

**BEFORE**

**THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of Duke     )  
Energy Ohio, Inc. to Adjust and Set the     )     Case No. 20-1151-EL-RDR  
Rate for Rider BTR.                             )

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**APPLICATION OF DUKE ENERGY OHIO, INC.  
TO ADJUST AND SET THE RATES FOR RIDER BTR**

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Duke Energy Ohio, Inc., (Duke Energy Ohio or Company) is an Ohio corporation engaged in the business of supplying electric transmission, distribution, and a standard service offer<sup>1</sup> to customers in southwestern Ohio, all of whom will be affected by this Application, and is a public utility as defined by R. C. 4905.02 and 4905.03. Duke Energy Ohio serves incorporated communities and unincorporated territory within its entire service area, which includes all or parts of Adams, Brown, Butler, Clinton, Clermont, Hamilton, Montgomery, and Warren Counties in Ohio.

In support of its Application, Duke Energy Ohio states as follows:

1. This Application is made pursuant to O.A.C. Chapter 4901:1-36 and the Opinion and Order of the Commission, issued May 25, 2011, in Case No. 11-2641-EL-RDR, *et al.* (Opinion and Order).<sup>2</sup> In its Opinion and Order, the Commission approved a stipulation in which the signatory parties agreed, among other things, that Duke Energy Ohio would

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<sup>1</sup> Duke Energy Ohio provides a standard generation service offer pursuant to an electric security plan, most recently approved in *In the Matter of the Application of Duke Energy Ohio, Inc., for Authority to Establish a Standard Service Offer Pursuant to R.C.4928.143 In the Form of an Electric Security Plan, Accounting Modifications, and Tariffs for Generation Service*, Case No. 17-1263-EL-SSO, *et al.*

<sup>2</sup> *In the Matter of the Application of Duke Energy Ohio, Inc., for Approval of the Establishment of Rider BTR and Associated Tariff Approval*, Case No. 11-2641-EL-RDR, *et al.*, Opinion and Order (May 25, 2011).

implement a base transmission rate rider (Rider BTR).<sup>3</sup> Rider BTR was approved to continue in Duke Energy Ohio's most recent electric security plan proceedings but was modified to include the use of a one Coincident Peak factor for purposes of allocating transmission costs to individual rate schedules and for calculating demand-based charges.<sup>4</sup>

2. Rider BTR is a nonbypassable rider that is designed to recover all other costs billed to Duke Energy Ohio under tariffs approved by the Federal Energy Regulatory Commission (FERC). FERC-approved costs include fees associated with the realignment of regional transmission organization (RTO) memberships, such as exit and entrance fees and integration costs, as well as transmission expansion planning costs assessed by the RTOs into which the Company has realigned and from which the Company has exited.

3. The stipulation approved by the Commission in its Opinion and Order includes an agreement to credit customers for the first \$121 million in regional transmission expansion plan (RTEP) costs billed by PJM Interconnection L.L.C.

4. Schedules supporting the calculation of the proposed rate for Rider BTR are provided as attachments hereto. The schedules support the calculations for the various cost components that were approved for recovery through Rider BTR. Each individual cost to be recovered is allocated among the rate classes on a one coincident peak (CP) demand basis, except Schedule 1A, which is allocated on an energy basis. The rate to be recovered from each rate class on an energy basis, except DS, DP and TS, is determined by dividing the total allocated class revenue requirement by the respective kWh sales. The rate to be recovered from DS, DP,

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<sup>3</sup> The Opinion and Order also approved establishment of Rider RTO (Regional Transmission Organization). The rate under Rider RTO is currently zero. *See In the Matter of the Application of Duke Energy Ohio, Inc. to Adjust its Regional Transmission Organization Rider, Rider RTO*, Case No. 13-1633-EL-RDR, Letter (June 20, 2014). No adjustment of Rider RTO is being sought in this Application.

<sup>4</sup> *In the Matter of the Application of Duke Energy Ohio, Inc., for Authority to Establish a Standard Service Offer Pursuant to R.C.4928.143 In the Form of an Electric Security Plan, Accounting Modifications, and Tariffs for Generation Service*, Case No. 17-1263-EL-SSO, *et al.*, Opinion and Order, (December 19, 2018) at pg. 35.

and TS customers is determined by dividing the total allocated class revenue requirement by the respective kW demand. The RTEP credit is first allocated between residential and non-residential customers on a 12 CP demand basis, with the amount of the credit given back to all customers on an energy basis, taking the allocated cost to each group (residential and non-residential) and dividing by the respective kWh sales.

5. Attached hereto are the following schedules, numbered to correspond with the information required by the Appendix to O.A.C. Rule 4901:1-36-03:

<b>Schedule A-1</b>	Copy of proposed tariff schedule (Rider BTR)
<b>Schedule A-2</b>	Copy of redlined current tariff schedule (Rider BTR), showing changes as compared with the tariff approved by the Commission
<b>Schedule B-1</b>	Summary of Total Projected Transmission Costs/Revenues
<b>Schedule B-2</b>	Summary of Current versus Proposed Transmission Revenues
<b>Schedule B-3</b>	Summary of Current and Proposed Rates
<b>Schedule B-4</b>	Typical Bill Comparisons
<b>Schedule C-1</b>	Projected Transmission Costs/Revenues by Month
<b>Schedule C-2</b>	Monthly Projected Costs/Revenues by Rate Schedule
<b>Schedule C-3</b>	Projected Transmission Cost Recovery Rider Rate Calculations
<b>Schedule D-1</b>	Reconciliation Adjustment – Monthly Costs
<b>Schedule D-2</b>	Monthly Revenues Collected from each Rate Schedule
<b>Schedule D-3</b>	Monthly Over- and Under-recovery
<b>Schedule D-3a</b>	Carrying Cost Calculation

6. Also attached to this Application is the additional information required biennially by O.A.C. Rule 4901:1-36-06, explaining policies and procedures for minimizing costs in the transmission cost recovery rider, where the electric utility has control over such costs.

Duke Energy Ohio respectfully requests that the Commission approve this Application and the attached tariff and rates for Rider BTR and order rates to be effective September 29, 2020.

Respectfully submitted,

DUKE ENERGY OHIO, INC.

/s/ Larisa M. Vaysman

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**Network Integration Transmission Service (NITS)**

**a) Complete description of the cost.**

Network customers pay daily demand charges to PJM Interconnection, Inc. (PJM) transmission owners using the applicable zonal or non-zone Network Integration Transmission Service rates. All network customers in the AP zone receive rebates to hold them harmless from the network rate conversion upon PJM integration. For transmission owners (except those in ATSI, PPL, ComEd, Dayton, and Duquesne zones), the charges for their own transmission facilities are not actually paid (i.e., exempted with an equal amount credits) and are shown only to identify their cost responsibility as ordered by Federal Energy Regulatory Commission (FERC). Low voltage charges also apply for the ATSI zone based on their peak load contribution in each ATSI utility service territory using the applicable customer's low voltage billing factor for each ATSI service territory.

**b) Detailed explanation of why Duke Energy Ohio is assessed the cost.**

As part of the Stipulation and Recommendation in Cases 11-2641-EL-RDR, and 11-2642-EL-RDR, it was determined with suppliers serving switched retail, and standard service offer load that these charges would be paid by Duke Energy Ohio, Inc. (Duke Energy Ohio or Company). These charges are directly associated with serving load from the PJM transmission system. Daily demand charges are calculated as network customers' daily network service peak load contribution, times 1/365th of the applicable zonal rate(s) for the zone(s) in which the network load is located. Monthly negative offset charges are rebated to AP zone network customers based on the applicable rates in PJM tariff Attachment H-11, section 4. Non-zone network service peak load contributions are coincident with the PJM Region peak. Daily low voltage charges are assessed to network customers in the ATSI zone for use of transmission facilities below 138 kV based on their network service peak load contribution MW times the low voltage rate times the percentage of their load serving those facilities.

**c) Detailed explanation of the control Duke Energy Ohio has over the cost.**

Duke Energy Ohio has no control over the costs since the Company is assessed the cost based on its load and cost based FERC approved tariff rates.

**d) Detailed explanation of the policies and procedures in place to minimize these costs.**

N/A. See response to c), above.

**Transmission Owner Scheduling, System control and Dispatch Service – Schedule 1A**

**a) Complete description of the cost.**

All Transmission Customers purchase this from PJM to schedule energy through, out, within, or into PJM.

**b) Detailed explanation of why Duke Energy Ohio is assessed the cost.**

As part of the Stipulation and Recommendation in Cases 11-2641-EL-RDR and 11-2642-EL-RDR, it was determined with suppliers serving switched retail, and standard service offer load that these charges would be paid by Duke Energy Ohio. Monthly charges for the operation of the PJM transmission owners' control centers are calculated for transmission customers based on their monthly usage of the PJM transmission system. Point-to-Point Transmission Customers pay a pool-wide rate of \$0.0912/MWh based on their energy deliveries including losses, and network customers pay applicable zonal rates provided in Schedule 1A of the Tariff based on the real-time MWh of monthly load they serve. Retail load schedules with reconciliation data (in kWh) provided by the applicable EDC are reconciled on an hourly basis using zonal \$/MWh billing determinants equal to the applicable zonal Schedule 1A rates on a two-month billing lag.

**c) Detailed explanation of the control Duke Energy Ohio has over the cost.**

Duke Energy Ohio has no control over the costs.

**d) Detailed explanation of the policies and procedures in place to minimize these costs.**

N/A. See response to c), above.

**Reactive Supply and Voltage Control from Generation and Other Sources Service – Schedule 2**

**a) Complete description of the cost.**

All Transmission Customers purchase this from PJM to maintain acceptable transmission voltages.

**b) Detailed explanation of why Duke Energy Ohio is assessed the cost.**

As part of the Stipulation and Recommendation in Cases 11-2641-EL-RDR, and 11-2642-EL-RDR, it was determined with suppliers serving switched retail, and standard service offer load that these charges would be paid by Duke Energy Ohio. Monthly pool-wide reactive revenue requirements allocated as charges to point-to-point customers (and to network customers in transmission zones with no reactive revenue requirements) based on their monthly peak usage of the PJM transmission system. Monthly peak usage equals the total hourly amounts of transmission capacity reserved, and not curtailed by PJM, divided by 24. The remaining reactive revenue requirements for each transmission zone not recovered from point-to-point customers are allocated to the network customers serving load in that zone based on their monthly network service peak load contributions.

**c) Detailed explanation of the control Duke Energy Ohio has over the cost.**

Duke Energy Ohio does not have any control over the costs since the Company is assessed the cost based on its load and cost based FERC approved tariff rates.

**d) Detailed explanation of the policies and procedures in place to minimize these costs.**

N/A. See response to c), above.

**Regional Transmission Expansion Planning – Schedule 12**

**a) Complete description of the cost.**

All network customers and merchant transmission owners pay transmission owners for required transmission enhancement projects in accordance with the zonal cost responsibility allocations in the appendix to Schedule 12. All transmission projects collecting these payments are on PJM's website under Transmission Services/Formula Rates.

**b) Detailed explanation of why Duke Energy Ohio is assessed the cost.**

As part of the Stipulation and Recommendation in Cases 11-2641-EL-RDR, and 11-2642-EL-RDR, it was determined with suppliers serving switched retail, and standard service offer load that these charges would be paid by Duke Energy Ohio. All network customers serving load in a responsible zone pay for that zone's applicable projects' revenue requirements in proportion to their network service peak load share in that zone, and responsible merchant transmission owners also pay their share of applicable revenue requirements.

**c) Detailed explanation of the control Duke Energy Ohio has over the cost.**

Duke Energy Ohio has no control over the costs since the company is assessed the cost based on its load and cost based FERC approved tariff rates.

**d) Detailed explanation of the policies and procedures in place to minimize these costs.**

N/A. See response to c), above.

**MISO Transmission Expansion Plan**

**a) Complete description of the cost.**

These costs consist of Legacy Midcontinent Independent System Operator, Inc. (MISO) transmission enhancement projects the Company is liable for due to prior membership in MISO.

**b) Detailed explanation of why Duke Energy Ohio is assessed the cost.**

Duke Energy Ohio is assessed the costs due to their prior membership in MISO.

**c) Detailed explanation of the control Duke Energy Ohio has over the cost.**

Duke Energy Ohio has no control over the costs.

**d) Detailed explanation of the policies and procedures in place to minimize these costs.**

N/A see response to c), above.

**Day-Ahead Load Response Charge Allocation**

**a) Complete description of the cost.**

The Day-Ahead Load Response Charge Allocation line item allocates the cost of load response payments in the day-ahead market to Load Serving Entities (LSEs) serving day-ahead load in zones where the zonal day-ahead Locational Marginal Pricing (LMP) is higher than the net benefit threshold. The Day-ahead Load Response Charge Allocation is based on a load-ratio share, using the real-time load. It is also allocated based on ratio share for real-time exports. Details of this charge can be found in the PJM Tariff, Attachment K, Section 3.3A.5, (d).

**b) Detailed explanation of why Duke Energy Ohio is assessed the cost.**

As part of the Stipulation and Recommendation in Cases 11-2641-EL-RDR, and 11-2642-EL-RDR, it was determined with suppliers serving switched retail, and standard service offer load that these charges would be paid by Duke Energy Ohio.

**c) Detailed explanation of the control Duke Energy Ohio has over the cost.**

Duke Energy Ohio has no control over the costs.

**d) Detailed explanation of the policies and procedures in place to minimize these costs.**

N/A. See response to c), above.



**Real-Time Load Response Charge Allocation**

**a) Complete description of the cost.**

The Real-Time Load Response Charge Allocation line item allocates the cost of load response payments in the balancing market to LSEs serving real-time load in zones where the zonal real-time LMP is higher than the net benefit threshold. The Real-time Load Response Charge Allocation is based on a load-ratio share, using the real-time load. It is also allocated based on ratio share for real-time exports. Details of this charge can be found in the PJM Tariff, Attachment K, Section 3.3A.5 (d).

**b) Detailed explanation of why Duke Energy Ohio is assessed the cost.**

As part of the Stipulation and Recommendation in Cases 11-2641-EL-RDR, and 11-2642-EL-RDR, it was determined with suppliers serving switched retail, and standard service offer load that these charges would be paid by Duke Energy Ohio.

**c) Detailed explanation of the control Duke Energy Ohio has over the cost.**

Duke Energy Ohio has no control over the costs.

**a) Detailed explanation of the policies and procedures in place to minimize these costs.**

N/A. See response to c), above.

**Generation Deactivation**

**a) Complete description of the cost.**

Revenues are collected for generators requesting retirement where PJM studies find reliability issues that require the generation to continue operating.

**b) Detailed explanation of why Duke Energy Ohio is assessed the cost.**

In the process of finalizing the Stipulation and Recommendation in Cases 11-2641-EL-RDR, and 11-2642-EL-RDR, and obtaining its approval by the Commission, it was determined with suppliers serving switched retail, and standard service offer load that these charges would be paid by Duke Energy Ohio.

**c) Detailed explanation of the control Duke Energy Ohio has over the cost.**

Duke Energy Ohio has no control over the costs.

**d) Detailed explanation of the policies and procedures in place to minimize these costs.**

N/A. See response to c), above.

**SCHEDULE A-1  
PROPOSED TARIFF**

**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.

This Rider is subject to reconciliation, including, but not limited to, refunds or additional charges to customers, based upon the flow through impact to this Rider of changes to the Open Access Transmission Tariff approved by the Federal Energy Regulatory Commission (including changes related to the Tax Cuts and Jobs Act of 2017) or based upon the results of audits ordered by the Commission in accordance with the April 2, 2015 Opinion and Order in Case No. 14-841-EL-SSO.

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 20-1151-EL-RDR before the Public Utilities Commission of Ohio.

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

Effective: September 29, 2020

Issued by Amy B. Spiller, President

## 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	\$0.010213
Rate ORH, Optional Residential Service With Electric Space Heating All kWh	\$0.010213
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering All kWh	\$0.010213
Rate TD, Optional Time-of-Day Rate All kWh	\$0.010213
Rate CUR, Common Use Residential Rate All kWh	\$0.010213
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering All kWh	\$0.010213
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering All kWh	\$0.010213

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 20-1151-EL-RDR before the Public Utilities Commission of Ohio.

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

Effective: September 29, 2020

Issued by Amy B. Spiller, President

BTR Charge Tariff Sheet

BTR Charge  
(per kWh/kW)

Rate DS, Service at Secondary Distribution Voltage All kW	\$2.628300
Rate GS-FL, Optional Unmetered For Small Fixed Loads All kWh	\$0.007860
Rate EH, Optional Rate For Electric Space Heating All kWh	\$0.000189
Rate DM, Secondary Distribution Service, Small All kWh	\$0.009205
Rate DP, Service at Primary Distribution Voltage All kW	\$2.296900
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines All kWh	\$0.007860
Rate TS, Service at Transmission Voltage All kVA	\$2.509300
Rate SL, Street Lighting Service All kWh	\$0.000189
Rate TL, Traffic Lighting Service All kWh	\$0.000189
Rate OL, Outdoor Lighting Service All kWh	\$0.000189
Rate NSU, Street Lighting Service for Non-Standard Units All kWh	\$0.000189
Rate NSP, Private Outdoor Lighting for Non-Standard Units All kWh	\$0.000189
Rate SC, Street Lighting Service - Customer Owned All kWh	\$0.000189
Rate SE, Street Lighting Service - Overhead Equivalent All kWh	\$0.000189
Rate UOLS, Unmetered Outdoor Lighting Electric Service All kWh	\$0.000189
Rate LED, LED Outdoor Electric Lighting Service All kWh	\$0.000189

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 20-1151-EL-RDR before the Public Utilities Commission of Ohio.

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

Effective: September 29, 2020

Issued by Amy B. Spiller, President

RTEP Credit

<u>Tariff Sheet</u>	<u>RTEP Credit</u> (per kWh)
Rate RS, RSLI, RS3P, Residential Service	\$0.000835
Rate ORH, Optional Residential Service With Electric Space Heating	\$0.000835
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering	\$0.000835
Rate TD, Optional Time-of-Day Rate	\$0.000835
Rate CUR, Common Use Residential Rate	\$0.000835
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering	\$0.000835
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering	\$0.000835
Rate DS, Service at Secondary Distribution Voltage	\$0.000552
Rate EH, Optional Rate For Electric Space Heating	\$0.000552
Rate DM, Secondary Distribution Service, Small	\$0.000552
Rate DP, Service at Primary Distribution Voltage	\$0.000552
Rate GS-FL, Optional Unmetered For Small Fixed Loads	\$0.000552
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	\$0.000552
Rate TS, Service at Transmission Voltage	\$0.000552
Rate SL, Street Lighting Service	\$0.000552
Rate TL, Traffic Lighting Service	\$0.000552
Rate OL, Outdoor Lighting Service	\$0.000552
Rate NSU, Street Lighting Service for Non-Standard Units	\$0.000552
Rate NSP, Private Outdoor Lighting for Non-Standard Units	\$0.000552
Rate SC, Street Lighting Service - Customer Owned	\$0.000552
Rate SE, Street Lighting Service - Overhead Equivalent	\$0.000552
Rate UOLS, Unmetered Outdoor Lighting Electric Service	\$0.000552
Rate LED, LED Outdoor Electric Lighting Service	\$0.000552

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 20-1151-EL-RDR before the Public Utilities Commission of Ohio.

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

Effective: September 29, 2020

Issued by Amy B. Spiller, President

**SCHEDULE A-2**  
**REDLINED CURRENT TARIFF**



## 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.

This Rider is subject to reconciliation, including, but not limited to, refunds or additional charges to customers, based upon the flow through impact to this Rider of changes to the Open Access Transmission Tariff approved by the Federal Energy Regulatory Commission (including changes related to the Tax Cuts and Jobs Act of 2017) or based upon the results of audits ordered by the Commission in accordance with the April 2, 2015 Opinion and Order in Case No. 14-841-EL-SSO.

Filed pursuant to an Order dated ~~September 26, 2019~~ in Case No. ~~19-131920-1151~~-EL-RDR before the Public Utilities Commission of Ohio.

Issued: ~~September 26, 2019~~

Effective: ~~September 30, 2019~~September 29, 2020

Issued by Amy B. Spiller, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 89.~~0809~~  
Cancels and Supersedes  
Sheet No. 89.~~0708~~  
Page 2 of 4

## 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:

### BTR Charge Tariff Sheet

BTR Charge  
(per kWh/kW)

Rate RS, RSLI, RS3P, Residential Service

All kWh

\$0.~~007713~~.010213

Rate ORH, Optional Residential Service With Electric Space Heating

All kWh

\$0.~~007713~~.010213

Rate TD-AM, Time-of-Day Rate For Residential Service

With Advance Metering

All kWh

\$0.~~007713~~.010213

Rate TD, Optional Time-of-Day Rate

All kWh

\$0.~~007713~~.010213

Rate CUR, Common Use Residential Rate

All kWh

\$0.~~007713~~.010213

Rate TD-CPP\_LITE, Optional Critical Peak Pricing Rate For

Residential Service With Advance Metering

All kWh

\$0.~~007713~~.010213

Rate TD-LITE, Optional Time-of-Day Rate For Residential Service

With Advance Metering

All kWh

\$0.~~007713~~.010213

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Issued: ~~September 26, 2019~~

Effective: ~~September 30, 2019~~September 29, 2020

Issued by Amy B. Spiller, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 89.0809  
Cancels and Supersedes  
Sheet No. 89.0708  
Page 3 of 4

BTR Charge Tariff Sheet

BTR Charge  
(per kWh/kW)

Rate DS, Service at Secondary Distribution Voltage All kW	\$ <del>2.0721002</del> .628300
Rate GS-FL, Optional Unmetered For Small Fixed Loads All kWh	\$ <del>0.006818</del> .007860
Rate EH, Optional Rate For Electric Space Heating All kWh	\$ <del>0.000164</del> .000189
Rate DM, Secondary Distribution Service, Small All kWh	\$ <del>0.0072000</del> 09205
Rate DP, Service at Primary Distribution Voltage All kW	\$ <del>1.8679002</del> .296900
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines All kWh	\$ <del>0.006818</del> .007860
Rate TS, Service at Transmission Voltage All kVA	\$ <del>1.5197002</del> .509300
Rate SL, Street Lighting Service All kWh	\$ <del>0.000164</del> .000189
Rate TL, Traffic Lighting Service All kWh	\$ <del>0.000164</del> .000189
Rate OL, Outdoor Lighting Service All kWh	\$ <del>0.000164</del> .000189
Rate NSU, Street Lighting Service for Non-Standard Units All kWh	\$ <del>0.000164</del> .000189
Rate NSP, Private Outdoor Lighting for Non-Standard Units All kWh	\$ <del>0.000164</del> .000189
Rate SC, Street Lighting Service - Customer Owned All kWh	\$ <del>0.000164</del> .000189
Rate SE, Street Lighting Service - Overhead Equivalent All kWh	\$ <del>0.000164</del> .000189
Rate UOLS, Unmetered Outdoor Lighting Electric Service All kWh	\$ <del>0.000164</del> .000189
Rate LED, LED Outdoor Electric Lighting Service All kWh	\$ <del>0.000164</del> .000189

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Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 89.0809  
Cancels and Supersedes  
Sheet No. 89.0708  
Page 4 of 4

RTEP Credit

Tariff Sheet

RTEP Credit  
(per kWh)

Rate RS, RSLI, RS3P, Residential Service	<del>(\$0.000059)</del> <u>\$0.000835</u>
Rate ORH, Optional Residential Service With Electric Space Heating	<del>(\$0.000059)</del> <u>\$0.000835</u>
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering	<del>(\$0.000059)</del> <u>\$0.000835</u>
Rate TD, Optional Time-of-Day Rate	<del>(\$0.000059)</del> <u>\$0.000835</u>
Rate CUR, Common Use Residential Rate	<del>(\$0.000059)</del> <u>\$0.000835</u>
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering	<del>(\$0.000059)</del> <u>\$0.000835</u>
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering	<del>(\$0.000059)</del> <u>\$0.000835</u>
Rate DS, Service at Secondary Distribution Voltage	<del>(\$0.000040)</del> <u>\$0.000552</u>
Rate EH, Optional Rate For Electric Space Heating	<del>(\$0.000040)</del> <u>\$0.000552</u>
Rate DM, Secondary Distribution Service, Small	<del>(\$0.000040)</del> <u>\$0.000552</u>
Rate DP, Service at Primary Distribution Voltage	<del>(\$0.000040)</del> <u>\$0.000552</u>
Rate GS-FL, Optional Unmetered For Small Fixed Loads	<del>(\$0.000040)</del> <u>\$0.000552</u>
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	<del>(\$0.000040)</del> <u>\$0.000552</u>
Rate TS, Service at Transmission Voltage	<del>(\$0.000040)</del> <u>\$0.000552</u>
Rate SL, Street Lighting Service	<del>(\$0.000040)</del> <u>\$0.000552</u>
Rate TL, Traffic Lighting Service	<del>(\$0.000040)</del> <u>\$0.000552</u>
Rate OL, Outdoor Lighting Service	<del>(\$0.000040)</del> <u>\$0.000552</u>
Rate NSU, Street Lighting Service for Non-Standard Units	<del>(\$0.000040)</del> <u>\$0.000552</u>
Rate NSP, Private Outdoor Lighting for Non-Standard Units	<del>(\$0.000040)</del> <u>\$0.000552</u>
Rate SC, Street Lighting Service - Customer Owned	<del>(\$0.000040)</del> <u>\$0.000552</u>
Rate SE, Street Lighting Service - Overhead Equivalent	<del>(\$0.000040)</del> <u>\$0.000552</u>
Rate UOLS, Unmetered Outdoor Lighting Electric Service	<del>(\$0.000040)</del> <u>\$0.000552</u>
Rate LED, LED Outdoor Electric Lighting Service	<del>(\$0.000040)</del> <u>\$0.000552</u>

Filed pursuant to an Order dated September 26, 2019 in Case No. 19-131920-1151-EL-RDR before the Public Utilities Commission of Ohio.

Issued: September 26, 2019

Effective: September 30, 2019September 29, 2020

Issued by Amy B. Spiller, President

**SCHEDULE B-1**  
**SUMMARY OF TOTAL PROJECTED**  
**TRANSMISSION COSTS / REVENUES**

Duke Energy Ohio, Inc.  
Base Transmission Rider  
Summary of Total Projected Transmission Costs/Revenues  
For the Period October 2020 through September 2021

Case No. 20-1151-EL-RDR  
Schedule B-1  
Page 1 of 1

Line	Description	Costs 10/1/2020 - 9/30/2021	Note	Allocation Basis
<b>Costs Included in Rider BTR</b>				
1	Network Integrated Transmission Services (NITS)	\$ 125,526,288	(1)	Demand
2	Schedule 1A - Transmission Owner Scheduling and System Control and Dispatch	3,757,866	(4)	Energy
3	Schedule 2 - Reactive Supply and Voltage Control from Generation and Other Sources	7,437,900	(2)	Demand
4	Schedule 1A - Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	(31,138)	(4)	Energy
5	Schedule 12 - Regional Transmission Expansion Planning (RTEP)	9,267,408	(2)	Demand
6	Schedule 12 - RTEP - Order 494	(1,274,520)	(5)	Demand
7	Midwest Transmission Expansion Planning (MTEP)	3,883,152	(2)	Demand
8	Day-Ahead Load Response Charge Allocation	11,811	(3)	Demand
9	Real-Time Load Response Charge Allocation	2,243	(3)	Demand
10	Generation Deactivation Refund	-	(3)	Demand
11	PJM Customer Payment Default	162,770	(3)	Demand
12	Non-Firm Point-to-Point (Billing Line 2140)	(77,047)	(3)	Demand
13	<b>Total Costs Recoverable in Rider BTR</b>	<u>\$ 148,666,733</u>		
14	RTEP Credit	\$ (7,992,888)		
15	<b>Total Net Costs Recoverable in Rider BTR</b>	<u><u>\$ 140,673,845</u></u>		

- Notes: (1) Projection based on Attachment H-22A filed with FERC on May 15, 2020. In addition, the months of June through September 2021 include an increase of 3.32% which reflects the fact that the NITS rate generally increases in June of each year.
- (2) Projection based on annualization of actual amount per PJM invoice for May 2020.
- (3) Annualized invoice charges supplied by PJM for the period June 2019 through May 2020.
- (4) Annualized invoice charges supplied by PJM for the period June 2019 through May 2020, decreased by -15.33% based on the Schedule 1A rate contained in the Attachment H-22A filed with FERC on May 15, 2020.
- (5) Projection based on May 31, 2018, FERC Order in Docket No. EL05-121-009.

**SCHEDULE B-2**  
**SUMMARY OF CURRENT versus**  
**PROPOSED TRANSMISSION REVENUES**

Duke Energy Ohio, Inc.  
Base Transmission Rider  
Summary of Current versus Proposed Transmission Revenues  
For the Period October 2020 through September 2021

Case No. 20-1151-EL-RDR  
Schedule B-2  
Page 1 of 1

Line	Rate Schedule (a)	Proposed Rate		Current Rate		Billing Determinants <sup>(1)</sup>		Proposed Revenues		Current Revenues <sup>(2)</sup>		Variance		Percentage Change (k)
		\$/kW-month (b)	\$/kWh <sup>(3)</sup> (c)	\$/kW-month (d)	\$/kWh <sup>(3)</sup> (e)	kW (f)	kWh (g)	\$ (h)	\$ (i)	\$ (j)	\$ (l)			
1	Residential (RS, TD, ORH)		0.009378		0.007772		7,438,370,602	\$ 69,757,039.51	\$ 57,811,016.32	\$ 11,946,023.19			20.66%	
2	Secondary Distribution (DS)	2.628300	(0.000552)	2.072100	0.000040	18,899,888	6,262,064,622	46,217,915.96	39,412,940.51	6,804,975.45			17.27%	
3	Electric Space Heating (EH)		(0.000363)		0.000204		53,376,289	(19,375.59)	10,888.76	(30,264.35)			-277.94%	
4	Secondary Distribution Service Small (DM)		0.008653		0.007240		579,770,808	5,016,756.80	4,197,540.65	819,216.15			19.52%	
5	Unmetered Small Fixed Loads (GSFL, ADPL)		0.007308		0.006858		29,835,479	218,037.68	204,611.71	13,425.97			6.56%	
6	Primary Distribution Voltage (DP)	2.296900	(0.000552)	1.867900	0.000040	4,604,740	2,025,024,674	9,458,813.69	8,682,194.83	776,618.86			8.94%	
7	Transmission Voltage (TS)	2.509300	(0.000552)	1.519700	0.000040	6,178,759	3,169,278,579	13,754,918.18	9,516,631.20	4,238,286.98			44.54%	
8	Lighting		(0.000363)		0.000204		112,101,303	(40,692.77)	22,868.67	(63,561.44)			-277.94%	
9	Total							\$ 144,363,413.46	\$ 119,858,692.65	\$ 24,504,720.81				

Notes: (1) Demand and energy based on actual data for the 12 months ended 5/31/2020. Includes all demand and energy on Duke Energy Ohio's system.

(2) Current revenues are calculated based on current BTR rates and all demand and energy on Duke Energy Ohio's system.

(3) Rates RS, TD, ORH, EH, DM, GSFL, ADPL and lighting consist of a BTR charge (Schedule C-3) and a RTEP credit (Schedule C-3a).



**SCHEDULE B-3  
SUMMARY OF CURRENT AND  
PROPOSED TRANSMISSION RATES**

Duke Energy Ohio, Inc.  
Base Transmission Rider  
Summary of Current and Proposed Rates  
For the Period October 2020 through September 2021

Case No. 20-1151-EL-RDR  
Schedule B-3  
Page 1 of 1

Line	Rate Schedule (a)	Proposed Rate		Current Rate		Variance		Percentage Change	
		\$/kW-month (b)	\$/kWh <sup>(1)</sup> (c)	\$/kW-month (d)	\$/kWh <sup>(1)</sup> (e)	\$/kW-month (f)	\$/kWh (g)	\$/kW-month (h)	\$/kWh (i)
1	Residential (RS, TD, ORH)		0.009378		0.007772		0.001606		20.66%
2	Secondary Distribution (DS)	2.628300	(0.000552)	2.072100	0.000040	0.5562	(0.000592)	26.84%	-1480.00%
3	Electric Space Heating (EH)		(0.000363)		0.000204		(0.000567)		-277.94%
4	Secondary Distribution Service Small (DM)		0.008653		0.007240		0.001413		19.52%
5	Unmetered Small Fixed Loads (GSFL, ADPL)		0.007308		0.006858		0.000450		6.56%
6	Primary Distribution Voltage (DP)	2.296900	(0.000552)	1.867900	0.000040	0.4290	(0.000592)	22.97%	-1480.00%
7	Transmission Voltage (TS)	2.509300	(0.000552)	1.519700	0.000040	0.9896	(0.000592)	65.12%	-1480.00%
8	Lighting		(0.000363)		0.000204		(0.000567)		-277.94%
9	Total								

Notes: (1) Rates RS, TD, ORH, EH, DM, GSFL, ADPL and lighting consist of a BTR charge (Schedule C-3) and a RTEP credit (Schedule C-3a).

**SCHEDULE C-1**  
**PROJECTED TRANSMISSION COSTS/REVENUES**  
**BY MONTH**

Line	Cost Component (a)	Costs												Total for Period	
		Oct 2020 (b)	Nov 2020 (c)	Dec 2020 (d)	Jan 2021 (e)	Feb 2021 (f)	Mar 2021 (g)	Apr 2021 (h)	May 2021 (i)	Jun 2021 (j)	Jul 2021 (k)	Aug 2021 (l)	Sep 2021 (m)	(n)	
1	Network Integrated Transmission Services (NITS)	\$ 10,544,129	\$10,203,995	\$10,544,129	\$10,544,129	\$9,523,729	\$10,544,129	\$10,203,995	\$10,544,129	\$ 10,542,768	\$10,894,194	\$10,894,194	\$10,542,768	\$125,526,288	
2	Schedule 1A - Transmission Owner Scheduling and System Control and Dispatch	313,156	313,156	313,156	313,156	313,156	313,156	313,156	313,156	313,156	313,156	313,156	313,156	\$3,757,866	
3	Schedule 2 - Reactive Supply and Voltage Control from Generation and Other Sources	619,825	619,825	619,825	619,825	619,825	619,825	619,825	619,825	619,825	619,825	619,825	619,825	\$7,437,900	
4	Schedule 1A - Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	(2,595)	(2,595)	(2,595)	(2,595)	(2,595)	(2,595)	(2,595)	(2,595)	(2,595)	(2,595)	(2,595)	(2,595)	(\$31,138)	
5	Schedule 12 - Regional Transmission Expansion Planning (RTEP)	772,284	772,284	772,284	772,284	772,284	772,284	772,284	772,284	772,284	772,284	772,284	772,284	\$9,267,408	
6	Schedule 12 - RTEP - Order 494	(106,210)	(106,210)	(106,210)	(106,210)	(106,210)	(106,210)	(106,210)	(106,210)	(106,210)	(106,210)	(106,210)	(106,210)	(\$1,274,520)	
7	Midwest Transmission Expansion Planning (MTEP)	323,596	323,596	323,596	323,596	323,596	323,596	323,596	323,596	323,596	323,596	323,596	323,596	\$3,883,152	
8	Day-Ahead Load Response Charge Allocation	984	984	984	984	984	984	984	984	984	984	984	987	\$11,811	
9	Real-Time Load Response Charge Allocation	187	187	187	187	187	187	187	187	187	187	187	186	\$2,243	
10	Generation Deactivation Refund	-	-	-	-	-	-	-	-	-	-	-	-	\$0	
11	PJM Customer Payment Default	13,564	13,564	13,564	13,564	13,564	13,564	13,564	13,564	13,564	13,564	13,564	13,566	\$162,770	
12	Non-Firm Point-to-Point (Billing Line 2140)	(6,421)	(6,421)	(6,421)	(6,421)	(6,421)	(6,421)	(6,421)	(6,421)	(6,421)	(6,421)	(6,421)	(6,416)	(\$77,047)	
13	Miscellaneous Other Includable Charges (e.g., PUCO Consultant Fees)	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	Total	\$12,472,499	\$12,132,365	\$12,472,499	\$12,472,499	\$11,452,099	\$12,472,499	\$12,132,365	\$12,472,499	\$12,471,138	\$12,822,564	\$12,822,564	\$12,471,143	\$148,686,733	

**SCHEDULE C-2**  
**PROJECTED TRANSMISSION COSTS/REVENUES**  
**BY MONTH BY RATE SCHEDULE**

[illegible]

**SCHEDULE C-3**  
**PROJECTED TRANSMISSION COST RECOVERY**  
**RIDER RATE CALCULATIONS**

Duke Energy Ohio, Inc.  
Base Transmission Rider  
Projected Transmission Cost Recovery Rider Rate Calculations  
BTR Rate Calculations  
For the Period October 2020 through September 2021

Line	Rate Classification (a)	Coincident Peak Demand Allocation		Total Energy Allocation		Allocated Rev Req (4)		Allocated Rev Req (4)		Total Projected Allocated Rev Req (h)		Allocated Under(Over) Recovery (6)		Allocated Carrying Charges (6)		Total Allocated Rev Req (k)		Billing Determinants (2)		Calculated Rate		Rate Including CAT (3)	
		1 CP (kW) (1)	% (b)	Sales (kWh) (2)	% (e)	Demand Rev Req (4)	% (f)	Energy Rev Req (4)	% (g)	Energy Rev Req (h)	% (i)	Under(Over) Recovery (6)	% (j)	Charges (6)	% (l)	Rev Req (k)	% (m)	Demand	% (n)	\$/kWh (o)	% (p)	\$/kWh (q)	% (r)
1	Residential (RS, TD, ORH)	2,404,662	48.540%	7,438,370,602	37.816%	\$70,353,878		\$1,409,300		\$71,763,178		\$3,903,955		\$98,050		\$75,765,183		7,438,370,602		0.010186		0.010213	
2	Secondary Distribution (DS)	1,563,947	31.569%	6,262,064,622	31.836%	\$45,756,110		\$1,186,441		\$46,942,551		\$2,539,018		\$63,769		\$49,545,338		18,889,888		2.621500		2.628300	
3	Electric Space Heating (EH)	-	0.000%	53,376,289	0.271%	\$0		\$10,099		\$10,099		\$0		\$0		\$10,099		53,376,289		0.000189		0.000189	
4	Secondary Distribution Service Small (DM)	168,607	3.403%	579,770,808	2.948%	\$4,932,308		\$109,864		\$5,042,172		\$273,695		\$6,874		\$5,322,741		579,770,808		0.009181		0.009205	
5	Unmetered Small Fixed Loads (GSFL, ADPL)	7,361	0.149%	29,835,479	0.152%	\$215,961		\$5,665		\$221,626		\$11,984		\$301		\$233,911		29,835,479		0.007840		0.007860	
6	Primary Distribution Voltage (DP)	328,759	6.636%	2,025,024,674	10.285%	\$9,618,219		\$383,667		\$10,001,886		\$533,717		\$13,405		\$10,549,008		4,604,740		2.290900		2.296900	
7	Transmission Voltage (TS)	480,664	9.703%	3,469,278,579	16.112%	\$14,063,529		\$600,450		\$14,863,979		\$780,389		\$19,600		\$15,463,968		6,178,759		2.502800		2.509300	
8	Lighting	-	0.000%	112,101,303	0.570%	\$0		\$21,242		\$21,242		\$0		\$0		\$21,242		112,101,303		0.000189		0.000189	
9	Total	4,954,000	100.000%	19,669,822,356	100.000%	\$144,940,005		\$3,726,728		\$148,666,733		\$8,042,758		201,999		\$156,911,490							

Notes: (1) Allocation of demand-related charges based on terms of Stipulation approved in Case No. 17-1263-EL-SSO, et al., page 35. 1 CP is based on 12 months ended December 31, 2019 kWh and Load Research data.

(2) Energy based on actual data for the 12 months ended 5/31/2020. Demand based on actual data for the 12 months ended 5/31/2020.

(3) Includes all demand and energy on Duke Energy Ohio's system.

(4) Calculated rate including the Commercial Activities Tax at an effective rate of 0.26068%.

(5) Source: Schedule C-1. Demand allocated revenue requirement includes Sch. 9 (NITS), Sch. 2, Sch. 12 (RTEP), MTEP, Day-Ahead Load Response, Real-Time Load Response and Non-Firm Point-to-Point.

(6) Source: Schedule D-3, Page 4, Line 7.

(7) Source: Schedule D-3a, Pages 1 & 2, Line 5.



Line	Rate Classification (a)	12 CP (kW) <sup>(1)</sup> (b)	Coincident Peak Allocation Percentages (c)	Allocated Rev Req Sch 12 <sup>(8)</sup> (d)	Allocated (Under)Over Recovery <sup>(6)</sup> (e)	Allocated Carrying Charges <sup>(7)</sup> (f)	Total Allocated Rev Req (g)	Billing Determinants <sup>(2)</sup> Energy (h)	Calculated Rate \$/kWh <sup>(6)</sup> (i)	Rate Including CAT <sup>(3)</sup> \$/kWh (j)
1	Residential (RS, TD, ORH)	2,143,344	47.905%	\$3,828,993	\$2,241,887	\$123,701	\$6,194,581	7,438,370,602	(0.000833)	(0.000835)
2	Non-Residential:									
3	Secondary Distribution (DS)	1,410,947	31.535%	\$2,520,557	\$1,475,795	\$81,431	\$4,077,783	6,262,064,622		(0.000552)
4	Electric Space Heating (EH)	18,985	0.424%	\$33,890	\$19,843	\$1,095	\$54,828	53,376,289		(0.000552)
5	Secondary Distribution Service Small (DM)	150,250	3.358%	\$268,401	\$157,150	\$8,671	\$434,222	579,770,808		(0.000552)
6	Unmetered Small Fixed Loads (GSFL, ADPL)	7,648	0.171%	\$13,668	\$8,003	\$442	\$22,113	29,835,479		(0.000552)
7	Primary Distribution Voltage (DP)	292,634	6.541%	\$522,815	\$306,110	\$16,890	\$845,815	2,025,024,674		(0.000552)
8	Transmission Voltage (TS)	450,360	10.066%	\$804,564	\$471,075	\$25,993	\$1,301,632	3,169,278,579		(0.000552)
9	Lighting	-	0.000%	\$0	\$0	\$0	\$0	112,101,303		(0.000552)
10	Sub-Total Non-Residential	2,330,824	52.095%	\$4,163,895	\$2,437,976	\$134,522	\$6,736,393	12,231,451,754	(0.000551)	(0.000552)
11	Total Duke Energy Ohio	4,474,168	100.000%	\$7,992,888	\$4,679,863	258,223	\$12,930,974	19,669,822,356		

Notes:

(1) 12 CP is based on 12 months ended December 31, 2019 kWh and Load Research data.

(2) Energy based on actual data for the 12 months ended 5/31/2020. Includes all energy on Duke Energy Ohio's system.

#REF!

(4) Per Commission Order in Case No. 11-2641-EL-RDR, the first \$121 million in RTEP costs (RTEP Commitment) billed to Duke Energy Ohio by PJM, shall be credited to customers. As of this filing, the accumulated RTEP costs credited to customers is \$70,957,820. Within 30 days of the RTEP Commitment being fully credited back to customers, Duke Energy Ohio shall inform the Commission that credits have ceased by filing a letter of termination with the Commission.

(5) Per Commission Order in Case No. 11-2641-EL-RDR, the RTEP Commitment is allocated first between residential and nonresidential customers using 12 CP. The amount of the credit allocated to both residential and nonresidential customers is credited to customers on an energy basis.

(6) Source: Schedule D-3, Page 2, Line 14.

(7) Source: Schedule D-3a, Pages 1 & 2, Line 11.

(8) Source: Schedule C-1.

**SCHEDULE D-1  
RECONCILIATION ADJUSTMENT  
MONTHLY COSTS**

Line	Scheduled Transmission Charges	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20						
1	Network Integration Transmission Services (NITS)	\$	8,666,587.92	\$	8,955,188.60	\$	8,955,189.29	\$	8,666,310.60	\$	8,955,187.90	\$	8,619,933.63	\$	8,619,932.96	\$	8,341,871.10	\$	8,619,933.40
2	Schedule 1A - Transmission Owner Scheduling and System Control and Dispatch		276,907.41		342,383.40		318,030.65		298,977.33		246,466.34		258,112.39		276,601.30		214,828.44		232,146.90
3	Schedule 2 - Reactive Supply and Voltage Control from Generation and Other Sources		664,491.52		627,684.31		627,118.59		627,074.55		631,414.44		635,865.31		622,730.19		621,254.89		619,825.14
4	Schedule 1A - Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service		335.41		(1,230.76)		(2,153.62)		(1,965.14)		6,020.11		(10,080.73)		(1,368.30)		(0.77)		(5,097.62)
5	Schedule 12 - Regional Transmission Expansion Planning (RTEP)		(791,604.21)		810,653.97		810,654.19		810,654.07		818,166.87		811,388.71		772,737.96		772,284.45		772,283.99
6	Schedule 12 - RTEP - Order 494		(924,755.52)		(253,681.93)		(253,681.85)		(253,681.93)		(253,676.11)		(253,678.73)		(105,528.51)		(105,528.53)		(105,528.53)
7	Midwest Transmission Expansion Planning (MTEP)		349,742.04		349,742.06		349,740.47		349,733.38		349,734.51		323,596.10		323,596.07		323,596.12		323,596.12
8	Day-Ahead Load Response Charge Allocation		746.16		1,615.55		4,230.53		857.68		1,040.16		1,228.45		816.80		460.28		65.34
9	Real-Time Load Response Charge Allocation		167.88		(32.30)		2,027.26		(643.55)		373.24		233.46		79.55		241.88		(8.26)
10	Generation Deactivation Refund		11,913.40		6,819.41		6,890.45		9,540.31		15,534.02		11,559.77		41,896.95		24,016.06		3,556.00
11	PJM Customer Payment Default		(7,980.20)		(9,620.09)		(9,405.13)		(6,655.94)		(6,610.08)		(8,957.77)		(6,355.18)		(4,708.48)		(2,754.01)
12	Non-Firm Point-to-Point (Billing Line 2140)																		
13	Miscellaneous Bilateral																		
14	Sub Total Transmission Charges		\$8,246,551.81		\$10,828,285.00		\$10,806,027.44		\$10,503,581.30		\$10,766,183.50		\$10,487,504.93		\$10,355,740.24		\$9,872,814.35		\$10,459,695.15
15	Total Transmission Scheduled Charges per prior filing		N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A
16	Total Transmission Charges		\$8,246,551.81		\$10,828,285.00		\$10,806,027.44		\$10,503,581.30		\$10,766,183.50		\$10,487,504.93		\$10,355,740.24		\$9,872,814.35		\$10,459,695.15

**SCHEDULE D-2**  
**MONTHLY REVENUES COLLECTED**  
**FROM EACH RATE SCHEDULE**

Line	Description	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20
<b>Rate Schedule</b>													
1	Secondary Distribution Service Small (DM)	\$286,836.24	\$369,182.14	\$348,886.98	\$341,660.39	\$318,439.16	\$358,492.48	\$485,799.06	\$358,089.02	\$361,343.21	\$323,231.25	\$284,947.58	\$282,389.76
2	Primary Distribution Voltage (DP)	720,993.73	817,214.37	742,049.75	820,006.17	632,643.06	716,802.19	934,312.09	674,889.59	709,796.80	671,793.76	677,614.79	732,749.07
3	Secondary Distribution (DS)	3,058,745.72	3,292,998.30	3,101,021.84	3,207,535.59	3,030,950.94	3,696,723.72	4,155,243.15	3,027,724.47	3,182,594.70	2,987,613.47	2,859,556.12	3,166,912.96
4	Electric Space Heating (EH)	685.83	326.92	(857.35)	259.89	552.08	(1,012.32)	2,342.22	(11,849.94)	1,398.62	1,618.77	(2,140.93)	905.39
5	Unmetered Small Fixed Loads (GSFL, ADPL)	16,444.26	16,318.88	15,776.40	16,066.93	15,245.42	19,796.42	22,574.44	16,282.24	17,242.15	16,287.83	16,360.63	18,333.96
6	Lighting	20,327.40	20,210.98	19,551.83	19,777.62	794.09	(1,110.06)	2,462.42	1,558.00	2,129.45	1,769.13	1,824.17	2,032.94
7	Residential (RS, TD, ORH)	3,948,767.28	5,441,860.05	5,206,903.10	4,836,494.01	4,169,307.58	4,319,488.53	6,836,860.49	5,158,572.15	5,057,228.32	4,417,360.86	3,754,581.01	4,040,492.47
8	Transmission Voltage (TS)	604,283.03	1,211,032.42	1,583,546.88	1,020,401.37	386,387.15	1,352,902.52	940,903.29	751,603.86	1,025,829.25	639,779.11	740,596.81	538,589.94
9	<b>Total Revenue</b>	<b>\$8,657,083.49</b>	<b>\$11,169,142.06</b>	<b>\$11,016,889.43</b>	<b>\$10,262,201.97</b>	<b>\$8,554,319.48</b>	<b>\$10,462,083.48</b>	<b>\$13,380,497.16</b>	<b>\$9,976,869.39</b>	<b>\$10,357,562.50</b>	<b>\$9,059,454.18</b>	<b>\$8,313,340.18</b>	<b>\$8,782,406.49</b>
10	BTR Revenues	\$6,746,588.87	\$8,600,104.10	\$8,488,769.47	\$7,939,287.59	\$8,712,092.07	\$11,146,733.53	\$13,275,331.48	\$9,898,576.33	\$10,280,520.16	\$8,989,744.79	\$8,251,869.44	\$8,720,468.34
11	CAT Tax @ 0.26%	(\$17,495.59)	(\$22,302.28)	(\$22,013.57)	(\$20,588.62)	(\$22,592.70)	(\$28,906.35)	(\$34,426.35)	(\$25,669.56)	(\$26,660.04)	(\$23,312.72)	(\$21,399.22)	(\$22,614.42)
12	BTR Revenue excluding CAT Tax	\$6,729,073.28	\$8,577,801.82	\$8,466,755.90	\$7,918,698.97	\$8,689,499.37	\$11,117,827.18	\$13,240,905.13	\$9,872,906.77	\$10,253,860.12	\$8,966,432.07	\$8,230,470.22	\$8,697,853.92
13	RTEP Credit	\$1,910,514.62	\$2,569,037.96	\$2,528,119.96	\$2,322,914.38	(\$157,772.59)	(\$684,650.05)	\$105,165.68	\$78,293.06	\$77,042.34	\$69,709.39	\$61,470.74	\$61,938.15
14	CAT Tax @ 0.26%	(\$4,954.46)	(\$6,662.18)	(\$6,556.07)	(\$6,023.92)	\$409.14	\$1,775.47	(\$272.72)	(\$203.03)	(\$199.79)	(\$180.77)	(\$159.41)	(\$160.62)
15	RTEP Credit excluding CAT Tax	\$1,905,560.16	\$2,562,375.78	\$2,521,563.89	\$2,316,890.46	(\$157,363.45)	(\$682,874.58)	\$104,892.96	\$78,090.03	\$76,842.55	\$69,528.62	\$61,311.33	\$61,777.53

**SCHEDULE D-3**  
**MONTHLY OVER AND UNDER RECOVERY**

Line	Description	Reference	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Total
<b>BTR Reconciliation</b>															
1	Transmission Charges	Sch D-1, Line 13	\$8,246,551.81	\$10,828,285.00	\$10,806,027.44	\$10,503,581.30	\$10,766,183.50	\$10,467,504.93	\$10,355,740.24	\$10,549,516.35	\$9,872,814.35	\$10,483,605.59	\$10,169,148.85	\$10,459,695.15	\$123,508,665.51
2	Revenue Collected in BTR	Sch D-2, Line 12	6,125,073.28	8,577,801.82	8,466,355.90	7,919,698.97	8,689,499.37	11,117,827.18	13,240,905.13	9,872,906.77	10,253,860.12	8,968,432.07	8,230,470.22	8,697,853.92	110,762,094.75
3	Current Month Over-(Under-) Collection		(\$1,517,478.55)	(\$2,250,463.16)	(\$2,339,271.54)	(\$2,584,862.33)	(\$2,076,684.13)	\$650,322.25	\$2,885,104.89	(\$376,609.36)	\$351,043.77	(\$1,517,715.32)	(\$1,938,679.63)	(\$1,761,841.23)	\$12,746,570.76)
4	Prior Period Over-(Under-) Collection <sup>(1)</sup>		832,413.92	832,413.92	832,413.92	832,413.92	585,862.25	585,862.25	585,862.25	585,862.25	585,862.25	585,862.25	585,862.25	585,862.25	8,016,563.68
5	Carrying Charges from prior period <sup>(2)</sup>		22,548.67	22,548.67	22,548.67	22,548.67	42,015.08	42,015.08	42,015.08	42,015.08	42,015.08	42,015.08	42,015.08	42,015.08	426,315.32
6	Over-(Under-) Collection from prior filing														
7	Net Over (Under) Collection to Include in Rates	To Sch. D-3, Page 2	(\$662,515.94)	(\$1,395,520.59)	(\$1,484,308.95)	(\$1,729,919.74)	(\$1,448,806.80)	\$1,278,199.58	\$3,513,042.22	(\$48,732.25)	\$1,008,923.10	(\$889,296.19)	(\$1,310,802.30)	(\$1,133,963.90)	(\$4,303,701.76)
<b>RTEP Credit Reconciliation</b>															
8	RTEP Charges to be Refunded	Sch D-1, Lines 5 & 6	1,716,359.73	(556,972.04)	(556,972.34)	(556,972.14)	(564,504.97)	(557,712.60)	(557,718.09)	(667,209.45)	(666,756.28)	(666,755.92)	(666,755.81)	(666,755.46)	(\$4,068,725.35)
9	Revenue Refunded in RTEP Credit		1,995,560.16	2,562,375.78	2,351,593.39	2,316,854.46	(157,353.65)	(632,874.58)	104,892.86	78,090.03	78,295.55	69,528.62	61,311.33	51,772.53	8,159,595.28
10	Current Month Over-(Under-) Collection		\$169,200.43	\$3,119,347.82	\$3,073,536.23	\$2,875,862.60	\$407,141.52	(\$125,161.96)	\$682,611.05	\$743,298.48	\$743,566.81	\$736,204.54	\$728,067.14	\$728,532.99	\$13,887,320.63
11	Prior Period Over-(Under-) Collection <sup>(3)</sup>		(873,591.17)	(873,591.17)	(873,591.17)	(873,591.17)	(696,085.75)	(696,085.75)	(696,085.75)	(696,085.75)	(696,085.75)	(696,085.75)	(696,085.75)	(696,085.75)	(9,063,060.68)
12	Carrying Charges from prior period <sup>(4)</sup>		444.25	444.25	444.25	444.25	(30,815.33)	(30,815.33)	(30,815.33)	(30,815.33)	(30,815.33)	(30,815.33)	(30,815.33)	(30,815.33)	(244,745.64)
13	Over-(Under-) Collection from prior filing														
14	Net Over (Under) Collection to Include in Rates	To Sch. D-3, Page 2	(\$683,946.49)	\$2,246,200.90	\$2,205,389.31	\$2,000,715.68	(\$319,759.56)	(\$852,063.06)	(\$64,290.03)	\$18,398.40	\$16,897.73	\$9,383.46	\$1,166.06	\$1,631.91	\$4,579,524.31

Notes: (1) June - September 2019 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 18-941-EL-RDR.  
October 2019 - May 2020 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 18-941-EL-RDR.  
(2) June - September 2019 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 18-941-EL-RDR.  
October 2019 - May 2020 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 18-941-EL-RDR.  
(3) June - September 2019 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 18-941-EL-RDR.  
October 2019 - May 2020 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 18-941-EL-RDR.  
(4) June - September 2019 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3a in Case No. 18-941-EL-RDR.  
October 2019 - May 2020 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3a in Case No. 18-941-EL-RDR.

Line	Description	Reference	Jun-20	Jul-20	Projected Aug-20	Sep-20	Projected	Actual	Total
<b>BTR Reconciliation</b>									
1	Transmission Charges	WPD-1a	12,132,385.00	12,472,498.00	12,472,499.00	12,132,385.00	48,209,728.00	\$123,508,655.51	\$172,718,383.51
2	Revenue Collected in BTR <sup>(4)</sup>	Company Records	9,015,373.71	11,480,448.96	11,680,832.67	10,782,506.89	42,989,162.23	\$110,762,084.75	\$153,721,246.98
3	Current Month Over- (Under-) Collection		(\$3,116,991.29)	(\$992,050.04)	(\$791,866.33)	(\$1,349,868.11)	(\$6,250,565.77)	(\$12,746,570.76)	(\$16,997,136.53)
4	Prior Period Over (Under) Collection <sup>(1)</sup>		585,862.25	585,862.25	585,862.25	585,862.25	2,343,448.00	\$8,016,553.68	\$10,360,002.68
5	Carrying Charges from prior period <sup>(2)</sup>		42,015.08	42,015.08	42,015.08	42,015.08	168,060.32	\$426,315.32	\$594,375.64
6	Over- (Under-) Collection from prior filing		-	-	-	-	-	-	-
7	Net Over (Under) Collection to Include in Rates	To Sch. C-3	(\$2,489,113.96)	(\$384,172.71)	(\$163,789.00)	(\$721,980.78)	(\$3,739,056.45)	(\$4,303,701.76)	(\$8,042,758.21)
<b>RTEP Credit Reconciliation</b>									
8	RTEP Charges to be Refunded	WPD-1a	(666,074.00)	(666,074.00)	(666,074.00)	(666,074.00)	(2,664,296.00)	(4,988,725.35)	(\$7,633,021.35)
9	Revenue Refunded in RTEP Credit <sup>(4)</sup>	Company Records	69,191.84	92,903.22	94,823.76	86,728.62	343,647.44	8,918,595.28	\$9,262,242.72
10	Current Month Over- (Under-) Collection		\$735,265.84	\$768,977.22	\$760,897.76	\$752,802.62	\$3,007,943.44	\$13,887,320.63	\$16,895,264.07
11	Prior Period Over (Under) Collection <sup>(1)</sup>		(696,085.75)	(696,085.75)	(696,085.75)	(696,085.75)	(2,784,343.00)	(9,063,050.68)	(\$11,847,393.68)
12	Carrying Charges from prior period <sup>(2)</sup>		(30,815.33)	(30,815.33)	(30,815.33)	(30,815.33)	(123,261.32)	(244,745.64)	(\$368,006.96)
13	Over- (Under-) Collection from prior filing		-	-	-	-	-	-	-
14	Net Over (Under) Collection to Include in Rates	To Sch. C-3a	\$8,364.76	\$32,076.14	\$33,996.68	\$25,901.54	\$100,339.12	\$4,579,524.31	\$4,679,863.43

Notes: (1) June - September 2020 represents one-twelfth of the Allocated Under(Over) Recovery from Case No. 19-1319-EL-RDR.  
(2) June - September 2020 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3 in Case No. 19-1319-EL-RDR.  
(3) June - September 2020 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3a in Case No. 19-1319-EL-RDR.  
(4) June - September 2020 estimated using rates approved in Case No. 19-1319-EL-RDR applied to 2019 billing determinants.



**SCHEDULE D-3a**  
**CARRYING COST CALCULATION**

Line	Description	Reference	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20
1	<b>BTR</b>													
2	Monthly Balances													
3	Beginning Balance of Over- (Under-) Recovery													
4	Current Month Over- (Under-) Collection	Sch D-3, Pg 1, Line 3 To Sch. C-3	\$6,837,966.01 (\$1,517,478.53)	\$5,346,628.48 (2,250,483.18)	\$3,114,297.30 (2,339,271.54)	\$783,387.76 (2,584,882.33)	(\$1,803,683.57) (2,076,684.13)	(\$3,892,588.70) 650,322.25	(\$3,257,606.45) 2,885,164.89	(\$380,246.56) (676,609.58)	(\$1,059,946.14) 381,045.77	(\$682,639.37) (1,517,173.52)	(\$2,206,009.89) (1,938,679.63)	(\$4,158,343.52) (1,761,841.23)
5	Carrying Charge (a)		26,141.00	18,152.00	8,362.00	(2,189.00)	(12,221.00)	(15,340.00)	(7,805.00)	(3,090.00)	(3,739.00)	(6,197.00)	(13,654.00)	(21,669.00)
6	Ending Balance		\$5,346,628.48	\$3,114,297.30	\$783,387.76	(\$1,803,683.57)	(\$3,892,588.70)	(\$3,257,606.45)	(\$380,246.56)	(\$1,059,946.14)	(\$682,639.37)	(\$2,206,009.89)	(\$4,158,343.52)	(\$5,941,853.75)
7	<b>RTEP Credit</b>													
8	Monthly Balances													
9	Beginning Balance of Over- (Under-) Recovery													
10	Current Month Over- (Under-) Collection	Sch D-3, Pg 1, Line 10 To Sch. C-3a	(\$6,608,928.65) 189,200.43	(\$5,447,740.22) 3,119,347.82	(\$3,349,411.40) 3,078,536.23	(\$278,659.17) 2,873,862.60	\$2,600,184.43 407,141.52	\$3,019,381.95 (125,161.98)	\$2,906,933.97 662,611.05	\$3,583,469.02 745,299.48	\$4,345,779.50 743,988.81	\$5,109,664.31 736,284.54	\$5,869,503.85 728,067.14	\$6,624,374.99 728,532.99
11	Carrying Charge (a)		(28,072.00)	(21,019.00)	(7,784.00)	4,981.00	12,056.00	12,714.00	13,924.00	17,011.00	20,286.00	23,555.00	26,804.00	30,051.00
12	Ending Balance		(\$6,447,740.22)	(\$3,349,411.40)	(\$278,659.17)	\$2,600,184.43	\$3,019,381.95	\$2,906,933.97	\$3,583,469.02	\$4,345,779.50	\$5,109,664.31	\$5,869,503.85	\$6,624,374.99	\$7,382,988.98

(a) Long term debt rate at 5.16% from Case No. 17-0032-EL-AIR

Line	Description	Reference	Projected			
			Jun-20	Jul-20	Aug-20	Sep-20
1	<b>BTR</b>					
2	Monthly Balances					
3	Beginning Balance of Over- (Under-) Recovery		(\$5,941,853.75)	(\$9,091,097.04)	(\$10,124,372.08)	(\$10,961,275.41)
4	Current Month Over- (Under-) Collection	Sch D-3, Pg 2, Line 3	(\$3,116,991.29)	(\$992,050.04)	(\$791,666.33)	(\$1,349,868.11)
5	Carrying Charge (a)	To Sch. C-3	(32,252.00)	(41,225.00)	(45,237.00)	(50,036.00)
6	Ending Balance		(\$9,091,097.04)	(\$10,124,372.08)	(\$10,961,275.41)	(\$12,361,169.52)
7	<b>RTEP Credit</b>					
8	Monthly Balances					
9	Beginning Balance of Over- (Under-) Recovery		\$7,382,958.98	\$8,151,552.82	\$8,947,213.04	\$9,748,219.80
10	Current Month Over- (Under-) Collection	Sch D-3, Pg 2, Line 10	\$735,265.84	\$758,977.22	\$760,897.76	\$752,802.62
11	Carrying Charge (a)	To Sch. C-3a	33,328.00	36,693.00	40,109.00	43,536.00
12	Ending Balance		\$8,151,552.82	\$8,947,213.04	\$9,748,219.80	\$10,544,558.42

(a) Long term debt rate at 5.16% from Case No. 17-0032-EL-AIR

**SCHEDULE B-4**  
**TYPICAL BILL COMPARISONS**

DUKE ENERGY OHIO  
CASE NO. 20-1151-EL-RDR  
TYPICAL BILL COMPARISON  
CURRENT versus PROPOSED RATES - RIDER BTR  
ELECTRIC SERVICE

Case No. 20-1151-EL-RDR

Schedule B-4  
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LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	BILL DATA			
				CURRENT BILL (1)	PROPOSED BILL (1)	DOLLAR INCR/(DECR)	PERCENT INCR/(DECR)
				(C)	(D)	(E)	(F)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)
1	RS	SUMMER					
2		NA	300	40.18	40.66	0.48	1.2
3		NA	400	50.73	51.37	0.64	1.3
4		NA	500	61.27	62.08	0.80	1.3
5		NA	800	92.92	94.21	1.28	1.4
6		NA	1,000	114.02	115.63	1.61	1.4
7		NA	1,500	166.77	169.18	2.41	1.4
8		NA	2,000	219.51	222.73	3.21	1.5
9	RS	WINTER					
10		NA	300	40.18	40.66	0.48	1.2
11		NA	400	50.73	51.37	0.64	1.3
12		NA	500	61.27	62.08	0.80	1.3
13		NA	800	92.92	94.21	1.28	1.4
14		NA	1,000	114.02	115.63	1.61	1.4
15		NA	1,500	156.56	158.97	2.41	1.5
16		NA	3,000	283.71	288.53	4.82	1.7
17		NA	6,000	537.56	547.20	9.64	1.8
18	ORH	SUMMER					
19		NA	1,000	94.87	96.47	1.61	1.7
20		NA	1,500	138.04	140.44	2.41	1.7
21		NA	2,000	181.20	184.42	3.21	1.8
22		NA	3,000	267.08	271.90	4.82	1.8
23	ORH	WINTER					
24		20	1,000	94.51	96.11	1.61	1.7
25		20	2,000	151.05	154.26	3.21	2.1
26		20	3,000	207.14	211.95	4.82	2.3
27		20	6,000	348.03	357.67	9.64	2.8
28	RSLI	SUMMER					
29		NA	300	35.60	36.09	0.48	1.4
30		NA	400	46.15	46.80	0.64	1.4
31		NA	500	56.70	57.51	0.80	1.4
32		NA	800	88.35	89.64	1.28	1.5
33		NA	1,000	109.45	111.05	1.61	1.5
34		NA	1,500	162.20	164.60	2.41	1.5
35		NA	2,000	214.94	218.15	3.21	1.5
36	RSLI	WINTER					
37		NA	300	35.60	36.09	0.48	1.4
38		NA	400	46.15	46.80	0.64	1.4
39		NA	500	56.70	57.51	0.80	1.4
40		NA	800	88.35	89.64	1.28	1.5
41		NA	1,000	109.45	111.05	1.61	1.5
42		NA	1,500	151.99	154.40	2.41	1.6
43		NA	3,000	279.14	283.96	4.82	1.7
44		NA	6,000	532.99	542.62	9.64	1.8

(1) For customers taking Duke Energy Ohio's Standard Service Offer for generation.

DUKE ENERGY OHIO  
CASE NO. 20-1151-EL-RDR  
TYPICAL BILL COMPARISON  
CURRENT versus PROPOSED RATES - RIDER BTR  
ELECTRIC SERVICE

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LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL OFF-PEAK USE (B)	LEVEL ON-PEAK USE (C)	BILL DATA			
					CURRENT BILL (1)	PROPOSED BILL (1)	DOLLAR INCR/(DECR) (E - D)	PERCENT INCR/(DECR) (F / D)
					(D)	(E)	(F)	(G)
		(KW)	(KWH)	(KWH)	(\$)	(\$)	(\$)	(%)
1	TD	SUMMER						
2		NA	1,000	400	203.33	205.58	2.25	1.1
3		NA	1,500	500	265.47	268.69	3.21	1.2
4		NA	1,460	540	274.84	278.06	3.21	1.2
5		NA	2,500	500	329.55	334.36	4.82	1.5
6		NA	2,700	600	372.19	377.49	5.30	1.4
7		NA	2,700	700	402.02	407.48	5.46	1.4
8		NA	2,800	700	408.43	414.05	5.62	1.4
9		NA	3,700	800	495.92	503.15	7.23	1.5
10		NA	4,500	1,000	606.84	615.67	8.83	1.5
11	TD	WINTER						
12		NA	1,000	400	211.41	213.66	2.25	1.1
13		NA	1,500	500	282.89	286.10	3.21	1.1
14		NA	1,460	540	288.97	292.18	3.21	1.1
15		NA	2,500	500	376.24	381.06	4.82	1.3
16		NA	2,700	600	419.44	424.74	5.30	1.3
17		NA	2,700	700	443.97	449.43	5.46	1.2
18		NA	2,800	700	453.31	458.93	5.62	1.2
19		NA	3,700	800	561.86	569.08	7.23	1.3
20		NA	4,500	1,000	685.60	694.43	8.83	1.3

(1) For customers taking Duke Energy Ohio's Standard Service Offer for generation.

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LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	BILL DATA			
				CURRENT BILL (1)	PROPOSED BILL (1)	DOLLAR INCR/(DECR) (D - C)	PERCENT INCR/(DECR) (E / C)
				(C)	(D)	(E)	(F)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)
1	CUR	SUMMER					
2		NA	300	40.85	41.33	0.48	1.2
3		NA	400	51.62	52.26	0.64	1.2
4		NA	500	62.39	63.20	0.80	1.3
5		NA	800	94.71	96.00	1.28	1.4
6		NA	1,000	116.26	117.86	1.61	1.4
7		NA	1,500	170.12	172.53	2.41	1.4
8		NA	2,000	223.98	227.20	3.21	1.4
9	CUR	WINTER					
10		NA	300	40.85	41.33	0.48	1.2
11		NA	400	51.62	52.26	0.64	1.2
12		NA	500	62.39	63.20	0.80	1.3
13		NA	800	94.71	96.00	1.28	1.4
14		NA	1,000	116.26	117.86	1.61	1.4
15		NA	1,500	159.96	162.37	2.41	1.5
16		NA	3,000	290.60	295.42	4.82	1.7
17		NA	6,000	551.44	561.07	9.64	1.7
18	RS3P	SUMMER					
19		NA	300	43.03	43.52	0.48	1.1
20		NA	400	53.58	54.23	0.64	1.2
21		NA	500	64.13	64.94	0.80	1.3
22		NA	800	95.78	97.07	1.28	1.3
23		NA	1,000	116.88	118.49	1.61	1.4
24		NA	1,500	169.63	172.03	2.41	1.4
25		NA	2,000	222.37	225.58	3.21	1.4
26	RS3P	WINTER					
27		NA	300	43.03	43.52	0.48	1.1
28		NA	400	53.58	54.23	0.64	1.2
29		NA	500	64.13	64.94	0.80	1.3
30		NA	800	95.78	97.07	1.28	1.3
31		NA	1,000	116.88	118.49	1.61	1.4
32		NA	1,500	159.42	161.83	2.41	1.5
33		NA	3,000	286.57	291.39	4.82	1.7
34		NA	6,000	540.42	550.05	9.64	1.8

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LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	BILL DATA			
				CURRENT BILL (1)	PROPOSED BILL (1)	DOLLAR INCR/(DECR) (D - C)	PERCENT INCR/(DECR) (E / C)
				(C)	(D)	(E)	(F)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)
1	DS	30	6,000	714.96	728.10	13.13	1.8
2		30	9,000	877.09	888.45	11.36	1.3
3		30	12,000	1,035.60	1,045.18	9.58	0.9
4		50	10,000	1,155.74	1,177.63	21.89	1.9
5		50	15,000	1,425.96	1,444.89	18.93	1.3
6		50	20,000	1,687.34	1,703.31	15.97	0.9
7		75	15,000	1,706.71	1,739.55	32.84	1.9
8		75	20,000	1,974.13	2,004.00	29.88	1.5
9		75	30,000	2,499.91	2,523.87	23.96	1.0
10		100	20,000	2,254.89	2,298.67	43.78	1.9
11		100	30,000	2,789.71	2,827.57	37.86	1.4
12		100	40,000	3,312.48	3,344.42	31.94	1.0
13		300	60,000	6,640.27	6,771.61	131.34	2.0
14		300	90,000	8,244.75	8,358.33	113.58	1.4
15		300	120,000	9,813.05	9,908.87	95.82	1.0
16		500	100,000	11,025.66	11,244.56	218.90	2.0
17		500	200,000	16,313.63	16,473.33	159.70	1.0
18		500	300,000	21,484.52	21,585.02	100.50	0.5
19	EH	WINTER					
20		NA	9,400	862.04	856.71	(5.33)	(0.6)
21		NA	23,600	2,073.58	2,060.20	(13.38)	(0.6)
22		NA	37,800	3,281.98	3,260.55	(21.43)	(0.7)

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LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	BILL DATA			
				CURRENT BILL (1)	PROPOSED BILL (1)	DOLLAR INCR/(DECR) (D - C)	PERCENT INCR/(DECR) (E / C)
				(C)	(D)	(E)	(F)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)
1	DM	SUMMER					
2		1	72	18.89	18.99	0.10	0.5
3		1	144	28.00	28.20	0.20	0.7
4		1	288	46.21	46.61	0.41	0.9
5		5	360	55.31	55.82	0.51	0.9
6		5	720	100.84	101.85	1.02	1.0
7		5	1,440	191.89	193.92	2.03	1.1
8		10	720	100.84	101.85	1.02	1.0
9		10	1,440	191.89	193.92	2.03	1.1
10		10	2,880	367.89	371.96	4.07	1.1
11		15	1,080	146.36	147.89	1.53	1.0
12		15	2,160	282.87	285.92	3.05	1.1
13		15	4,320	446.73	452.84	6.10	1.4
14		15	6,480	558.97	568.13	9.16	1.6
15	DM	WINTER					
16		1	72	18.89	18.99	0.10	0.5
17		1	144	28.00	28.20	0.20	0.7
18		1	288	46.21	46.61	0.41	0.9
19		5	360	55.31	55.82	0.51	0.9
20		5	720	100.84	101.85	1.02	1.0
21		5	1,440	191.89	193.92	2.03	1.1
22		10	720	100.84	101.85	1.02	1.0
23		10	1,440	191.89	193.92	2.03	1.1
24		10	2,880	367.89	371.96	4.07	1.1
25		15	1,080	146.36	147.89	1.53	1.0
26		15	2,160	282.87	285.92	3.05	1.1
27		15	4,320	446.73	452.84	6.10	1.4
28		15	6,480	559.16	568.32	9.16	1.6

(1) For customers taking Duke Energy Ohio's Standard Service Offer for generation.

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LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	BILL DATA			
				CURRENT BILL (1)	PROPOSED BILL (1)	DOLLAR INCR/(DECR) (D - C)	PERCENT INCR/(DECR) (E / C)
				(C)	(D)	(E)	(F)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)
1	DP	100	14,400	1,902.17	1,936.55	34.38	1.8
2		100	28,800	2,682.87	2,708.72	25.85	1.0
3		100	43,200	3,438.86	3,456.18	17.33	0.5
4		200	28,800	3,681.03	3,749.79	68.75	1.9
5		200	57,600	5,241.77	5,293.47	51.70	1.0
6		200	86,400	6,753.73	6,788.38	34.65	0.5
7		300	43,200	5,459.56	5,562.69	103.13	1.9
8		300	86,400	7,800.66	7,878.21	77.55	1.0
9		300	129,600	10,068.61	10,120.59	51.98	0.5
10		500	72,000	9,016.62	9,188.49	171.88	1.9
11		500	144,000	12,918.44	13,047.69	129.25	1.0
12		500	216,000	16,698.36	16,784.99	86.63	0.5
13		800	115,200	14,352.20	14,627.20	275.00	1.9
14		800	230,400	20,595.12	20,801.92	206.80	1.0
15		800	345,600	26,642.99	26,781.59	138.60	0.5
16		1000	144,000	17,909.25	18,253.01	343.75	1.9
17		1000	288,000	25,712.91	25,971.41	258.50	1.0
18		1000	432,000	33,272.74	33,446.00	173.26	0.5
19		1500	216,000	26,801.89	27,317.52	515.63	1.9
20		1500	432,000	38,507.37	38,895.12	387.76	1.0
21		1500	648,000	49,847.12	50,107.01	259.88	0.5
22		3000	432,000	53,479.80	54,511.06	1,031.26	1.9
23		3000	864,000	76,874.77	77,650.28	775.51	1.0
24		3000	1,296,000	99,331.50	99,851.27	519.77	0.5

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LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	BILL DATA			
				CURRENT BILL (1)	PROPOSED BILL (1)	DOLLAR INCR/(DECR) (D - C)	PERCENT INCR/(DECR) (E / C)
				(C)	(D)	(E)	(F)
		(KVA)	(KWH)	(\$)	(\$)	(\$)	(%)
1	TS	1,000	200,000	14,448.20	15,317.62	869.42	6.0
2		1,000	400,000	24,852.58	25,601.83	749.25	3.0
3		2,500	500,000	35,804.01	37,977.57	2,173.56	6.1
4		2,500	1,000,000	61,393.32	63,266.44	1,873.12	3.1
5		5,000	1,000,000	70,975.39	75,322.51	4,347.12	6.1
6		5,000	2,000,000	120,645.84	124,392.08	3,746.24	3.1
7		10,000	2,000,000	139,809.97	148,504.21	8,694.24	6.2
8		10,000	4,000,000	239,150.88	246,643.36	7,492.48	3.1
9		10,000	5,000,000	288,046.63	294,938.23	6,891.60	2.4
10		10,000	6,000,000	336,635.69	342,926.41	6,290.72	1.9
11		20,000	4,000,000	277,479.14	294,867.62	17,388.48	6.3
12		20,000	8,000,000	476,160.96	491,145.92	14,984.96	3.1
13		20,000	12,000,000	671,130.58	683,712.02	12,581.44	1.9
14		40,000	16,000,000	950,181.12	980,151.04	29,969.92	3.2
15		40,000	24,000,000	1,340,120.36	1,365,283.24	25,162.88	1.9
16		80,000	32,000,000	1,898,221.44	1,958,161.28	59,939.84	3.2
17		80,000	48,000,000	2,678,099.92	2,728,425.68	50,325.76	1.9
18		160,000	64,000,000	3,794,302.08	3,914,181.76	119,879.68	3.2
19		160,000	96,000,000	5,354,059.04	5,454,710.56	100,651.52	1.9

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LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	BILL DATA			
				CURRENT BILL (1) (C)	PROPOSED BILL (1) (D)	DOLLAR INCR/(DECR) (D - C) (E)	PERCENT INCR/(DECR) (E / C) (F)
GSFL							
1	> 540hrs	NA	50	9.73	9.75	0.02	0.2
2		NA	100	14.40	14.44	0.04	0.3
3		NA	150	19.07	19.13	0.07	0.4
4		NA	200	23.74	23.83	0.09	0.4
5		NA	250	28.41	28.52	0.11	0.4
6		NA	300	33.07	33.21	0.13	0.4
7		NA	350	37.74	37.90	0.16	0.4
8		NA	400	42.41	42.59	0.18	0.4
9	< 540hrs	NA	50	10.00	10.02	0.02	0.2
10		NA	100	14.94	14.98	0.04	0.3
11		NA	150	19.88	19.95	0.07	0.3
12		NA	200	24.82	24.91	0.09	0.4
13		NA	250	29.76	29.87	0.11	0.4
14		NA	300	34.70	34.83	0.13	0.4
15		NA	350	39.64	39.79	0.16	0.4
16		NA	400	44.58	44.76	0.18	0.4
SFL							
17		NA	1	5.15	5.15	0.00	0.0
18		NA	5	5.53	5.53	0.00	0.0
19		NA	10	5.99	6.00	0.00	0.1

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LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	BILL DATA			
				CURRENT BILL (1)	PROPOSED BILL (1)	DOLLAR INCR/(DECR) (D - C)	PERCENT INCR/(DECR) (E / C)
				(C)	(D)	(E)	(F)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)
	UOLS						
1		NA	300	18.42	18.25	(0.17)	(0.9)
2		NA	400	24.44	24.21	(0.23)	(0.9)
3		NA	500	30.46	30.18	(0.28)	(0.9)
4		NA	800	48.53	48.08	(0.45)	(0.9)
5		NA	1,000	60.57	60.01	(0.57)	(0.9)
6		NA	1,500	90.69	89.84	(0.85)	(0.9)
7		NA	2,000	120.80	119.66	(1.13)	(0.9)
8		NA	2,500	150.68	149.26	(1.42)	(0.9)
9		NA	3,000	180.56	178.86	(1.70)	(0.9)
10		NA	3,500	210.44	208.46	(1.98)	(0.9)
11		NA	4,000	240.33	238.06	(2.27)	(0.9)

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**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**7/15/2020 4:03:03 PM**

**in**

**Case No(s). 20-1151-EL-RDR**

Summary: Application Application of Duke Energy Ohio, Inc. to Adjust and Set the Rates for Rider BTR electronically filed by Dianne Kuhnell on behalf of Duke Energy Ohio, Inc. and Rocco D'Ascenzo and Vaysman, Larisa M.