

**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. 22-617-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 Brown, Butler, Clermont, Clinton, Hamilton, Highland, Montgomery, Preble, 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 implement a base

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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).

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 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

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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, p. 35 (December 19, 2018).

revenue requirement by the respective kWh sales. The rate to be recovered from DS, DP, 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 costs 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 October 3, 2022.

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, Duke, 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).

**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 (effective through 12/31/2020). Non-zone network service peak load contributions are coincident with the PJM Region peak.

**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.6, (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.

**PJM Settlement Charge**

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

This charge funds the administration of the PJM Settlement, Inc. who acts as the contractual counterparty to PJM market transactions and performs the billing collection and credit management services for PJM members. PJM transitioned from a stated rate to a formula rate mechanism on January 1, 2022. All amounts held in reserve as of December 31, 2021 were refunded within the first calendar quarter of 2022. Monthly formula rate is charged to each customer account receiving an invoice from PJM Settlement on a per-invoice basis. Details of this charge can be found in the PJM Tariff, Schedule 9 PJM Settlement, Inc. Administrative Services, Sections (a) – (c).

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

The cost of operating PJM Settlement, including principal and/or depreciation expense, interest expense and financing costs, if any, shall be recovered from users of the PJM Settlement Services pursuant to the PJM Settlement Rate set forth in the Schedule 9-PJM Settlement.

**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. 22-617-EL-RDR before the Public Utilities Commission of Ohio.

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Issued:

Effective: October 3, 2022

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	\$0.013875
Rate ORH, Optional Residential Service With Electric Space Heating All kWh	\$0.013875
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering All kWh	\$0.013875
Rate TD, Optional Time-of-Day Rate All kWh	\$0.013875
Rate CUR, Common Use Residential Rate All kWh	\$0.013875
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering All kWh	\$0.013875
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering All kWh	\$0.013875

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 22-617-EL-RDR before the Public Utilities Commission of Ohio.

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Issued:

Effective: October 3, 2022

Issued by Amy B. Spiller, President

BTR Charge Tariff Sheet

BTR Charge  
(per kWh/kW)

Rate DS, Service at Secondary Distribution Voltage All kW	\$3.449600
Rate GS-FL, Optional Unmetered For Small Fixed Loads All kWh	\$0.010864
Rate EH, Optional Rate For Electric Space Heating All kWh	\$0.000165
Rate DM, Secondary Distribution Service, Small All kWh	\$0.011946
Rate DP, Service at Primary Distribution Voltage All kW	\$3.212200
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines All kWh	\$0.010864
Rate TS, Service at Transmission Voltage All kVA	\$2.925800
Rate SL, Street Lighting Service All kWh	\$0.000165
Rate TL, Traffic Lighting Service All kWh	\$0.000165
Rate OL, Outdoor Lighting Service All kWh	\$0.000165
Rate NSU, Street Lighting Service for Non-Standard Units All kWh	\$0.000165
Rate NSP, Private Outdoor Lighting for Non-Standard Units All kWh	\$0.000165
Rate SC, Street Lighting Service - Customer Owned All kWh	\$0.000165
Rate SE, Street Lighting Service - Overhead Equivalent All kWh	\$0.000165
Rate UOLS, Unmetered Outdoor Lighting Electric Service All kWh	\$0.000165
Rate LED, LED Outdoor Electric Lighting Service All kWh	\$0.000165

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 22-617-EL-RDR before the Public Utilities Commission of Ohio.

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Issued:

Effective: October 3, 2022

Issued by Amy B. Spiller, President

RTEP Credit

Tariff Sheet

RTEP Credit

	(per kWh)
Rate RS, RSLI, RS3P, Residential Service	\$0.000607
Rate ORH, Optional Residential Service With Electric Space Heating	\$0.000607
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering	\$0.000607
Rate TD, Optional Time-of-Day Rate	\$0.000607
Rate CUR, Common Use Residential Rate	\$0.000607
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering	\$0.000607
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering	\$0.000607
Rate DS, Service at Secondary Distribution Voltage	\$0.000417
Rate EH, Optional Rate For Electric Space Heating	\$0.000417
Rate DM, Secondary Distribution Service, Small	\$0.000417
Rate DP, Service at Primary Distribution Voltage	\$0.000417
Rate GS-FL, Optional Unmetered For Small Fixed Loads	\$0.000417
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	\$0.000417
Rate TS, Service at Transmission Voltage	\$0.000417
Rate SL, Street Lighting Service	\$0.000417
Rate TL, Traffic Lighting Service	\$0.000417
Rate OL, Outdoor Lighting Service	\$0.000417
Rate NSU, Street Lighting Service for Non-Standard Units	\$0.000417
Rate NSP, Private Outdoor Lighting for Non-Standard Units	\$0.000417
Rate SC, Street Lighting Service - Customer Owned	\$0.000417
Rate SE, Street Lighting Service - Overhead Equivalent	\$0.000417
Rate UOLS, Unmetered Outdoor Lighting Electric Service	\$0.000417
Rate LED, LED Outdoor Electric Lighting Service	\$0.000417

Filed pursuant to an Order dated \_\_\_\_\_ in Case No. 22-617-EL-RDR before the Public Utilities Commission of Ohio.

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Issued:

Effective: October 3, 2022

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 23, 2021 \_\_\_\_\_ in Case No. 21-71322-617-EL-RDR before the Public Utilities Commission of Ohio.

Issued: ~~September 24, 2021~~  
2021 October 3, 2022

Effective: ~~September 30,~~

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. 89.119  
Cancels and Supersedes  
Sheet No. 89.1009  
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	\$0.012173013875
Rate ORH, Optional Residential Service With Electric Space Heating All kWh	\$0.012173013875
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering All kWh	\$0.012173013875
Rate TD, Optional Time-of-Day Rate All kWh	\$0.012173013875
Rate CUR, Common Use Residential Rate All kWh	\$0.012173013875
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering All kWh	\$0.012173013875
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering All kWh	\$0.012173013875

Filed pursuant to an Order dated September 23, 2021 \_\_\_\_\_ in Case No. 21-71322-617-EL-RDR before the  
Public Utilities Commission of Ohio.

Issued: ~~September 24, 2021~~  
2021 October 3, 2022

Effective: ~~September 30,~~

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. 89.119  
Cancels and Supersedes  
Sheet No. 89.1009  
Page 3 of 4

BTR Charge Tariff Sheet

BTR Charge  
(per kWh/kW)

Rate DS, Service at Secondary Distribution Voltage All kW	\$2.9062003.449600
Rate GS-FL, Optional Unmetered For Small Fixed Loads All kWh	\$0.008917010864
Rate EH, Optional Rate For Electric Space Heating All kWh	\$0.000181000165
Rate DM, Secondary Distribution Service, Small All kWh	\$0.010093011946
Rate DP, Service at Primary Distribution Voltage All kW	\$2.7491003.212200
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines All kWh	\$0.008917010864
Rate TS, Service at Transmission Voltage All kVA	\$2.2861002.925800
Rate SL, Street Lighting Service All kWh	\$0.000182000165
Rate TL, Traffic Lighting Service All kWh	\$0.000182000165
Rate OL, Outdoor Lighting Service All kWh	\$0.000182000165
Rate NSU, Street Lighting Service for Non-Standard Units All kWh	\$0.000182000165
Rate NSP, Private Outdoor Lighting for Non-Standard Units All kWh	\$0.000182000165
Rate SC, Street Lighting Service - Customer Owned All kWh	\$0.000182000165
Rate SE, Street Lighting Service - Overhead Equivalent All kWh	\$0.000182000165
Rate UOLS, Unmetered Outdoor Lighting Electric Service All kWh	\$0.000182000165
Rate LED, LED Outdoor Electric Lighting Service All kWh	\$0.000182000165

Filed pursuant to an Order dated September 23, 2021 \_\_\_\_\_ in Case No. 21-71322-617-EL-RDR before the  
Public Utilities Commission of Ohio.

Issued: ~~September 24, 2021~~  
2024 October 3, 2022

Effective: ~~September 30,~~

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. 89.110  
Cancels and Supersedes  
Sheet No. 89.1009  
Page 4 of 4

RTEP Credit

Tariff Sheet

RTEP Credit  
(per kWh)

Rate RS, RSLI, RS3P, Residential Service	\$0.000793000607
Rate ORH, Optional Residential Service With Electric Space Heating	\$0.000793000607
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering	\$0.000793000607
Rate TD, Optional Time-of-Day Rate	\$0.000793000607
Rate CUR, Common Use Residential Rate	\$0.000793000607
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering	\$0.000793000607
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering	\$0.000793000607
Rate DS, Service at Secondary Distribution Voltage	\$0.000559000417
Rate EH, Optional Rate For Electric Space Heating	\$0.000559000417
Rate DM, Secondary Distribution Service, Small	\$0.000559000417
Rate DP, Service at Primary Distribution Voltage	\$0.000559000417
Rate GS-FL, Optional Unmetered For Small Fixed Loads	\$0.000559000417
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	\$0.000559000417
Rate TS, Service at Transmission Voltage	\$0.000559000417
Rate SL, Street Lighting Service	\$0.000559000417
Rate TL, Traffic Lighting Service	\$0.000559000417
Rate OL, Outdoor Lighting Service	\$0.000559000417
Rate NSU, Street Lighting Service for Non-Standard Units	\$0.000559000417
Rate NSP, Private Outdoor Lighting for Non-Standard Units	\$0.000559000417
Rate SC, Street Lighting Service - Customer Owned	\$0.000559000417
Rate SE, Street Lighting Service - Overhead Equivalent	\$0.000559000417
Rate UOLS, Unmetered Outdoor Lighting Electric Service	\$0.000559000417
Rate LED, LED Outdoor Electric Lighting Service	\$0.000559000417

Filed pursuant to an Order dated ~~September 23, 2021~~ in Case No. 21-71322-617-EL-RDR before the  
Public Utilities Commission of Ohio.

Issued: ~~September 24, 2021~~  
2021 October 3, 2022

Effective: ~~September 30,~~

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 2022 through September 2023

Case No. 22-617-EL-RDR  
Schedule B-1  
Page 1 of 1

Line	Description	Costs 10/1/2022 - 9/30/2023	Note	Allocation Basis
	<b>Costs Included in Rider BTR</b>			
1	Network Integrated Transmission Services (NITS)	\$ 162,009,948	(1)	Demand
2	Schedule 1A - Transmission Owner Scheduling and System Control and Dispatch	\$ 3,270,088	(4)	Energy
3	Schedule 2 - Reactive Supply and Voltage Control from Generation and Other Sources	9,009,060	(2)	Demand
4	Schedule 1A - Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	698	(3)	Energy
5	Schedule 12 - Regional Transmission Expansion Planning (RTEP)	10,422,081	(2)	Demand
6	Schedule 12 - RTEP - Order 494	(1,274,520)	(5)	Demand
7	Midwest Transmission Expansion Planning (MTEP)	4,170,672	(2)	Demand
8	Day-Ahead Load Response Charge Allocation	26,198	(3)	Demand
9	Real-Time Load Response Charge Allocation	8,309	(3)	Demand
10	Generation Deactivation Refund	-	(3)	Demand
11	PJM Customer Payment Default	724	(3)	Demand
12	Non-Firm Point-to-Point (Billing Line 2140)	(202,735)	(3)	Demand
13	<b>Total Costs Recoverable in Rider BTR</b>	<u>\$ 187,440,523</u>		
14	RTEP Credit	<u>\$ (9,147,561)</u>		
15	<b>Total Net Costs Recoverable in Rider BTR</b>	<u>\$ 178,292,962</u>		

- Notes: (1) Projection based on Attachment H-22A filed with FERC on May 16, 2022. In addition, the months of June through September 2023 include an increase of 7.35% for the projected increase in the NITS rate effective in June.
- (2) Projection based on annualization of actual amount per PJM invoice for May 2022.
- (3) Annualized invoice charges supplied by PJM for the period June 2021 through May 2022.
- (4) Annualized invoice charges supplied by PJM for the period June 2021 through May 2022, decreased by 7.12% based on the Schedule 1A rate per the Attachment H-22A filing in May 2022.
- (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 2022 through September 2023

Case No. 22-617-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
		\$/kW-month (b)	\$/kWh <sup>(3)</sup> (c)	\$/kW-month (d)	\$/kWh <sup>(3)</sup> (e)	kW (f)	kWh (g)	\$ (h)	\$ (i)	\$ (j)	(k)
1	Residential (RS, TD, ORH)		0.013268		0.011380		7,593,503,124	\$ 100,750,599.45	\$ 86,414,065.55	\$ 14,336,533.90	16.59%
2	Secondary Distribution (DS)	3.449600	(0.000417)	2.906200	(0.000559)	18,012,551	6,089,505,630	59,596,772.08	48,944,042.07	10,652,730.01	21.77%
3	Electric Space Heating (EH)		(0.000252)		(0.000378)		64,418,050	(16,233.35)	(24,350.02)	8,116.67	33.33%
4	Secondary Distribution Service Small (DM)		0.011529		0.009534		676,941,271	7,804,455.91	6,453,958.08	1,350,497.83	20.93%
5	Unmetered Small Fixed Loads (GSFL, ADPL)		0.010447		0.008358		29,017,957	303,150.60	242,532.08	60,618.52	24.99%
6	Primary Distribution Voltage (DP)	3.212200	(0.000417)	2.749100	(0.000559)	4,428,967	2,010,049,460	13,388,537.17	11,052,055.53	2,336,481.64	21.14%
7	Transmission Voltage (TS)	2.925800	(0.000417)	2.286100	(0.000559)	6,395,994	3,234,691,351	17,364,532.95	12,813,689.42	4,550,843.53	35.52%
8	Lighting		(0.000252)		(0.000377)		109,296,460	(27,542.71)	(41,204.77)	13,662.06	33.16%
9	Total							<u>\$ 199,164,272.10</u>	<u>\$ 165,854,787.94</u>	<u>\$ 33,309,484.16</u>	

Notes: (1) Demand and energy based on actual data for the 12 months ended 5/31/2022. 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 for the 12 months ended 5/31/2022.  
(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 2022 through September 2023

Case No. 22-617-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)		0.013268		0.011380		0.001888		16.59%
2	Secondary Distribution (DS)	3.449600	(0.000417)	2.906200	(0.000559)	0.5434	0.000142	18.70%	25.40%
3	Electric Space Heating (EH)		(0.000252)		(0.000378)		0.000126		33.33%
4	Secondary Distribution Service Small (DM)		0.011529		0.009534		0.001995		20.93%
5	Unmetered Small Fixed Loads (GSFL, ADPL)		0.010447		0.008358		0.002089		24.99%
6	Primary Distribution Voltage (DP)	3.212200	(0.000417)	2.749100	(0.000559)	0.4631	0.000142	16.85%	25.40%
7	Transmission Voltage (TS)	2.925800	(0.000417)	2.286100	(0.000559)	0.6397	0.000142	27.98%	25.40%
8	Lighting		(0.000252)		(0.000377)		0.000125		33.16%
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 (n)
		Oct 2022 (b)	Nov 2022 (c)	Dec 2022 (d)	Jan 2023 (e)	Feb 2023 (f)	Mar 2023 (g)	Apr 2023 (h)	May 2023 (i)	Jun 2023 (j)	Jul 2023 (k)	Aug 2023 (l)	Sep 2023 (m)	
1	Network Integrated Transmission Services (NITS)	\$ 13,429,817	\$12,996,597	\$13,429,817	\$13,429,817	\$12,130,157	\$13,429,817	\$12,996,597	\$13,429,817	\$ 13,951,847	\$14,416,909	\$14,416,909	\$13,951,847	\$162,009,948
2	Schedule 1A - Transmission Owner Scheduling and System Control and Dispatch	\$ 284,504	\$ 275,327	\$ 284,504	\$ 284,504	\$ 256,972	\$ 284,504	\$ 275,327	\$ 284,504	\$ 255,724	\$ 264,247	\$ 264,247	\$ 255,724	\$3,270,088
3	Schedule 2 - Reactive Supply and Voltage Control from Generation and Other Sources	750,755	750,755	750,755	750,755	750,755	750,755	750,755	750,755	750,755	750,755	750,755	750,755	\$9,009,060
4	Schedule 1A - Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	58	58	58	58	58	58	58	58	58	58	58	60	\$698
5	Schedule 12 - Regional Transmission Expansion Planning (RTEP)	868,507	868,507	868,507	868,507	868,507	868,507	868,507	868,507	868,507	868,507	868,507	868,507	\$10,422,081
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)	347,556	347,556	347,556	347,556	347,556	347,556	347,556	347,556	347,556	347,556	347,556	347,556	\$4,170,672
8	Day-Ahead Load Response Charge Allocation	2,183	2,183	2,183	2,183	2,183	2,183	2,183	2,183	2,183	2,183	2,183	2,185	\$26,198
9	Real-Time Load Response Charge Allocation	692	692	692	692	692	692	692	692	692	692	692	697	\$8,309
10	Generation Deactivation Refund	-	-	-	-	-	-	-	-	-	-	-	-	\$0
11	PJM Customer Payment Default	60	60	60	60	60	60	60	60	60	60	60	64	\$724
12	Non-Firm Point-to-Point (Billing Line 2140)	(16,895)	(16,895)	(16,895)	(16,895)	(16,895)	(16,895)	(16,895)	(16,895)	(16,895)	(16,895)	(16,895)	(16,890)	(\$202,735)
13	Miscellaneous Other Includable Charges (e.g., PUCO Consultant Fees)	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Total	\$15,561,027	\$15,118,630	\$15,561,027	\$15,561,027	\$14,233,835	\$15,561,027	\$15,118,630	\$15,561,027	\$16,054,277	\$16,527,862	\$16,527,862	\$16,054,295	\$187,440,523

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

		Costs												Total for Period (n)
Line	Rate Schedule	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sep 2023	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	
1	Residential (RS, TD, ORH)	\$7,875,991	\$7,875,991	\$7,875,991	\$7,875,991	\$7,875,991	\$7,875,991	\$7,875,991	\$7,875,991	\$7,875,991	\$7,875,991	\$7,875,991	\$7,875,986	\$94,511,887
2	Secondary Distribution (DS)	4,647,063	4,647,063	4,647,063	4,647,063	4,647,063	4,647,063	4,647,063	4,647,063	4,647,063	4,647,063	4,647,063	4,647,065	\$55,764,758
3	Electric Space Heating (EH)	886	886	886	886	886	886	886	886	886	886	886	884	\$10,630
4	Secondary Distribution Service Small (DM)	604,645	604,645	604,645	604,645	604,645	604,645	604,645	604,645	604,645	604,645	604,645	604,644	\$7,255,739
5	Unmetered Small Fixed Loads (GSFL, ADPL)	23,575	23,575	23,575	23,575	23,575	23,575	23,575	23,575	23,575	23,575	23,575	23,579	\$282,904
6	Primary Distribution Voltage (DP)	1,064,843	1,064,843	1,064,843	1,064,843	1,064,843	1,064,843	1,064,843	1,064,843	1,064,843	1,064,843	1,064,843	1,064,837	\$12,778,110
7	Transmission Voltage (TS)	1,401,537	1,401,537	1,401,537	1,401,537	1,401,537	1,401,537	1,401,537	1,401,537	1,401,537	1,401,537	1,401,537	1,401,533	\$16,818,440
8	Lighting	1,505	1,505	1,505	1,505	1,505	1,505	1,505	1,505	1,505	1,505	1,505	\$1,500	\$18,055
9	Total Costs	\$15,620,045	\$15,620,045	\$15,620,045	\$15,620,045	\$15,620,045	\$15,620,045	\$15,620,045	\$15,620,045	\$15,620,045	\$15,620,045	\$15,620,045	\$15,620,028	\$187,440,523

**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 2022 through September 2023

Case No. 22-617-EL-RDR  
Schedule C-3  
Page 1 of 1

Line	Rate Classification	Coincident Peak Demand Allocation		Total Energy Allocation		Allocated Rev Req <sup>(4)</sup>	Allocated Rev Req <sup>(4)</sup>	Total Projected Allocated Rev Req	Allocated Under(Over) Recovery <sup>(5)</sup>	Allocated Carrying Charges <sup>(6)</sup>	Total Allocated Rev Req	Billing Determinants <sup>(2)</sup>		Calculated Rate		Rate Including CAT <sup>(3)</sup>	
		1 CP (kW) <sup>(1)</sup>	%	Sales (kWh) <sup>(2)</sup>	%	Demand	Energy					Demand	Energy	\$/kW-mo	\$/kWh	\$/kW-mo	\$/kWh
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)
1	Residential (RS, TD, ORH)	2,685,317	50.637%	7,593,503,124	38.335%	\$93,258,030	\$1,253,857	\$94,511,887	\$10,108,882	\$465,746	\$105,086,515		7,593,503,124		0.013839		0.013875
2	Secondary Distribution (DS)	1,576,735	29.733%	6,089,505,630	30.744%	\$54,759,188	\$1,005,570	\$55,764,758	\$5,935,728	\$273,477	\$61,973,963	18,012,551		3.440600		3.449600	
3	Electric Space Heating (EH)	-	0.000%	64,418,050	0.325%	\$0	\$10,630	\$10,630	\$0	\$0	\$10,630		64,418,050		0.000165		0.000165
4	Secondary Distribution Service Small (DM)	205,714	3.879%	676,941,271	3.418%	\$7,143,944	\$111,795	\$7,255,739	\$774,382	\$35,678	\$8,065,799		676,941,271		0.011915		0.011946
5	Unmetered Small Fixed Loads (GSFL, ADPL)	7,991	0.151%	29,017,957	0.147%	\$278,096	\$4,808	\$282,904	\$30,145	\$1,389	\$314,438		29,017,957		0.010836		0.010864
6	Primary Distribution Voltage (DP)	358,365	6.758%	2,010,049,460	10.148%	\$12,446,191	\$331,919	\$12,778,110	\$1,349,129	\$62,158	\$14,189,397	4,428,967		3.203800		3.212200	
7	Transmission Voltage (TS)	468,878	8.842%	3,234,691,351	16.331%	\$16,284,288	\$534,152	\$16,818,440	\$1,765,167	\$81,327	\$18,664,934	6,395,994		2.918200		2.925800	
8	Lighting	-	0.000%	109,296,460	0.552%	\$0	\$18,055	\$18,055	\$0	\$0	\$18,055		109,296,460		0.000165		0.000165
9	Total	5,303,000	100.000%	19,807,423,303	100.000%	\$184,169,737	\$3,270,786	\$187,440,523	\$19,963,433	919,775	\$208,323,731						

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, 2021 kWh and Load Research data.

(2) Energy based on actual data for the 12 months ended 5/31/2022. Demand based on actual data for the 12 months ended 5/31/2022.

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

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

(4) 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, Generation Deactivation Refund, PJM Customer Payment Default, and Non-Firm Point-to-Point. Energy allocated revenue requirement includes Schedule 1A.

(5) Source: Schedule D-3, Page 2, Line 7.

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

Duke Energy Ohio, Inc.

Base Transmission Rider

Projected Transmission Cost Recovery Rider Rate Calculations

RTEP Credit Rate Calculations<sup>(4)</sup>

For the Period October 2022 through September 2023

Case No. 22-617-EL-RDR

Schedule C-3a

Page 1 of 1

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>(5)</sup> (i)	Rate Including CAT <sup>(3)</sup> \$/kWh (j)
1	Residential (RS, TD, ORH)	2,004,004	47.452%	\$4,340,700	\$7,672	\$244,522	\$4,592,894	7,593,503,124	(0.000605)	(0.000607)
2	Non-Residential:									
3	Secondary Distribution (DS)	1,296,336	30.695%	\$2,807,844	\$4,962	\$158,173	\$2,970,979	6,089,505,630		(0.000417)
4	Electric Space Heating (EH)	15,809	0.374%	\$34,212	\$60	\$1,927	\$36,199	64,418,050		(0.000417)
5	Secondary Distribution Service Small (DM)	160,689	3.805%	\$348,065	\$615	\$19,607	\$368,287	676,941,271		(0.000417)
6	Unmetered Small Fixed Loads (GSFL, ADPL)	7,270	0.172%	\$15,734	\$28	\$886	\$16,648	29,017,957		(0.000417)
7	Primary Distribution Voltage (DP)	298,208	7.061%	\$645,909	\$1,142	\$36,386	\$683,437	2,010,049,460		(0.000417)
8	Transmission Voltage (TS)	438,745	10.389%	\$950,340	\$1,680	\$53,535	\$1,005,555	3,234,691,351		(0.000417)
9	Lighting	2,189	0.052%	\$4,757	\$8	\$268	\$5,033	109,296,460		(0.000417)
10	Sub-Total Non-Residential	2,219,246	52.548%	\$4,806,861	\$8,495	\$270,782	\$5,086,138	12,213,920,179	(0.000416)	(0.000417)
11	Total Duke Energy Ohio	4,223,250	100.000%	\$9,147,561	\$16,167	515,304	\$9,679,032	19,807,423,303		

Notes: (1) 12 CP is based on 12 months ended December 31, 2021 kWh and Load Research data.

(2) Energy based on actual data for the 12 months ended 5/31/2022. Includes all energy on Duke Energy Ohio's system.

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

(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 \$90,279,332. 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, Lines 5 & 6.

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

Line	Scheduled Transmission Charges	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22
1	Network Integration Transmission Services (NITS)	\$ 11,314,176.97	\$ 11,691,316.87	\$ 11,691,317.14	\$ 11,314,178.05	\$ 11,691,316.75	\$ 11,314,176.86	\$ 11,691,316.07	\$ 12,516,733.16	\$ 11,305,436.93	\$ 12,516,734.33	\$ 12,112,968.23	\$ 12,516,732.42
2	Schedule 1A - Transmission Owner Scheduling and System Control and Dispatch	338,208.63	366,904.78	380,283.99	308,852.78	284,986.76	285,254.02	299,476.34	352,100.03	302,570.35	290,384.54	268,551.61	118,565.58
3	Schedule 2 - Reactive Supply and Voltage Control from Generation and Other Sources	623,112.41	620,527.39	807,215.56	798,542.66	799,523.22	804,751.82	785,294.96	784,370.60	787,081.19	795,601.41	707,315.21	695,727.95
4	Schedule 1A - Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	298.35	336.01	535.18	276.84	(367.78)	449.37	389.02	443.28	337.24	189.76	(109.84)	(2,025.74)
5	Schedule 12 - Regional Transmission Expansion Planning (RTEP)	897,665.19	897,665.21	897,664.72	897,664.46	897,664.92	897,665.09	842,167.41	868,787.15	868,620.15	868,703.00	868,703.08	866,354.03
6	Schedule 12 - RTEP - Order 494	(106,590.21)	(106,590.18)	(106,590.21)	(106,590.16)	(106,590.18)	(106,590.17)	(106,590.16)	(107,002.87)	(107,002.89)	(107,002.83)	(107,002.88)	(107,002.86)
7	Midwest Transmission Expansion Planning (MTEP)	348,187.71	348,187.69	348,187.69	348,187.72	348,187.73	348,187.66	348,187.72	347,556.43	347,556.48	347,556.50	347,556.50	347,556.47
8	Day-Ahead Load Response Charge Allocation	49.47	445.77	1,195.51	6,639.07	3,001.05	1,885.60	3,272.38	919.41	830.16	6,222.95	1,200.00	536.56
9	Real-Time Load Response Charge Allocation	137.21	1,605.69	681.80	2,467.61	1,689.16	(35.20)	205.14	(509.53)	(62.50)	(656.51)	1,938.13	848.47
10	Generation Deactivation Refund	-	-	-	-	-	-	-	-	-	-	-	-
11	PJM Customer Payment Default	723.50	-	-	-	-	-	-	-	-	-	-	-
12	Non-Firm Point-to-Point (Billing Line 2140)	(14,773.04)	(13,097.38)	(13,798.34)	(15,519.74)	(14,099.14)	(11,515.22)	(20,755.40)	(29,976.33)	(26,566.42)	(20,419.65)	(9,815.19)	(12,399.64)
13	Miscellaneous Bilateral	-	-	-	-	-	-	-	-	-	-	-	-
14	PJM Settlement Charge (BL1 1313)	-	-	-	-	-	-	-	405.72	397.73	444.86	382.68	438.10
15	Sub Total Transmission Charges	\$13,401,196.19	\$13,807,301.85	\$14,006,693.04	\$13,554,699.29	\$13,905,312.49	\$13,534,229.83	\$13,842,963.48	\$14,733,827.05	\$13,479,198.42	\$ 14,697,758.36	\$14,191,687.53	\$14,425,331.34
16	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	N/A	N/A	N/A
17	Total Transmission Charges	\$13,401,196.19	\$13,807,301.85	\$14,006,693.04	\$13,554,699.29	\$13,905,312.49	\$13,534,229.83	\$13,842,963.48	\$14,733,827.05	\$13,479,198.42	\$14,697,758.36	\$14,191,687.53	\$14,425,331.34

PJM Line #
1100
1320
1330
1450
1108
1115
1109A
1242
1243
1930
1999
2140
1313

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

Line	Description	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22
<b>Rate Schedule</b>													
1	Secondary Distribution Service Small (DM)	\$532,283.21	\$552,754.35	\$603,576.38	\$583,059.76	\$482,347.08	\$459,565.32	\$517,161.24	\$586,685.78	\$516,108.38	\$495,967.77	\$647,923.33	\$449,899.46
2	Primary Distribution Voltage (DP)	766,837.52	807,845.79	897,942.72	805,636.64	919,133.71	802,243.03	819,455.38	1,111,507.62	675,191.21	1,113,773.77	392,503.61	885,363.38
3	Secondary Distribution (DS)	4,175,674.60	3,869,925.93	4,189,508.84	4,019,147.84	3,898,874.62	3,953,810.26	3,727,718.61	3,979,271.22	3,517,010.44	4,035,199.34	3,646,073.63	4,072,369.25
4	Electric Space Heating (EH)	(82.01)	(9,663.34)	(6.73)	(4.86)	(2,259.65)	(2,541.31)	(3,202.57)	(3,888.44)	(3,821.66)	(3,179.52)	(186.13)	(161.10)
5	Unmetered Small Fixed Loads (GSFL, ADPL)	20,447.67	18,363.86	19,823.39	18,788.86	20,270.30	20,938.43	19,896.81	21,159.87	19,229.44	20,443.13	9,861.96	12,281.24
6	Lighting	(3,421.79)	(2,769.50)	(3,515.91)	(2,733.26)	(3,270.08)	(3,525.56)	(3,395.86)	(3,594.01)	(3,106.95)	(3,263.57)	(1,154.52)	(175.93)
7	Residential (RS, TD, ORH)	6,360,909.02	7,132,929.41	7,714,324.45	7,237,164.63	5,924,673.93	5,657,125.44	7,149,867.31	8,744,781.07	7,753,359.89	6,672,962.73	8,532,936.20	4,788,242.08
8	Transmission Voltage (TS)	493,083.86	1,620,479.01	851,953.19	1,553,683.13	1,029,240.54	972,604.49	1,016,623.87	958,000.59	745,395.66	1,491,920.97	100,823.79	928,667.86
9	<b>Total Revenue</b>	<b>\$12,345,732.08</b>	<b>\$13,989,865.51</b>	<b>\$14,273,606.33</b>	<b>\$14,214,742.74</b>	<b>\$12,269,010.45</b>	<b>\$11,860,220.10</b>	<b>\$13,244,124.79</b>	<b>\$15,393,923.70</b>	<b>\$13,219,366.41</b>	<b>\$13,823,824.62</b>	<b>\$13,328,781.87</b>	<b>\$11,136,486.24</b>
10	BTR Revenues	<u>\$13,457,106.29</u>	<u>\$15,304,055.52</u>	<u>\$15,537,933.28</u>	<u>\$15,372,219.93</u>	<u>\$13,233,213.93</u>	<u>\$12,812,714.90</u>	<u>\$14,276,802.16</u>	<u>\$16,597,280.41</u>	<u>\$14,209,285.77</u>	<u>\$14,830,958.43</u>	<u>\$14,271,620.51</u>	<u>\$11,439,822.38</u>
11	CAT Tax @ 0.26%	(\$34,897.74)	(\$39,687.36)	(\$40,293.86)	(\$39,864.13)	(\$34,317.13)	(\$33,226.67)	(\$37,023.42)	(\$43,041.02)	(\$36,848.34)	(\$38,460.49)	(\$37,009.99)	(\$29,666.41)
12	BTR Revenue excluding CAT Tax	<u>\$13,422,208.55</u>	<u>\$15,264,368.16</u>	<u>\$15,497,639.42</u>	<u>\$15,332,355.80</u>	<u>\$13,198,896.80</u>	<u>\$12,779,488.23</u>	<u>\$14,239,778.74</u>	<u>\$16,554,239.39</u>	<u>\$14,172,437.43</u>	<u>\$14,792,497.94</u>	<u>\$14,234,610.52</u>	<u>\$11,410,155.97</u>
13	RTEP Credit	<u>(\$1,111,374.21)</u>	<u>(\$1,314,190.01)</u>	<u>(\$1,264,326.95)</u>	<u>(\$1,157,477.19)</u>	<u>(\$964,203.48)</u>	<u>(\$952,494.80)</u>	<u>(\$1,032,677.37)</u>	<u>(\$1,203,356.71)</u>	<u>(\$989,919.36)</u>	<u>(\$1,007,133.81)</u>	<u>(\$942,838.64)</u>	<u>(\$303,336.14)</u>
14	CAT Tax @ 0.26%	\$2,882.08	\$3,408.03	\$3,278.73	\$3,001.64	\$2,500.43	\$2,470.06	\$2,678.00	\$3,120.61	\$2,567.12	\$2,611.76	\$2,445.02	\$786.63
15	RTEP Credit excluding CAT Tax	<u>(\$1,108,492.13)</u>	<u>(\$1,310,781.98)</u>	<u>(\$1,261,048.22)</u>	<u>(\$1,154,475.55)</u>	<u>(\$961,703.05)</u>	<u>(\$950,024.74)</u>	<u>(\$1,029,999.37)</u>	<u>(\$1,200,236.10)</u>	<u>(\$987,352.24)</u>	<u>(\$1,004,522.05)</u>	<u>(\$940,393.62)</u>	<u>(\$302,549.51)</u>

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

Line	Description	Reference	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Total
<b>BTR Reconciliation</b>															
1	Transmission Charges	Sch D-1, Line 13	\$13,401,196.19	\$13,807,301.85	\$14,006,693.04	\$13,554,699.29	\$13,905,312.49	\$13,534,229.83	\$13,842,963.48	\$14,733,827.05	\$13,479,198.42	\$14,697,758.36	\$14,191,687.53	\$14,425,331.34	\$167,580,198.87
2	Revenue Collected in BTR	Sch D-2, Line 12	13,422,208.55	15,264,368.16	15,497,639.42	15,332,355.80	13,198,896.80	12,779,488.23	14,239,778.74	16,554,239.39	14,172,437.43	14,792,497.94	14,234,610.52	11,410,155.97	170,898,676.95
3	Current Month Over- (Under-) Collection		\$21,012.36	\$1,457,066.31	\$1,490,946.38	\$1,777,656.51	(\$706,415.69)	(\$754,741.60)	\$396,815.26	\$1,820,412.34	\$693,239.01	\$94,739.58	\$42,922.99	(\$3,015,175.37)	\$3,318,478.08
4	Prior Period Over (Under) Collection <sup>(1)</sup>		(929,284.67)	(929,284.67)	(929,284.67)	(929,284.67)	(913,844.75)	(913,844.75)	(913,844.75)	(913,844.75)	(913,844.75)	(913,844.75)	(913,844.75)	(913,844.75)	(11,027,896.68)
5	Carrying Charges from prior period <sup>(2)</sup>		(27,759.83)	(27,759.83)	(27,759.83)	(27,759.83)	(79,192.83)	(79,192.83)	(79,192.83)	(79,192.83)	(79,192.83)	(79,192.83)	(79,192.83)	(79,192.83)	(744,581.96)
6	Over- (Under-) Collection from prior filing		-	-	-	-	-	-	-	-	-	-	-	-	-
7	Net Over (Under) Collection to Include in Rates	To Sch. D-3, Page 2	(\$936,032.14)	\$500,021.81	\$533,901.88	\$820,612.01	(\$1,699,453.27)	(\$1,747,779.18)	(\$596,222.32)	\$827,374.76	(\$299,798.57)	(\$898,298.00)	(\$950,114.59)	(\$4,008,212.95)	(\$8,454,000.56)
<b>RTEP Credit Reconciliation</b>															
8	RTEP Charges to be Refunded	Sch D-1, Lines 5 & 6	(791,074.98)	(791,075.03)	(791,074.51)	(791,074.30)	(791,074.74)	(791,074.92)	(735,577.25)	(761,784.28)	(761,617.26)	(761,700.17)	(761,700.20)	(759,351.17)	(\$9,288,178.81)
9	Revenue Refunded in RTEP Credit	Sch D-2, Line 15	(1,108,492.13)	(1,310,781.98)	(1,261,048.22)	(1,154,475.55)	(961,703.05)	(950,024.74)	(1,029,999.37)	(1,200,236.10)	(987,352.24)	(1,004,522.05)	(940,393.62)	(302,549.51)	(12,211,678.56)
10	Current Month Over- (Under-) Collection		(\$317,417.15)	(\$519,706.95)	(\$469,973.71)	(\$363,401.25)	(\$170,628.31)	(\$158,949.82)	(\$294,422.12)	(\$438,451.82)	(\$225,734.98)	(\$242,821.88)	(\$178,693.42)	\$456,801.66	(\$2,923,399.75)
11	Prior Period Over (Under) Collection <sup>(3)</sup>		385,250.83	385,250.83	385,250.83	385,250.83	195,660.67	195,660.67	195,660.67	195,660.67	195,660.67	195,660.67	195,660.67	195,660.67	3,106,288.68
12	Carrying Charges from prior period <sup>(4)</sup>		21,320.25	21,320.25	21,320.25	21,320.25	54,059.33	54,059.33	54,059.33	54,059.33	54,059.33	54,059.33	54,059.33	54,059.33	517,755.64
13	Over- (Under-) Collection from prior filing		-	-	-	-	-	-	-	-	-	-	-	-	-
14	Net Over (Under) Collection to Include in Rates	To Sch. D-3, Page 2	\$89,153.93	(\$113,135.87)	(\$63,402.63)	\$43,169.83	\$79,091.69	\$90,770.18	(\$44,702.12)	(\$188,731.82)	\$23,985.02	\$6,898.12	\$71,026.58	\$706,521.66	\$700,644.57

Notes: (1) June - September 2021 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 20-1151-EL-RDR.  
October 2021 - May 2022 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 21-713-EL-RDR.  
(2) June - September 2021 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3 in Case No. 20-1151-EL-RDR.  
October 2021 - May 2022 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3 in Case No. 21-713-EL-RDR.  
(3) June - September 2021 represents one-twelfth of the under (over) recovered balance included on Schedule C-3a in Case No. 20-1151-EL-RDR.  
October 2021 - May 2022 represents one-twelfth of the under (over) recovered balance included on Schedule C-3a in Case No. 21-713-EL-RDR.  
(4) June - September 2021 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3a in Case No. 20-1151-EL-RDR.  
October 2021 - May 2022 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3a in Case No. 21-713-EL-RDR.

Line	Description	Reference	Projected					Actual	Total
			Jun-22	Jul-22	Aug-22	Sep-22	Projected		
<b>BTR Reconciliation</b>									
1	Transmission Charges	WPD-1a	15,127,806.73	15,561,026.73	15,561,026.73	15,127,806.73	61,377,666.92	\$167,580,198.87	\$228,957,865.79
2	Revenue Collected in BTR <sup>(4)</sup>	Company Records	11,890,147.00	13,959,367.00	14,054,504.00	13,936,367.00	53,840,385.00	\$170,898,676.95	\$224,739,061.95
3	Current Month Over- (Under-) Collection		(\$3,237,659.73)	(\$1,601,659.73)	(\$1,506,522.73)	(\$1,191,439.73)	(\$7,537,281.92)	\$3,318,478.08	(\$4,218,803.84)
4	Prior Period Over (Under) Collection <sup>(1)</sup>		(913,844.75)	(913,844.75)	(913,844.75)	(913,844.75)	(3,655,379.00)	(\$11,027,896.68)	(\$14,683,275.68)
5	Carrying Charges from prior period <sup>(2)</sup>		(79,192.83)	(79,192.83)	(79,192.83)	(79,192.83)	(316,771.32)	(\$744,581.96)	(\$1,061,353.28)
6	Over- (Under-) Collection from prior filing		-	-	-	-	-	-	-
7	Net Over (Under) Collection to Include in Rates	To Sch. C-3	(\$4,230,697.31)	(\$2,594,697.31)	(\$2,499,560.31)	(\$2,184,477.31)	(\$11,509,432.24)	(\$8,454,000.56)	(\$19,963,432.80)
<b>RTEP Credit Reconciliation</b>									
8	RTEP Charges to be Refunded	WPD-1a	(762,296.73)	(762,296.73)	(762,296.73)	(762,296.73)	(3,049,186.92)	(9,288,178.81)	(\$12,337,365.73)
9	Revenue Refunded in RTEP Credit <sup>(4)</sup>	Company Records	(1,014,275.58)	(1,277,365.58)	(1,176,238.00)	(1,264,665.00)	(4,732,544.16)	(12,211,578.56)	(\$16,944,122.72)
10	Current Month Over- (Under-) Collection		(\$251,978.85)	(\$515,068.85)	(\$413,941.27)	(\$502,368.27)	(\$1,683,357.24)	(\$2,923,399.75)	(\$4,606,756.99)
11	Prior Period Over (Under) Collection <sup>(1)</sup>		195,660.67	195,660.67	195,660.67	195,660.67	782,642.68	3,106,288.68	\$3,888,931.36
12	Carrying Charges from prior period <sup>(3)</sup>		54,059.33	54,059.33	54,059.33	54,059.33	216,237.32	517,755.64	\$733,992.96
13	Over- (Under-) Collection from prior filing		-	-	-	-	-	-	-
14	Net Over (Under) Collection to Include in Rates	To Sch. C-3a	(\$2,258.85)	(\$265,348.85)	(\$164,221.27)	(\$252,648.27)	(\$684,477.24)	\$700,644.57	\$16,167.33

Notes: (1) June - September 2022 represents one-twelfth of the Allocated Under(Over) Recovery included on Schedule C-3 or C-3a from Case No. 21-713-EL-RDR.

(2) June - September 2022 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3 in Case No. 21-713-EL-RDR.

(3) June - September 2022 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3a in Case No. 21-713-EL-RDR.

(4) June - September 2022 estimated using rates approved in Case No. 21-713-EL-RDR applied to 2021 billing determinants.

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

Line	Description	Reference	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22
1	<b>BTR</b>													
2	Monthly Balances													
3	Beginning Balance of Over- (Under-) Recovery		(\$15,539,011.09)	(\$15,584,771.73)	(\$14,191,587.42)	(\$12,758,459.04)	(\$11,031,841.53)	(\$11,787,213.22)	(\$12,594,262.82)	(\$12,250,749.56)	(\$10,479,101.22)	(\$9,829,432.21)	(\$9,776,755.63)	(\$9,775,780.64)
4	Current Month Over- (Under-) Collection	Sch D-3, Pg 1, Line 3	\$21,012.36	1,457,066.31	1,490,946.38	1,777,656.51	(706,415.69)	(754,741.60)	396,815.26	1,820,412.34	693,239.01	94,739.58	42,922.99	(3,015,175.37)
5	Carrying Charge (a)	To Sch. C-3	(66,773.00)	(63,882.00)	(57,818.00)	(51,039.00)	(48,956.00)	(52,308.00)	(53,302.00)	(48,764.00)	(43,570.00)	(42,063.00)	(41,948.00)	(48,518.00)
6	Ending Balance		(\$15,584,771.73)	(\$14,191,587.42)	(\$12,758,459.04)	(\$11,031,841.53)	(\$11,787,213.22)	(\$12,594,262.82)	(\$12,250,749.56)	(\$10,479,101.22)	(\$9,829,432.21)	(\$9,776,755.63)	(\$9,775,780.64)	(\$12,839,474.01)
7	<b>RTEP Credit</b>													
8	Monthly Balances													
9	Beginning Balance of Over- (Under-) Recovery		\$9,650,129.51	\$9,373,525.36	\$8,893,007.41	\$8,460,262.70	\$8,132,459.45	\$7,996,434.14	\$7,871,527.32	\$7,610,320.20	\$7,203,650.38	\$7,008,405.40	\$6,795,197.52	\$6,645,339.10
10	Current Month Over- (Under-) Collection	Sch D-3, Pg 1, Line 10	(317,417.15)	(519,706.95)	(469,973.71)	(363,401.25)	(170,628.31)	(158,949.82)	(294,422.12)	(438,451.82)	(225,734.98)	(242,821.88)	(178,693.42)	456,801.66
11	Carrying Charge (a)	To Sch. C-3a	40,813.00	39,189.00	37,229.00	35,598.00	34,603.00	34,043.00	33,215.00	31,782.00	30,490.00	29,614.00	28,835.00	29,557.00
12	Ending Balance		\$9,373,525.36	\$8,893,007.41	\$8,460,262.70	\$8,132,459.45	\$7,996,434.14	\$7,871,527.32	\$7,610,320.20	\$7,203,650.38	\$7,008,405.40	\$6,795,197.52	\$6,645,339.10	\$7,131,697.76

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

Line	Description	Reference	Projected			
			Jun-22	Jul-22	Aug-22	Sep-22
1	<b>BTR</b>					
2	Monthly Balances					
3	Beginning Balance of Over- (Under-) Recovery		(\$12,839,474.01)	(\$16,139,304.74)	(\$17,813,807.47)	(\$19,400,168.20)
4	Current Month Over- (Under-) Collection	Sch D-3, Pg 2, Line 3	(\$3,237,659.73)	(\$1,601,659.73)	(\$1,506,522.73)	(\$1,191,439.73)
5	Carrying Charge (a)	To Sch. C-3	(62,171.00)	(72,843.00)	(79,838.00)	(85,982.00)
6	Ending Balance		(\$16,139,304.74)	(\$17,813,807.47)	(\$19,400,168.20)	(\$20,677,589.93)
7	<b>RTEP Credit</b>					
8	Monthly Balances					
9	Beginning Balance of Over- (Under-) Recovery		\$7,131,697.76	\$6,909,843.91	\$6,423,380.06	\$6,036,169.79
10	Current Month Over- (Under-) Collection	Sch D-3, Pg 2, Line 10	(\$251,978.85)	(\$515,068.85)	(\$413,941.27)	(\$502,368.27)
11	Carrying Charge (a)	To Sch. C-3a	30,125.00	28,605.00	26,731.00	24,875.00
12	Ending Balance		\$6,909,843.91	\$6,423,380.06	\$6,036,169.79	\$5,558,676.52

(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. 22-617-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 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	RS	SUMMER					
2		NA	300	42.21	42.78	0.57	1.3
3		NA	400	53.87	54.63	0.76	1.4
4		NA	500	65.54	66.48	0.94	1.4
5		NA	800	100.52	102.03	1.51	1.5
6		NA	1,000	123.84	125.73	1.89	1.5
7		NA	1,500	182.15	184.98	2.83	1.6
8		NA	2,000	240.45	244.23	3.78	1.6
9	RS	WINTER					
10		NA	300	42.21	42.78	0.57	1.3
11		NA	400	53.87	54.63	0.76	1.4
12		NA	500	65.54	66.48	0.94	1.4
13		NA	800	100.52	102.03	1.51	1.5
14		NA	1,000	123.84	125.73	1.89	1.5
15		NA	1,500	170.32	173.16	2.83	1.7
16		NA	3,000	309.31	314.97	5.66	1.8
17		NA	6,000	586.82	598.15	11.33	1.9
18	ORH	SUMMER					
19		NA	1,000	101.69	103.58	1.89	1.9
20		NA	1,500	148.92	151.75	2.83	1.9
21		NA	2,000	196.15	199.93	3.78	1.9
22		NA	3,000	290.15	295.81	5.66	2.0
23	ORH	WINTER					
24		20	1,000	101.31	103.20	1.89	1.9
25		20	2,000	163.15	166.93	3.78	2.3
26		20	3,000	224.53	230.20	5.66	2.5
27		20	6,000	381.23	392.56	11.33	3.0
28	RSLI	SUMMER					
29		NA	300	37.39	37.95	0.57	1.5
30		NA	400	49.05	49.80	0.76	1.5
31		NA	500	60.71	61.65	0.94	1.6
32		NA	800	95.69	97.20	1.51	1.6
33		NA	1,000	119.02	120.90	1.89	1.6
34		NA	1,500	177.32	180.15	2.83	1.6
35		NA	2,000	235.63	239.40	3.78	1.6
36	RSLI	WINTER					
37		NA	300	37.39	37.95	0.57	1.5
38		NA	400	49.05	49.80	0.76	1.5
39		NA	500	60.71	61.65	0.94	1.6
40		NA	800	95.69	97.20	1.51	1.6
41		NA	1,000	119.02	120.90	1.89	1.6
42		NA	1,500	165.50	168.33	2.83	1.7
43		NA	3,000	304.48	310.15	5.66	1.9
44		NA	6,000	581.99	593.32	11.33	1.9

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

DUKE ENERGY OHIO  
CASE NO. 22-617-EL-RDR  
TYPICAL BILL COMPARISON  
CURRENT versus PROPOSED RATES - RIDER BTR  
ELECTRIC SERVICE

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LINE NO.	RATE CODE	BILL DATA					
		LEVEL OFF-PEAK USE	LEVEL ON-PEAK USE	CURRENT BILL (1)	PROPOSED BILL (1)	DOLLAR INCR/(DECR)	PERCENT INCR/(DECR)
		(A) (KWH)	(B) (KWH)	(C) (\$)	(D) (\$)	(E - D) (E) (\$)	(F / D) (F) (%)
1	TD						
2		1,000	400	210.84	213.48	2.64	1.3
3		1,500	500	274.27	278.05	3.78	1.4
4		1,460	540	284.89	288.66	3.78	1.3
5		2,500	500	335.29	340.95	5.66	1.7
6		2,700	600	380.14	386.37	6.23	1.6
7		2,700	700	412.79	419.21	6.42	1.6
8		2,800	700	418.89	425.50	6.61	1.6
9		3,700	800	506.45	514.95	8.50	1.7
10		4,500	1,000	620.56	630.95	10.38	1.7
11	TD						
12		1,000	400	183.01	185.66	2.64	1.4
13		1,500	500	241.76	245.53	3.78	1.6
14		1,460	540	248.32	252.10	3.78	1.5
15		2,500	500	311.83	317.49	5.66	1.8
16		2,700	600	349.27	355.50	6.23	1.8
17		2,700	700	372.70	379.12	6.42	1.7
18		2,800	700	379.71	386.32	6.61	1.7
19		3,700	800	466.20	474.70	8.50	1.8
20		4,500	1,000	569.12	579.51	10.38	1.8

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

DUKE ENERGY OHIO  
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TYPICAL BILL COMPARISON  
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ELECTRIC SERVICE

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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	42.21	42.78	0.57	1.3
3		NA	400	53.87	54.63	0.76	1.4
4		NA	500	65.54	66.48	0.94	1.4
5		NA	800	100.52	102.03	1.51	1.5
6		NA	1,000	123.84	125.73	1.89	1.5
7		NA	1,500	182.15	184.98	2.83	1.6
8		NA	2,000	240.45	244.23	3.78	1.6
9	CUR	WINTER					
10		NA	300	42.21	42.78	0.57	1.3
11		NA	400	53.87	54.63	0.76	1.4
12		NA	500	65.54	66.48	0.94	1.4
13		NA	800	100.52	102.03	1.51	1.5
14		NA	1,000	123.84	125.73	1.89	1.5
15		NA	1,500	170.32	173.16	2.83	1.7
16		NA	3,000	309.31	314.97	5.66	1.8
17		NA	6,000	586.82	598.15	11.33	1.9
18	RS3P	SUMMER					
19		NA	300	45.23	45.80	0.57	1.3
20		NA	400	56.89	57.65	0.76	1.3
21		NA	500	68.55	69.50	0.94	1.4
22		NA	800	103.54	105.05	1.51	1.5
23		NA	1,000	126.86	128.75	1.89	1.5
24		NA	1,500	185.16	188.00	2.83	1.5
25		NA	2,000	243.47	247.25	3.78	1.6
26	RS3P	WINTER					
27		NA	300	45.23	45.80	0.57	1.3
28		NA	400	56.89	57.65	0.76	1.3
29		NA	500	68.55	69.50	0.94	1.4
30		NA	800	103.54	105.05	1.51	1.5
31		NA	1,000	126.86	128.75	1.89	1.5
32		NA	1,500	173.34	176.17	2.83	1.6
33		NA	3,000	312.32	317.99	5.66	1.8
34		NA	6,000	589.84	601.16	11.33	1.9

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

DUKE ENERGY OHIO  
CASE NO. 22-617-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) (KW)	LEVEL of USE (B) (KWH)	BILL DATA			
				CURRENT BILL (1)	PROPOSED BILL (1)	DOLLAR INCR/(DECR) (D - C)	PERCENT INCR/(DECR) (E / C)
				(C) (\$)	(D) (\$)	(E) (\$)	(F) (%)
1	DS	30	6,000	742.71	759.86	17.15	2.3
2		30	9,000	916.82	934.40	17.58	1.9
3		30	12,000	1,088.95	1,106.95	18.01	1.7
4		50	10,000	1,198.42	1,227.01	28.59	2.4
5		50	15,000	1,488.61	1,517.91	29.30	2.0
6		50	20,000	1,772.68	1,802.69	30.01	1.7
7		75	15,000	1,768.06	1,810.95	42.89	2.4
8		75	20,000	2,055.45	2,099.05	43.59	2.1
9		75	30,000	2,625.25	2,670.27	45.01	1.7
10		100	20,000	2,334.90	2,392.08	57.18	2.4
11		100	30,000	2,909.68	2,968.28	58.60	2.0
12		100	40,000	3,477.82	3,537.84	60.02	1.7
13		300	60,000	6,869.63	7,041.17	171.54	2.5
14		300	90,000	8,593.96	8,769.76	175.80	2.0
15		300	120,000	10,298.39	10,478.45	180.06	1.7
16		500	100,000	11,404.36	11,690.26	285.90	2.5
17		500	200,000	17,118.96	17,419.06	300.10	1.8
18		500	300,000	22,769.21	23,083.51	314.30	1.4
19	EH	WINTER					
20		NA	9,400	864.35	865.53	1.18	0.1
21		NA	23,600	2,078.71	2,081.68	2.97	0.1
22		NA	37,800	3,289.93	3,294.69	4.76	0.1

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

DUKE ENERGY OHIO  
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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	21.67	21.82	0.14	0.7
3		1	144	30.95	31.24	0.29	0.9
4		1	288	49.51	50.08	0.57	1.2
5		5	360	58.78	59.50	0.72	1.2
6		5	720	105.17	106.61	1.44	1.4
7		5	1,440	197.95	200.82	2.87	1.5
8		10	720	105.17	106.61	1.44	1.4
9		10	1,440	197.95	200.82	2.87	1.5
10		10	2,880	376.49	382.23	5.75	1.5
11		15	1,080	151.56	153.71	2.15	1.4
12		15	2,160	290.65	294.96	4.31	1.5
13		15	4,320	442.44	451.06	8.62	1.9
14		15	6,480	535.81	548.74	12.93	2.4
15	DM	WINTER					
16		1	72	21.67	21.82	0.14	0.7
17		1	144	30.95	31.24	0.29	0.9
18		1	288	49.51	50.08	0.57	1.2
19		5	360	58.78	59.50	0.72	1.2
20		5	720	105.17	106.61	1.44	1.4
21		5	1,440	197.95	200.82	2.87	1.5
22		10	720	105.17	106.61	1.44	1.4
23		10	1,440	197.95	200.82	2.87	1.5
24		10	2,880	376.49	382.23	5.75	1.5
25		15	1,080	151.56	153.71	2.15	1.4
26		15	2,160	290.65	294.96	4.31	1.5
27		15	4,320	442.44	451.06	8.62	1.9
28		15	6,480	535.92	548.85	12.93	2.4

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

DUKE ENERGY OHIO  
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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)
				(\$)	(\$)	(\$)	(%)
1	DP	100	14,400	1,946.49	1,994.84	48.35	2.5
2		100	28,800	2,780.08	2,830.48	50.40	1.8
3		100	43,200	3,599.95	3,652.40	52.44	1.5
4		200	28,800	3,760.89	3,857.60	96.71	2.6
5		200	57,600	5,427.40	5,528.20	100.80	1.9
6		200	86,400	7,067.15	7,172.04	104.89	1.5
7		300	43,200	5,574.96	5,720.03	145.06	2.6
8		300	86,400	8,074.73	8,225.93	151.20	1.9
9		300	129,600	10,534.35	10,691.69	157.33	1.5
10		500	72,000	9,203.10	9,444.88	241.77	2.6
11		500	144,000	13,369.38	13,621.38	252.00	1.9
12		500	216,000	17,468.75	17,730.97	262.22	1.5
13		800	115,200	14,645.31	15,032.15	386.84	2.6
14		800	230,400	21,311.35	21,714.55	403.20	1.9
15		800	345,600	27,870.35	28,289.91	419.56	1.5
16		1000	144,000	18,273.45	18,757.00	483.55	2.6
17		1000	288,000	26,606.00	27,110.00	504.00	1.9
18		1000	432,000	34,804.75	35,329.20	524.44	1.5
19		1500	216,000	27,343.80	28,069.12	725.32	2.7
20		1500	432,000	39,842.63	40,598.62	755.99	1.9
21		1500	648,000	52,140.75	52,927.42	786.67	1.5
22		3000	432,000	54,554.84	56,005.49	1,450.64	2.7
23		3000	864,000	79,553.14	81,065.13	1,511.99	1.9
24		3000	1,296,000	104,158.24	105,731.57	1,573.33	1.5

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

DUKE ENERGY OHIO  
CASE NO. 22-617-EL-RDR  
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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	15,299.31	15,967.84	668.53	4.4
2		1,000	400,000	26,565.84	27,263.20	697.35	2.6
3		2,500	500,000	37,931.09	39,602.41	1,671.32	4.4
4		2,500	1,000,000	66,101.15	67,844.53	1,743.38	2.6
5		5,000	1,000,000	75,654.45	78,997.08	3,342.63	4.4
6		5,000	2,000,000	132,007.91	135,494.67	3,486.76	2.6
7		10,000	2,000,000	151,114.52	157,799.78	6,685.26	4.4
8		10,000	4,000,000	263,821.44	270,794.96	6,973.52	2.6
9		10,000	5,000,000	319,660.93	326,778.58	7,117.65	2.2
10		10,000	6,000,000	375,297.14	382,558.92	7,261.78	1.9
11		20,000	4,000,000	302,034.66	315,405.18	13,370.52	4.4
12		20,000	8,000,000	527,448.50	541,395.54	13,947.04	2.6
13		20,000	12,000,000	750,399.90	764,923.46	14,523.56	1.9
14		40,000	16,000,000	1,054,702.62	1,082,596.70	27,894.08	2.6
15		40,000	24,000,000	1,500,605.42	1,529,652.54	29,047.12	1.9
16		80,000	32,000,000	2,109,210.86	2,164,999.02	55,788.16	2.6
17		80,000	48,000,000	3,001,016.46	3,059,110.70	58,094.24	1.9
18		160,000	64,000,000	4,218,227.34	4,329,803.66	111,576.32	2.6
19		160,000	96,000,000	6,001,838.54	6,118,027.02	116,188.48	1.9

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

DUKE ENERGY OHIO  
CASE NO. 22-617-EL-RDR  
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LINE NO.	RATE CODE	LEVEL of DEMAND (A) (KW)	LEVEL of USE (B) (KWH)	BILL DATA			
				CURRENT BILL (1)	PROPOSED BILL (1)	DOLLAR INCR/(DECR) (D - C)	PERCENT INCR/(DECR) (E / C)
				(C) (\$)	(D) (\$)	(E) (\$)	(F) (%)
GSFL							
1	> 540hrs	NA	50	4.82	4.92	0.10	2.2
2		NA	100	9.67	9.88	0.21	2.2
3		NA	150	14.52	14.83	0.31	2.2
4		NA	200	19.37	19.79	0.42	2.2
5		NA	250	24.22	24.74	0.52	2.2
6		NA	300	29.07	29.70	0.63	2.2
7		NA	350	33.92	34.65	0.73	2.2
8		NA	400	38.77	39.61	0.84	2.2
9	< 540hrs	NA	50	5.06	5.16	0.10	2.1
10		NA	100	10.14	10.35	0.21	2.1
11		NA	150	15.23	15.54	0.31	2.1
12		NA	200	20.32	20.73	0.42	2.1
13		NA	250	25.40	25.92	0.52	2.1
14		NA	300	30.49	31.12	0.63	2.1
15		NA	350	35.58	36.31	0.73	2.1
16		NA	400	40.66	41.50	0.84	2.1
SFL							
17		NA	1	0.07	0.07	0.00	3.1
18		NA	5	0.45	0.47	0.01	2.3
19		NA	10	0.94	0.96	0.02	2.2

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

DUKE ENERGY OHIO  
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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)	(D - C)	(E / C)
				(\$)	(\$)	(\$)	(%)
UOLS							
1		NA	300	22.37	22.41	0.04	0.2
2		NA	400	28.90	28.95	0.05	0.2
3		NA	500	35.43	35.49	0.06	0.2
4		NA	800	55.02	55.12	0.10	0.2
5		NA	1,000	68.08	68.21	0.13	0.2
6		NA	1,500	100.73	100.92	0.19	0.2
7		NA	2,000	133.38	133.63	0.25	0.2
8		NA	2,500	165.80	166.11	0.31	0.2
9		NA	3,000	198.22	198.60	0.38	0.2
10		NA	3,500	230.64	231.08	0.44	0.2
11		NA	4,000	263.06	263.56	0.50	0.2

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

**This foregoing document was electronically filed with the Public Utilities  
Commission of Ohio Docketing Information System on**

**7/15/2022 1:36:42 PM**

**in**

**Case No(s). 22-0617-EL-RDR**

Summary: Application Application of Duke Energy Ohio, Inc. To Adjust And Set The Rates For Rider BTR electronically filed by Mrs. Tammy M. Meyer on behalf of Duke Energy Ohio Inc. and D'Ascenzo, Rocco and Vaysman, Larisa and Kingery, Jeanne W.