435%		17.435%		17.435%		17.435%		17.435%		17.435%		17.435%	
Incremental Rider DCI above Current 8.355%																		9.079%		9.079%		9.079%		9.079%		9.079%		9.079%		9.079%	
Current bills are calculated using base rates as filed in Case No. 17-32-EL-AIR. Rider DCI calculated at 8.355%.																															
																		54.466%		54.466%		54.466%		54.466%		54.466%		54.466%		54.466%	
																		39.385%		39.385%		39.385%		39.385%		39.385%		39.385%		39.385%	
																		46.110%		46.110%		46.110%		46.110%		46.110%		46.110%		46.110%	

**Duke Energy Ohio****Summary of Electric Service Riders**

<b>New Riders Being Proposed in ESP IV</b>		<b>Abbreviation</b>	<b>Sheet No.</b>
Regulatory Mandates Rider	Rider RMR		77
Incentive Ratemaking Mechanism	Rider IRM		82
PowerForward Rider	Rider PF		84
Electric Service Reliability Rider	Rider ESRR		80
<b>Riders Being Modified / Continued in ESP IV</b>		<b>Abbreviation</b>	<b>Sheet No.</b>
Net Metering Rider - Hospitals	Rider NM-H		47
Net Metering Rider	Rider NM		48
Distribution Capital Investment Rider	Rider DCI		103
Price Stabilization Rider	Rider PSR		126
Uncollectible Expense Electric Generation Rider	Rider UE-GEN		88
Uncollectible Expense - Electric Distribution Rider	Rider UE-ED		108
Distribution Decoupling Rider	Rider DDR		122
<b>Riders Being Eliminated in ESP IV</b>		<b>Abbreviation</b>	<b>Sheet No.</b>
Economic Competitiveness Fund Rider	Rider ECF		105
Load Factor Adjustment Rider	Rider LFA		114
<b>Riders with No Changes Being Proposed in ESP IV</b>		<b>Abbreviation</b>	<b>Sheet No.</b>
Development Incentive Rider	Rider DIR		71
Rider Temporary Service	Rider TS		72
Line Extension Policy	Rider X		74
Emergency Electric Procedures Rider	Rider EEPC		75
Load Management Rider	Rider LM		76
Thermal Energy Storage Rider	Rider TES		78
GoGreen Rider	Rider GP		79
Ohio Excise Tax Rider	Rider OET		83
Universal Service Fund Rider	Rider USR		86
Peak Load Management Rider	Rider PLM		87
Base Transmission Rider	Rider BTR		89
Backup Delivery Point Capacity Rider	Rider BDP		94
Meter Data Charges Rider	Rider MDC		95
Meter Service Charge Rider	Rider MSC		96
Regional Transmission Organization Rider	Rider RTO		97
Generation Service Support Rider	Rider GSS		98
Optional Summary Billing Service Pilot	Rider SBS		99
Distribution Storm Rider	Rider DSR		101
Infrastructure Modernization Rider	Rider DR-IM		104
Alternative Energy Recovery Rider	Rider AER-R		110
Retail Capacity Rider	Rider RC		111
Retail Energy Rider	Rider RE		112
Uncollectible Expense Electric Generation Rider	Rider UE-GEN		88
Energy Efficiency and Peak Demand Response Recovery Rate	Rider EE-PDRR		119
Energy Efficiency and Peak Demand Response Recovery Rider	Rider EE-PDR		120
Industrial Demand Management (Pilot)	Rider DM-I		123