

BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of Duke Energy Ohio, Inc., to Adjust and Set the Rate for Rider BTR.) Case No. 24-658-EL-RDR)

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

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 offer¹ 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).² 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

¹ 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.*

² *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).³ Rider BTR was approved to continue in Duke Energy Ohio's electric security plan, which was approved by the Commission on December 19, 2018, with a modification to include the use of a one coincident peak (CP) factor for purposes of allocating transmission costs to individual rate schedules and for calculating demand-based charges.⁴

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.⁵

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.⁶

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 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

³ 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.

⁴ *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).

⁵ *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, p. 4 (May 25, 2011).

⁶ *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, p. 6 (May 25, 2011).

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, 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:

Schedule A-1	Copy of proposed tariff schedule (Rider BTR)
Schedule A-2	Copy of redlined current tariff schedule (Rider BTR), showing changes as compared with the tariff approved by the Commission
Schedule B-1	Summary of Total Projected Transmission Costs/Revenues
Schedule B-2	Summary of Current versus Proposed Transmission Revenues
Schedule B-3	Summary of Current and Proposed Rates
Schedule B-4	Typical Bill Comparisons
Schedule C-1	Projected Transmission Costs/Revenues by Month
Schedule C-2	Monthly Projected Costs/Revenues by Rate Schedule
Schedule C-3	Projected Transmission Cost Recovery Rider Rate Calculations
Schedule D-1	Reconciliation Adjustment – Monthly Costs
Schedule D-2	Monthly Revenues Collected from each Rate Schedule
Schedule D-3	Monthly Over- and Under-recovery
Schedule D-3a	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 October 1, 2024.

Respectfully submitted,

DUKE ENERGY OHIO, INC.

/s/ Jeanne W. Kingery
Rocco O. D'Ascenzo (0077651)
Deputy General Counsel
Jeanne W. Kingery (0012172)
Associate General Counsel (Counsel of Record)
Larisa M. Vaysman (0090290)
Associate General Counsel
Elyse H. Akhbari (0090701)
Senior Counsel
Duke Energy Business Services LLC
139 East Fourth Street, 1303-Main
Cincinnati, Ohio 45202
(513) 287-4320 (telephone)
(513) 287-4385 (fax)
Rocco.dascenzo@duke-energy.com
Jeanne.kingery@duke-energy.com
Larisa.vaysman@duke-energy.com
Elyse.Akhbari@duke-energy.com
Willing to accept service via e-mail

Attorneys for Duke Energy Ohio, Inc.

Network Integration Transmission Service (NITS)

a) Complete description of the cost.

Network customers pay daily demand charges to PJM Interconnection, L.L.C. (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 approved in Case No. 11-2641-EL-RDR, *et al.*, all Signatory Parties agreed 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. Network customers pay daily demand charges to PJM transmission owners using the applicable zonal or non-zone Network Integration Transmission Service rates. For transmission owners (except those in ATSI, PPL, ComEd, Dayton, Duke Energy, and Duquesne Zones), the charges for their own transmission facilities are not actually paid (*i.e.*, are exempted with an equal amount credits) and are shown only to identify their cost responsibility as ordered by FERC. 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. 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 cost because 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 scheduling, system control, and dispatch service 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 approved in Case No. 11-2641-EL-RDR, *et al.*, all Signatory Parties agreed 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 cost.

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 reactive supply and voltage control from generation and other sources service 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 approved in Case No. 11-2641-EL-RDR, *et al.*, all Signatory Parties agreed that these charges would be paid by Duke Energy Ohio. Monthly pool-wide reactive revenue requirements are 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 cost because 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 approved in Case No. 11-2641-EL-RDR, *et al.*, all Signatory Parties agreed 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 cost because 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 its 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 cost.

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 approved in Case No. 11-2641-EL-RDR, *et al.*, all Signatory Parties agreed 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 cost.

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 approved in Case No. 11-2641-EL-RDR, *et al.*, all Signatory Parties agreed 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 cost.

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.

As part of the Stipulation and Recommendation approved in Case No. 11-2641-EL-RDR, *et al.*, all Signatory Parties agreed 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 cost.

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 administration of PJM Settlement, Inc., which 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. A monthly formula rate is charged

to each user of PJM Settlement Services through two components: Component 1 is 68% of the PJM Settlement Rate, allocated on a per invoice basis. Component 2 is 32% of the PJM Settlement Rate, allocated as a sum of the determinants used in Schedules 9-1 through 9-5.

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 PJM Interconnection L.L.C.

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. 24-658-EL-RDR before the Public Utilities Commission of Ohio.

Issued:

Effective: October 1, 2024

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	\$0.016431
Rate ORH, Optional Residential Service With Electric Space Heating All kWh	\$0.016431
Rate TD, Optional Time-of-Day Rate All kWh	\$0.016431
Rate TD-CPP, Critical Peak All kWh	\$0.016431
Rate TD-CPP, On Peak All kWh	\$0.016431
Rate TD-CPP, Off Peak All kWh	\$0.016431
Rate TD-CPP, Discount All kWh	\$0.016431

Filed pursuant to an Order dated _____ in Case No. 24-658-EL-RDR before the Public Utilities Commission of Ohio.

Issued:

Effective: October 1, 2024

Issued by Amy B. Spiller, President

BTR Charge Tariff Sheet

BTR Charge
(per kWh\kW)

Rate DS, Service at Secondary Distribution Voltage All kW	\$3.367500
Rate GS-FL, Optional Unmetered For Small Fixed Loads All kWh	\$0.010614
Rate EH, Optional Rate For Electric Space Heating All kWh	\$0.000160
Rate DM, Secondary Distribution Service, Small All kWh	\$0.012478
Rate DP, Service at Primary Distribution Voltage All kW	\$2.644400
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines All kWh	\$0.010614
Rate TS, Service at Transmission Voltage All kVA	\$2.653800
Rate SL, Street Lighting Service All kWh	\$0.000160
Rate TL, Traffic Lighting Service All kWh	\$0.000160
Rate OL, Outdoor Lighting Service All kWh	\$0.000160
Rate NSU, Street Lighting Service for Non-Standard Units All kWh	\$0.000160
Rate NSP, Private Outdoor Lighting for Non-Standard Units All kWh	\$0.000160
Rate SC, Street Lighting Service - Customer Owned All kWh	\$0.000160
Rate SE, Street Lighting Service - Overhead Equivalent All kWh	\$0.000160
Rate UOLS, Unmetered Outdoor Lighting Electric Service All kWh	\$0.000160
Rate LED, LED Outdoor Electric Lighting Service All kWh	\$0.000160

Filed pursuant to an Order dated _____ in Case No. 24-658-EL-RDR before the Public Utilities Commission of Ohio.

Issued:

Effective: October 1, 2024

Issued by Amy B. Spiller, President

RTEP Credit

<u>Tariff Sheet</u>	<u>RTEP Credit</u> (per kWh)
Rate RS, RSLI, RS3P, Residential Service	\$0.000686
Rate ORH, Optional Residential Service With Electric Space Heating	\$0.000686
Rate TD, Optional Time-of-Day Rate	\$0.000686
Rate TD-CPP, Critical Peak	\$0.000686
Rate TD-CPP, On Peak	\$0.000686
Rate TD-CPP, Off Peak	\$0.000686
Rate TD-CPP, Discount	\$0.000686
Rate DS, Service at Secondary Distribution Voltage	\$0.000448
Rate EH, Optional Rate For Electric Space Heating	\$0.000448
Rate DM, Secondary Distribution Service, Small	\$0.000448
Rate DP, Service at Primary Distribution Voltage	\$0.000448
Rate GS-FL, Optional Unmetered For Small Fixed Loads	\$0.000448
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	\$0.000448
Rate TS, Service at Transmission Voltage	\$0.000448
Rate SL, Street Lighting Service	\$0.000448
Rate TL, Traffic Lighting Service	\$0.000448
Rate OL, Outdoor Lighting Service	\$0.000448
Rate NSU, Street Lighting Service for Non-Standard Units	\$0.000448
Rate NSP, Private Outdoor Lighting for Non-Standard Units	\$0.000448
Rate SC, Street Lighting Service - Customer Owned	\$0.000448
Rate SE, Street Lighting Service - Overhead Equivalent	\$0.000448
Rate UOLS, Unmetered Outdoor Lighting Electric Service	\$0.000448
Rate LED, LED Outdoor Electric Lighting Service	\$0.000448

Filed pursuant to an Order dated _____ in Case No. 24-658-EL-RDR before the Public Utilities Commission
of Ohio.

Issued:

Effective: October 1, 2024

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 PJM Interconnection L.L.C.

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 20, 2023 in Case No. 23-457-EL-RDR _____ in Case No. 24-658-EL-RDR before the Public Utilities Commission of Ohio.

Issued: September 21, 2023

Effective: October 2, 2023 October 1, 2024

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	<u>\$0.0124680.016431</u>
Rate ORH, Optional Residential Service With Electric Space Heating All kWh	<u>\$0.0124680.016431</u>
Rate TD, Optional Time-of-Day Rate All kWh	<u>\$0.0124680.016431</u>
Rate TD-CPP, Critical Peak All kWh	<u>\$0.0124680.016431</u>
Rate TD-CPP, On Peak All kWh	<u>\$0.0124680.016431</u>
Rate TD-CPP, Off Peak All kWh	<u>\$0.0124680.016431</u>
Rate TD-CPP, Discount All kWh	<u>\$0.0124680.016431</u>

Filed pursuant to an Order dated September 20, 2023 in Case No. 23-457-EL-RDR _____ in Case No. 24-658-EL-RDR before the Public Utilities Commission of Ohio.

Issued: September 21, 2023

Effective: October 2, 2023 October 1, 2024

Issued by Amy B. Spiller, President

BTR Charge Tariff Sheet

BTR Charge
(per kWh\kW)

Rate DS, Service at Secondary Distribution Voltage All kW	\$ <u>3.3618003.367500</u>
Rate GS-FL, Optional Unmetered For Small Fixed Loads All kWh	\$ <u>0.0057100.010614</u>
Rate EH, Optional Rate For Electric Space Heating All kWh	\$ <u>0.0001710.000160</u>
Rate DM, Secondary Distribution Service, Small All kWh	\$ <u>0.0135080.012478</u>
Rate DP, Service at Primary Distribution Voltage All kW	\$ <u>2.6461002.644400</u>
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines All kWh	\$ <u>0.0057100.010614</u>
Rate TS, Service at Transmission Voltage All kVA	\$ <u>2.6773002.653800</u>
Rate SL, Street Lighting Service All kWh	\$ <u>0.0001710.000160</u>
Rate TL, Traffic Lighting Service All kWh	\$ <u>0.0001710.000160</u>
Rate OL, Outdoor Lighting Service All kWh	\$ <u>0.0001710.000160</u>
Rate NSU, Street Lighting Service for Non-Standard Units All kWh	\$ <u>0.0001710.000160</u>
Rate NSP, Private Outdoor Lighting for Non-Standard Units All kWh	\$ <u>0.0001710.000160</u>
Rate SC, Street Lighting Service - Customer Owned All kWh	\$ <u>0.0001710.000160</u>
Rate SE, Street Lighting Service - Overhead Equivalent All kWh	\$ <u>0.0001710.000160</u>
Rate UOLS, Unmetered Outdoor Lighting Electric Service All kWh	\$ <u>0.0001710.000160</u>
Rate LED, LED Outdoor Electric Lighting Service All kWh	\$ <u>0.0001710.000160</u>

Filed pursuant to an Order dated September 20, 2023 in Case No. 23-457-EL-RDR _____ in Case No. 24-658-EL-RDR before the Public Utilities Commission of Ohio.

Issued: September 21, 2023

Effective: October 2, 2023 October 1, 2024

Issued by Amy B. Spiller, President

RTEP Credit

<u>Tariff Sheet</u>	<u>RTEP Credit</u> (per kWh)
Rate RS, RSLI, RS3P, Residential Service	\$0.000 <u>472686</u>
Rate ORH, Optional Residential Service With Electric Space Heating	\$0.000 <u>472686</u>
Rate TD, Optional Time-of-Day Rate	\$0.000 <u>472686</u>
Rate TD-CPP, Critical Peak	\$0.000 <u>472686</u>
Rate TD-CPP, On Peak	\$0.000 <u>472686</u>
Rate TD-CPP, Off Peak	\$0.000 <u>472686</u>
Rate TD-CPP, Discount	\$0.000 <u>472686</u>
Rate DS, Service at Secondary Distribution Voltage	\$0.000 <u>307448</u>
Rate EH, Optional Rate For Electric Space Heating	\$0.000 <u>307448</u>
Rate DM, Secondary Distribution Service, Small	\$0.000 <u>307448</u>
Rate DP, Service at Primary Distribution Voltage	\$0.000 <u>307448</u>
Rate GS-FL, Optional Unmetered For Small Fixed Loads	\$0.000 <u>307448</u>
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	\$0.000 <u>307448</u>
Rate TS, Service at Transmission Voltage	\$0.000 <u>307448</u>
Rate SL, Street Lighting Service	\$0.000 <u>307448</u>
Rate TL, Traffic Lighting Service	\$0.000 <u>307448</u>
Rate OL, Outdoor Lighting Service	\$0.000 <u>307448</u>
Rate NSU, Street Lighting Service for Non-Standard Units	\$0.000 <u>307448</u>
Rate NSP, Private Outdoor Lighting for Non-Standard Units	\$0.000 <u>307448</u>
Rate SC, Street Lighting Service - Customer Owned	\$0.000 <u>307448</u>
Rate SE, Street Lighting Service - Overhead Equivalent	\$0.000 <u>307448</u>
Rate UOLS, Unmetered Outdoor Lighting Electric Service	\$0.000 <u>307448</u>
Rate LED, LED Outdoor Electric Lighting Service	\$0.000 <u>307448</u>

Filed pursuant to an Order dated September 20, 2023 in Case No. 23-457-EL-RDR _____ in Case No. 24-658-EL-RDR before the Public Utilities Commission of Ohio.

Issued: September 21, 2023

Effective: October 2, 2023 October 1, 2024

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 2024 through September 2025

Case No. 24-658-EL-RDR
Schedule B-1
Page 1 of 1

Line	Description	Costs		Note	Allocation Basis
		10/1/2024 - 9/30/2025			
Costs Included in Rider BTR					
1	Network Integrated Transmission Services (NITS)	\$	192,657,842	(1)	Demand
2	Schedule 1A - Transmission Owner Scheduling and System Control and Dispatch	\$	3,089,023	(3)	Energy
3	Schedule 2 - Reactive Supply and Voltage Control from Generation and Other Sources	\$	7,248,108	(2)	Demand
4	Schedule 1A - Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	\$	1,233	(3)	Energy
5	Schedule 12 - Regional Transmission Expansion Planning (RTEP)	\$	10,704,974	(2)	Demand
6	Schedule 12 - RTEP - Order 494	\$	(1,276,780)	(2)	Demand
7	Midwest Transmission Expansion Planning (MTEP)	\$	3,793,652	(2)	Demand
8	Day-Ahead Load Response Charge Allocation	\$	103,228	(2)	Demand
9	Real-Time Load Response Charge Allocation	\$	4,308	(2)	Demand
10	Generation Deactivation Refund	\$	-	(2)	Demand
11	PJM Customer Payment Default	\$	-	(2)	Demand
12	Non-Firm Point-to-Point (Billing Line 2140)	\$	(242,427)	(2)	Demand
13	PJM Settlement Charge (BLI 1313)	\$	4,240	(2)	Demand
14	Total Costs Recoverable in Rider BTR	\$	216,087,401		
15	RTEP Credit	\$	(9,428,194)		
16	Total Net Costs Recoverable in Rider BTR	\$	206,659,207		

- Notes:
- (1) Projection based on Attachment H-22A filed with FERC on May 15, 2024. In addition, the months of June through September 2025 include an increase of 12.53% for the projected increase in the NITS rate effective in June.
 - (2) Projection based on annualization of actual amount per PJM invoice for May 2024.
 - (3) Annualized invoice charges supplied by PJM for the period June 2023 through May 2024, decreased by 2.20% based on the Schedule 1A rate per the Attachment H-22A filing in May 2024.

**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 2024 through September 2025

Case No. 24-658-EL-RDR
 Schedule B-2
 Page 1 of 1

Line	Rate Schedule (a)	Proposed Rate		Current Rate		Billing Determinants ⁽¹⁾		Proposed Revenues		Current Revenues ⁽²⁾		Variance \$ (j)	Percentage Change (k)
		\$/kW-month (b)	\$/kWh ⁽³⁾ (c)	\$/kW-month (d)	\$/kWh ⁽³⁾ (e)	kW (f)	kWh (g)	\$ (h)	\$ (i)	\$ (j)	\$ (k)		
1	Residential (RS, TD, TDCPP, ORH)		0.015745		0.011996		7,244,587,456	\$ 114,066,029.49	\$ 86,906,071.12	\$ 27,159,958.37		31.25%	
2	Secondary Distribution (DS)	3.367500	(0.000448)	3.361800	(0.000307)	18,502,575	6,214,700,682	59,523,235.41	60,294,043.53	(770,808.12)		-1.28%	
3	Electric Space Heating (EH)		(0.000288)		(0.000136)		54,310,914	(15,641.54)	(7,386.28)	(8,255.26)		-111.76%	
4	Secondary Distribution Service Small (DM)	0.012030		0.013201		544,834,790	6,554,362.52	7,192,364.06	(638,001.54)		(8.87%)		
5	Unmetered Small Fixed Loads (GSFL, ADPL)	0.010166		0.005403		29,531,773	300,220.00	159,560.17	140,659.83		88.15%		
6	Primary Distribution Voltage (DP)	2.644400	(0.000448)	2.646100	(0.000307)	4,280,713	1,933,954,757	10,453,505.73	10,733,470.56	(279,964.83)		-2.61%	
7	Transmission Voltage (TS)	2.653800	(0.000448)	2.677300	(0.000307)	5,554,838	3,203,909,064	13,306,077.82	13,888,367.69	(582,289.87)		-4.19%	
8	Lighting		(0.000288)		(0.000136)		102,053,855	(29,391.51)	(13,879.32)	(15,512.19)		-111.76%	
9	Total							\$ 204,158,397.92	\$ 179,152,611.53	\$ 25,005,786.39			

Notes: (1) Demand and energy based on actual data for the 12 months ended 5/31/2024. 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 5/31/2024.
 (3) Rates RS, TD, TDCPP, 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**

Line	Rate Schedule (a)	Proposed Rate		Current Rate		Variance		Percentage Change	
		\$/kW-month (b)	\$/kWh ⁽¹⁾ (c)	\$/kW-month (d)	\$/kWh ⁽¹⁾ (e)	\$/kW-month (f)	\$/kWh (g)	\$/kW-month (h)	\$/kWh (i)
1	Residential (RS, TD, TDCPP, ORH)		0.015745		0.011996		0.003749		31.25%
2	Secondary Distribution (DS)	3.367500	(0.000448)	3.361800	(0.000307)	0.0057	(0.000141)	0.17%	-45.93%
3	Electric Space Heating (EH)		(0.000288)		(0.000136)		(0.000152)		-111.76%
4	Secondary Distribution Service Small (DM)		0.012030		0.013201		(0.001171)		-8.87%
5	Unmetered Small Fixed Loads (GSFL, ADPL)		0.010166		0.005403		0.004763		88.15%
6	Primary Distribution Voltage (DP)	2.644400	(0.000448)	2.646100	(0.000307)	(0.0017)	(0.000141)	-0.06%	-45.93%
7	Transmission Voltage (TS)	2.653800	(0.000448)	2.677300	(0.000307)	(0.0235)	(0.000141)	-0.88%	-45.93%
8	Lighting		(0.000288)		(0.000136)		(0.000152)		-111.76%
9	Total								

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

**SCHEDULE B-4
TYPICAL BILL COMPARISONS**

DUKE ENERGY OHIO
CASE NO. 24-658-EL-RDR
TYPICAL BILL COMPARISON
CURRENT versus PROPOSED RATES - RIDER BTR
ELECTRIC SERVICE

Schedule B-4
Page 1 of 8

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)
1	RS	SUMMER		(KWH)	(\$)	(\\$)	(%)
2		NA	300	54.76	55.89	1.12	2.1
3		NA	400	69.18	70.68	1.50	2.2
4		NA	500	83.59	85.47	1.87	2.2
5		NA	800	126.84	129.84	3.00	2.4
6		NA	1,000	155.67	159.41	3.75	2.4
7		NA	1,500	227.74	233.36	5.62	2.5
8		NA	2,000	299.81	307.31	7.50	2.5
9	RS	WINTER					
10		NA	300	54.76	55.89	1.12	2.1
11		NA	400	69.18	70.68	1.50	2.2
12		NA	500	83.59	85.47	1.87	2.2
13		NA	800	126.84	129.84	3.00	2.4
14		NA	1,000	155.67	159.41	3.75	2.4
15		NA	1,500	210.26	215.88	5.62	2.7
16		NA	3,000	373.57	384.82	11.25	3.0
17		NA	6,000	699.73	722.23	22.49	3.2
18	ORH	SUMMER					
19		NA	1,000	131.56	135.31	3.75	2.8
20		NA	1,500	191.58	197.20	5.62	2.9
21		NA	2,000	251.60	259.09	7.50	3.0
22		NA	3,000	371.17	382.42	11.25	3.0
23	ORH	WINTER					
24		20	1,000	131.56	135.31	3.75	2.8
25		20	2,000	208.57	216.07	7.50	3.6
26		20	3,000	285.12	296.36	11.25	3.9
27		20	6,000	481.25	503.74	22.49	4.7
28	RSLI	SUMMER					
29		NA	300	48.17	49.30	1.12	2.3
30		NA	400	62.59	64.09	1.50	2.4
31		NA	500	77.00	78.87	1.87	2.4
32		NA	800	120.24	123.24	3.00	2.5
33		NA	1,000	149.07	152.82	3.75	2.5
34		NA	1,500	221.14	226.77	5.62	2.5
35		NA	2,000	293.22	300.71	7.50	2.6
36	RSLI	WINTER					
37		NA	300	48.17	49.30	1.12	2.3
38		NA	400	62.59	64.09	1.50	2.4
39		NA	500	77.00	78.87	1.87	2.4
40		NA	800	120.24	123.24	3.00	2.5
41		NA	1,000	149.07	152.82	3.75	2.5
42		NA	1,500	203.66	209.29	5.62	2.8
43		NA	3,000	366.97	378.22	11.25	3.1
44		NA	6,000	693.14	715.63	22.49	3.2

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

DUKE ENERGY OHIO
CASE NO. 24-658-EL-RDR
TYPICAL BILL COMPARISON
CURRENT versus PROPOSED RATES - RIDER BTR
ELECTRIC SERVICE

Schedule B-4
Page 2 of 8

LINE NO.	RATE CODE	BILL DATA								
		LEVEL OFF-PEAK USE (A)	LEVEL ON-PEAK USE (B)	LEVEL DISCOUNT USE (C)	LEVEL CRITICAL PEAK USE (D)	CURRENT BILL (1) (E)	PROPOSED BILL (1) (F)	DOLLAR INCR/(DECR) (F - E) (G)	PERCENT INCR/(DECR) (G / E) (H)	
1	TD									
2		1,000	400	NA	NA	281.95	287.19	5.25	1.9	
3		1,500	500	NA	NA	371.03	378.52	7.50	2.0	
4		1,460	540	NA	NA	383.54	391.04	7.50	2.0	
5		2,500	500	NA	NA	466.90	478.14	11.25	2.4	
6		2,700	600	NA	NA	526.94	539.31	12.37	2.3	
7		2,700	700	NA	NA	567.81	580.56	12.75	2.2	
8		2,800	700	NA	NA	577.40	590.52	13.12	2.3	
9		3,700	800	NA	NA	704.55	721.42	16.87	2.4	
10		4,500	1,000	NA	NA	862.98	883.60	20.62	2.4	
11	TD									
12		1,000	400	NA	NA	207.46	212.71	5.25	2.5	
13		1,500	500	NA	NA	270.25	277.75	7.50	2.8	
14		1,460	540	NA	NA	279.61	287.11	7.50	2.7	
15		2,500	500	NA	NA	335.42	346.67	11.25	3.4	
16		2,700	600	NA	NA	378.38	390.75	12.37	3.3	
17		2,700	700	NA	NA	408.30	421.05	12.75	3.1	
18		2,800	700	NA	NA	414.82	427.94	13.12	3.2	
19		3,700	800	NA	NA	503.40	520.27	16.87	3.4	
20		4,500	1,000	NA	NA	615.38	636.00	20.62	3.4	
21	RS3P	SUMMER								
22		NA	300	NA	NA	57.51	58.64	1.12	2.0	
23		NA	400	NA	NA	71.93	73.43	1.50	2.1	
24		NA	500	NA	NA	86.34	88.21	1.87	2.2	
25		NA	800	NA	NA	129.58	132.58	3.00	2.3	
26		NA	1,000	NA	NA	158.41	162.16	3.75	2.4	
27		NA	1,500	NA	NA	230.48	236.11	5.62	2.4	
28		NA	2,000	NA	NA	302.56	310.05	7.50	2.5	
29	RS3P	WINTER								
30		NA	300	NA	NA	57.51	58.64	1.12	2.0	
31		NA	400	NA	NA	71.93	73.43	1.50	2.1	
32		NA	500	NA	NA	86.34	88.21	1.87	2.2	
33		NA	800	NA	NA	129.58	132.58	3.00	2.3	
34		NA	1,000	NA	NA	158.41	162.16	3.75	2.4	
35		NA	1,500	NA	NA	213.00	218.63	5.62	2.6	
36		NA	3,000	NA	NA	376.32	387.56	11.25	3.0	
37		NA	6,000	NA	NA	702.48	724.97	22.49	3.2	
38	TD-CPP	SUMMER								
39		220	29	49	2	54.87	55.99	1.12	2.0	
40		293	39	65	3	69.35	70.85	1.50	2.2	
41		366	49	81	4	83.83	85.70	1.87	2.2	
42		586	79	130	5	127.14	130.14	3.00	2.4	
43		732	98	163	7	156.07	159.82	3.75	2.4	
44		1098	147	244	11	228.38	234.00	5.62	2.5	
45		1464	197	325	14	300.65	308.15	7.50	2.5	
46		WINTER								
47		249	0	49	2	54.25	55.38	1.12	2.1	
48		332	0	65	3	68.52	70.02	1.50	2.2	
49		415	0	81	4	82.79	84.66	1.87	2.3	
50		664	0	130	6	125.52	128.52	3.00	2.4	
51		830	0	163	7	153.99	157.74	3.75	2.4	
52		1245	0	244	11	207.78	213.40	5.62	2.7	
53		2491	0	488	21	368.56	379.81	11.25	3.1	
54		4982	0	976	42	689.72	712.21	22.49	3.3	

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

DUKE ENERGY OHIO
CASE NO. 24-658-EL-RDR
TYPICAL BILL COMPARISON
CURRENT versus PROPOSED RATES - RIDER BTR
ELECTRIC SERVICE

Schedule B-4
 Page 3 of 8

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)
1	DS	30	6,000	900.02	899.34	(0.68)	(0.1)
2		30	9,000	1,130.25	1,129.15	(1.10)	(0.1)
3		30	12,000	1,358.46	1,356.94	(1.52)	(0.1)
4		50	10,000	1,462.53	1,461.41	(1.13)	(0.1)
5		50	15,000	1,846.25	1,844.42	(1.83)	(0.1)
6		50	20,000	2,223.81	2,221.27	(2.54)	(0.1)
7		75	15,000	2,165.68	2,163.99	(1.69)	(0.1)
8		75	20,000	2,546.60	2,544.21	(2.39)	(0.1)
9		75	30,000	3,303.39	3,299.59	(3.80)	(0.1)
10		100	20,000	2,866.03	2,863.78	(2.25)	(0.1)
11		100	30,000	3,627.87	3,624.21	(3.66)	(0.1)
12		100	40,000	4,382.97	4,377.90	(5.07)	(0.1)
13		300	60,000	8,468.81	8,462.06	(6.75)	(0.1)
14		300	90,000	10,754.33	10,743.35	(10.98)	(0.1)
15		300	120,000	13,019.65	13,004.44	(15.21)	(0.1)
16		500	100,000	14,071.60	14,060.35	(11.25)	(0.1)
17		500	200,000	21,656.32	21,630.97	(25.35)	(0.1)
18		500	300,000	29,174.69	29,135.24	(39.45)	(0.1)
19	EH	WINTER					
20		NA	9,400	1,082.29	1,080.86	(1.43)	(0.1)
21		NA	23,600	2,611.83	2,608.24	(3.59)	(0.1)
22		NA	37,800	4,138.23	4,132.49	(5.75)	(0.1)

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

DUKE ENERGY OHIO
CASE NO. 24-658-EL-RDR
TYPICAL BILL COMPARISON
CURRENT versus PROPOSED RATES - RIDER BTR
ELECTRIC SERVICE

Schedule B-4
Page 4 of 8

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)
1	DM	SUMMER					
2		1	72	30.79	30.71	(0.08)	(0.3)
3		1	144	42.65	42.48	(0.17)	(0.4)
4		1	288	66.38	66.04	(0.34)	(0.5)
5		5	360	78.24	77.82	(0.42)	(0.5)
6		5	720	137.55	136.71	(0.84)	(0.6)
7		5	1,440	256.18	254.50	(1.69)	(0.7)
8		10	720	137.55	136.71	(0.84)	(0.6)
9		10	1,440	256.18	254.50	(1.69)	(0.7)
10		10	2,880	484.60	481.23	(3.37)	(0.7)
11		15	1,080	196.87	195.60	(1.26)	(0.6)
12		15	2,160	374.74	372.21	(2.53)	(0.7)
13		15	4,320	569.46	564.40	(5.06)	(0.9)
14		15	6,480	683.46	675.88	(7.59)	(1.1)
15	DM	WINTER					
16		1	72	30.79	30.71	(0.08)	(0.3)
17		1	144	42.65	42.48	(0.17)	(0.4)
18		1	288	66.38	66.04	(0.34)	(0.5)
19		5	360	78.24	77.82	(0.42)	(0.5)
20		5	720	137.55	136.71	(0.84)	(0.6)
21		5	1,440	256.18	254.50	(1.69)	(0.7)
22		10	720	137.55	136.71	(0.84)	(0.6)
23		10	1,440	256.18	254.50	(1.69)	(0.7)
24		10	2,880	484.60	481.23	(3.37)	(0.7)
25		15	1,080	196.87	195.60	(1.26)	(0.6)
26		15	2,160	374.74	372.21	(2.53)	(0.7)
27		15	4,320	569.46	564.40	(5.06)	(0.9)
28		15	6,480	683.37	675.78	(7.59)	(1.1)

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

DUKE ENERGY OHIO
CASE NO. 24-658-EL-RDR
TYPICAL BILL COMPARISON
CURRENT versus PROPOSED RATES - RIDER BTR
ELECTRIC SERVICE

Schedule B-4
Page 5 of 8

LINE NO.	RATE CODE	LEVEL of DEMAND (A) (kW)	LEVEL of USE (B) (kWh)	BILL DATA		
				CURRENT BILL (1) (C) (\$)	PROPOSED BILL (1) (D) (\$)	DOLLAR INCR/(DECR) (D - C) (E) (\$)
1	DP	100	14,400	2,284.53	2,282.33	(2.20) (0.1)
2		100	28,800	3,387.08	3,382.85	(4.23) (0.1)
3		100	43,200	4,476.12	4,469.86	(6.26) (0.1)
4		200	28,800	4,445.75	4,441.35	(4.40) (0.1)
5		200	57,600	6,650.18	6,641.72	(8.46) (0.1)
6		200	86,400	8,828.26	8,815.74	(12.52) (0.1)
7		300	43,200	6,606.64	6,600.04	(6.60) (0.1)
8		300	86,400	9,913.28	9,900.58	(12.69) (0.1)
9		300	129,600	13,180.41	13,161.62	(18.78) (0.1)
10		500	72,000	10,928.41	10,917.41	(11.00) (0.1)
11		500	144,000	16,439.48	16,418.32	(21.15) (0.1)
12		500	216,000	21,884.69	21,853.39	(31.31) (0.1)
13		800	115,200	17,411.07	17,393.47	(17.60) (0.1)
14		800	230,400	26,228.77	26,194.93	(33.85) (0.1)
15		800	345,600	34,941.12	34,891.04	(50.09) (0.1)
16		1000	144,000	21,732.84	21,710.84	(22.00) (0.1)
17		1000	288,000	32,754.97	32,712.67	(42.31) (0.1)
18		1000	432,000	43,645.41	43,582.80	(62.61) (0.1)
19		1500	216,000	32,537.27	32,504.27	(33.01) (0.1)
20		1500	432,000	49,070.47	49,007.01	(63.46) (0.1)
21		1500	648,000	65,406.13	65,312.21	(93.92) (0.1)
22		3000	432,000	64,950.57	64,884.56	(66.01) (0.1)
23		3000	864,000	97,932.50	97,805.57	(126.92) (0.1)
24		3000	1,296,000	129,426.74	129,238.90	(187.84) (0.1)

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

DUKE ENERGY OHIO
CASE NO. 24-658-EL-RDR
TYPICAL BILL COMPARISON
CURRENT versus PROPOSED RATES - RIDER BTR
ELECTRIC SERVICE

Schedule B-4
Page 6 of 8

LINE NO.	RATE CODE	LEVEL of DEMAND (A) (KVA)	LEVEL of USE (B) (KWH)	BILL DATA		
				CURRENT BILL (1) (C) (\$)	PROPOSED BILL (1) (D) (\$)	DOLLAR INCR/(DECR) (D - C) (E) (\$)
1	TS	1,000	200,000	19,228.05	19,175.93	(52.12) (0.3)
2		1,000	400,000	34,160.85	34,080.10	(80.75) (0.2)
3		2,500	500,000	47,756.51	47,626.20	(130.31) (0.3)
4		2,500	1,000,000	84,592.61	84,390.75	(201.87) (0.2)
5		5,000	1,000,000	94,808.05	94,547.43	(260.62) (0.3)
6		5,000	2,000,000	166,706.47	166,302.74	(403.73) (0.2)
7		10,000	2,000,000	187,137.34	186,616.11	(521.23) (0.3)
8		10,000	4,000,000	330,934.18	330,126.72	(807.46) (0.2)
9		10,000	5,000,000	402,383.51	401,432.93	(950.57) (0.2)
10		10,000	6,000,000	473,666.96	472,573.27	(1,093.69) (0.2)
11		20,000	4,000,000	371,795.92	370,753.46	(1,042.46) (0.3)
12		20,000	8,000,000	659,389.60	657,774.68	(1,614.92) (0.2)
13		20,000	12,000,000	944,855.16	942,667.78	(2,187.38) (0.2)
14		40,000	16,000,000	1,316,300.44	1,313,070.60	(3,229.84) (0.2)
15		40,000	24,000,000	1,887,231.56	1,882,856.80	(4,374.76) (0.2)
16		80,000	32,000,000	2,630,122.12	2,623,662.44	(6,459.68) (0.2)
17		80,000	48,000,000	3,771,984.36	3,763,234.84	(8,749.52) (0.2)
18		160,000	64,000,000	5,257,765.48	5,244,846.12	(12,919.36) (0.2)
19		160,000	96,000,000	7,541,489.96	7,523,990.92	(17,499.04) (0.2)

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

DUKE ENERGY OHIO
CASE NO. 24-658-EL-RDR
TYPICAL BILL COMPARISON
CURRENT versus PROPOSED RATES - RIDER BTR
ELECTRIC SERVICE

Schedule B-4
Page 7 of 8

LINE NO.	RATE CODE	LEVEL of DEMAND (A) (kW)	LEVEL of USE (B) (kWh)	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	33.60	33.84	0.24	0.7
2		NA	100	39.37	39.84	0.48	1.2
3		NA	150	45.13	45.84	0.71	1.6
4		NA	200	50.89	51.84	0.95	1.9
5		NA	250	56.65	57.84	1.19	2.1
6		NA	300	62.42	63.85	1.43	2.3
7		NA	350	68.18	69.85	1.67	2.4
8		NA	400	73.94	75.85	1.91	2.6
9	< 540hrs	NA	50	33.84	34.08	0.24	0.7
10		NA	100	39.84	40.31	0.48	1.2
11		NA	150	45.83	46.55	0.71	1.6
12		NA	200	51.83	52.79	0.95	1.8
13		NA	250	57.83	59.02	1.19	2.1
14		NA	300	63.83	65.26	1.43	2.2
15		NA	350	69.83	71.50	1.67	2.4
16		NA	400	75.83	77.73	1.91	2.5
SFL							
17		NA	50	33.60	33.84	0.24	0.7
18		NA	250	56.64	57.83	1.19	2.1
19		NA	400	73.93	75.83	1.91	2.6

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

DUKE ENERGY OHIO
CASE NO. 24-658-EL-RDR
TYPICAL BILL COMPARISON
CURRENT versus PROPOSED RATES - RIDER BTR
ELECTRIC SERVICE

Schedule B-4
Page 8 of 8

LINE NO.	RATE CODE	LEVEL of DEMAND (A) (kW)	LEVEL of USE (B) (kWh)	BILL DATA			
				CURRENT BILL (1) (C) (\$)	PROPOSED BILL (1) (D) (\$)	DOLLAR INCR/(DECR) (D - C) (E) (\$)	PERCENT INCR/(DECR) (E / C) (F) (%)
UOLS							
1		NA	300	30.14	30.10	(0.05)	(0.2)
2		NA	400	38.60	38.54	(0.06)	(0.2)
3		NA	500	47.06	46.98	(0.08)	(0.2)
4		NA	800	72.43	72.31	(0.12)	(0.2)
5		NA	1,000	89.35	89.20	(0.15)	(0.2)
6		NA	1,500	131.64	131.41	(0.23)	(0.2)
7		NA	2,000	173.92	173.62	(0.30)	(0.2)
8		NA	2,500	215.98	215.60	(0.38)	(0.2)
9		NA	3,000	258.04	257.59	(0.46)	(0.2)
10		NA	3,500	300.10	299.57	(0.53)	(0.2)
11		NA	4,000	342.16	341.55	(0.61)	(0.2)

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

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

Line	Cost Component (a)	Costs												Total for Period (n)
		(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	
1	Network Integrated Transmission Services (NITS)	\$ 15,704,979	\$ 15,198,367	\$ 15,704,979	\$ 15,704,979	\$ 14,185,143	\$ 15,704,979	\$ 15,198,367	\$ 15,704,979	\$ 17,102,722	\$ 17,672,813	\$ 17,672,813	\$ 17,102,722	\$ 192,657,842
2	Schedule 1A - Transmission Owner Scheduling and System Control and Dispatch	\$ 264,299	\$ 255,773	\$ 264,299	\$ 264,299	\$ 238,722	\$ 264,299	\$ 255,773	\$ 264,299	\$ 250,146	\$ 258,484	\$ 258,484	\$ 250,146	\$ 3,089,023
3	Schedule 2 - Reactive Supply and Voltage Control from Generation and Other Sources	604,009	604,009	604,009	604,009	604,009	604,009	604,009	604,009	604,009	604,009	604,009	604,009	\$ 7,248,108
4	Schedule 1A - Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	103	103	103	103	103	103	103	103	103	103	103	103	1,233
5	Schedule 12 - Regional Transmission Expansion Planning (RTEP)	892,081	892,081	892,081	892,081	892,081	892,081	892,081	892,081	892,081	892,081	892,081	892,081	\$ 10,704,974
6	Schedule 12 - RTEP - Order 494	(106,398)	(106,398)	(106,398)	(106,398)	(106,398)	(106,398)	(106,398)	(106,398)	(106,398)	(106,398)	(106,398)	(106,398)	\$ 1,276,780
7	Midwest Transmission Expansion Planning (MTEP)	316,138	316,138	316,138	316,138	316,138	316,138	316,138	316,138	316,138	316,138	316,138	316,138	\$ 3,793,652
8	Day-Ahead Load Response Charge Allocation	8,602	8,602	8,602	8,602	8,602	8,602	8,602	8,602	8,602	8,602	8,602	8,602	\$ 103,228
9	Real-Time Load Response Charge Allocation	359	359	359	359	359	359	359	359	359	359	359	359	\$ 4,308
10	Generation Deactivation Refund	-	-	-	-	-	-	-	-	-	-	-	-	\$ 0
11	PJM Customer Payment Default	-	-	-	-	-	-	-	-	-	-	-	-	\$ 0
12	Non-Firm Point-to-Point (Billing Line 2140)	(20,202)	(20,202)	(20,202)	(20,202)	(20,202)	(20,202)	(20,202)	(20,202)	(20,202)	(20,202)	(20,202)	(20,202)	(\$242,427)
13	PJM Settlement Charge (BLI 1313)	353	353	353	353	353	353	353	353	353	353	353	353	\$ 4,240
14	Miscellaneous Other Includable Charges (e.g., PUCO Consultant Fees)	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Total	\$17,664,323	\$17,149,185	\$17,664,323	\$17,664,323	\$16,118,910	\$17,664,323	\$17,149,185	\$17,664,323	\$19,047,913	\$19,626,342	\$19,626,342	\$19,047,913	\$ 216,087,401

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

Duke Energy Ohio, Inc.
 Base Transmission Rider
 Projected Transmission Costs/Revenue by Month by Rate Schedule
 For the Period October 2024 through September 2025

Case No. 24-658-EL-RDR
 Schedule C-2
 Page 1 of 1

Line	Rate Schedule (a)	Costs												Total for Period (n)
		Oct 2024 (b)	Nov 2024 (c)	Dec 2024 (d)	Jan 2025 (e)	Feb 2025 (f)	Mar 2025 (g)	Apr 2025 (h)	May 2025 (i)	Jun 2025 (j)	Jul 2025 (k)	Aug 2025 (l)	Sep 2025 (m)	
1	Residential (RS, TD, TDCPP, ORH)	\$9,991,484	\$9,991,484	\$9,991,484	\$9,991,484	\$9,991,484	\$9,991,484	\$9,991,484	\$9,991,484	\$9,991,484	\$9,991,484	\$9,991,484	\$9,991,484	\$119,897,808
2	Secondary Distribution (DS)	5,229,702	5,229,702	5,229,702	5,229,702	5,229,702	5,229,702	5,229,702	5,229,702	5,229,702	5,229,702	5,229,702	5,229,702	\$62,756,423
3	Electric Space Heating (EH)	724	724	724	724	724	724	724	724	724	724	724	720	\$8,684
4	Secondary Distribution Service Small (DM)	570,637	570,637	570,637	570,637	570,637	570,637	570,637	570,637	570,637	570,637	570,637	570,636	\$6,847,643
5	Unmetered Small Fixed Loads (GSFL, ADPL)	26,309	26,309	26,309	26,309	26,309	26,309	26,309	26,309	26,309	26,309	26,309	26,305	\$315,704
6	Primary Distribution Voltage (DP)	949,998	949,998	949,998	949,998	949,998	949,998	949,998	949,998	949,998	949,998	949,998	949,994	\$11,399,972
7	Transmission Voltage (TS)	1,237,071	1,237,071	1,237,071	1,237,071	1,237,071	1,237,071	1,237,071	1,237,071	1,237,071	1,237,071	1,237,071	1,237,069	\$14,844,850
8	Lighting	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	\$1,357	\$16,317
9	Total Costs	\$18,007,285	\$18,007,285	\$18,007,285	\$18,007,285	\$18,007,285	\$18,007,285	\$18,007,285	\$18,007,285	\$18,007,285	\$18,007,285	\$18,007,285	\$18,007,266	\$216,087,401

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



Line	Rate Classification	Coincident Peak Demand Allocation		Total Energy Allocation		Allocated Rev Req ⁽⁴⁾ Demand	Allocated Rev Req ⁽⁴⁾ Energy	Total Projected Allocated Rev Req (h)	Allocated Under(Over) Recovery ⁽⁵⁾ (i)	Allocated Carrying Charges ⁽⁶⁾ (j)	Total Allocated Rev Req (k)	Billing Determinants ⁽⁷⁾		Calculated Rate		Rate Including CAT ⁽⁸⁾	
		1 CP (kW) ⁽¹⁾	%	Sales (kWh) ⁽²⁾	%							(l)	(m)	\$/kW-mo	\$/kWh	\$/kW-mo	\$/kWh
1	Residential (RS, TD, TDCPP, ORH)	2,862,635	55.747%	7,244,587,456	37.482%	\$118,739,518	\$1,158,200	\$119,897,808	(\$1,027,522)	(\$147,442)	\$118,722,844		7,244,587,456		0.016388		0.016431
2	Secondary Distribution (DS)	1,489,008	28.997%	6,214,700,682	32.154%	\$61,782,782	\$993,841	\$62,756,423	(\$534,469)	(\$76,692)	\$62,145,282	18,502,575		3.358700		3.367500	
3	Electric Space Heating (EH)	-	0.000%	54,310,914	0.281%	\$0	\$8,684	\$8,684	\$0	\$0	\$8,684		54,310,914		0.000160		0.000160
4	Secondary Distribution Service Small (DM)	162,966	3.174%	544,834,790	2.819%	\$6,780,529	\$87,114	\$6,847,643	(\$58,503)	(\$8,395)	\$6,780,745		544,834,790		0.012446		0.012478
5	Unmetered Small Fixed Loads (GSFL, ADPL)	7,479	0.146%	20,531,773	0.153%	\$310,976	\$4,728	\$315,704	(\$2,691)	(\$386)	\$312,827	20,531,773		0.010586		0.010614	
6	Primary Distribution Voltage (DP)	267,367	5.207%	1,933,954,757	10.006%	\$11,090,761	\$309,211	\$11,399,972	(\$95,975)	(\$13,772)	\$11,290,225	4,280,713		2.637500		2.644400	
7	Transmission Voltage (TS)	345,545	6.720%	3,203,900,064	16.577%	\$14,332,578	\$512,272	\$14,844,850	(\$124,028)	(\$17,707)	\$14,703,025	5,554,838		2.646900		2.653800	
8	Lighting	-	0.000%	102,053,855	0.528%	\$0	\$16,317	\$16,317	\$0	\$0	\$16,317		102,053,855		0.000160		0.000160
9	Total	5,135,000	100.000%	19,327,883,291	100.000%	\$212,997,144	\$3,090,257	\$216,087,401	(\$1,843,188)	(\$64,484)	\$213,979,729						

Notes: (1) Allocation of demand-related charges based on terms of Stipulation approved in Case No. 17-1283-EL-SSO, et al., page 35. 1 CP is based on 12 months ended December 31, 2023 kWh and Load Research data.

(2) Energy based on actual data for the 12 months ended 5/31/2024. Demand based on actual data for the 12 months ended 5/31/2024.

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

(3) Calculated rate including the Commercial Activities Tax at an effective rate of 0.26008%.

(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, and PJM Settlement Charge.. 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.

Line	Rate Classification (a)	12 CP (kW) ⁽¹⁾ (b)	Coincident Peak Allocation Percentages (c)	Allocated Rev Req Sch 12 ⁽⁸⁾ (d)	Allocated (Under)Over Recovery ⁽⁶⁾ (e)	Allocated Carrying Charges ⁽⁷⁾ (f)	Total Allocated Rev Req (g)	Billing Determinants ⁽²⁾ Energy (h)	Calculated Rate \$/kWh ⁽³⁾ (i)	Rate Including CAT ⁽⁵⁾ \$/kWh (j)
1	Residential (RS, TD, TDCPP, ORH)	1,987,238	47.830%	\$4,509,506	\$293,477	\$150,672	\$4,953,655	7,244,587,456	(0.000684)	(0.000686)
2	Non-Residential:									
3	Secondary Distribution (DS)	1,352,171	32.545%	\$3,068,406	\$199,692	\$102,523	\$3,370,621	6,214,700,682		(0.000448)
4	Electric Space Heating (EH)	11,533	0.278%	\$26,210	\$1,706	\$876	\$28,792	54,310,914		(0.000448)
5	Secondary Distribution Service Small (DM)	130,473	3.140%	\$296,045	\$19,267	\$9,892	\$325,204	544,834,790		(0.000448)
6	Unmetered Small Fixed Loads (GSFL, ADPL)	7,552	0.182%	\$17,159	\$1,117	\$573	\$18,849	29,531,773		(0.000448)
7	Primary Distribution Voltage (DP)	266,598	6.417%	\$605,007	\$39,374	\$20,215	\$664,596	1,933,954,757		(0.000448)
8	Transmission Voltage (TS)	396,275	9.538%	\$899,261	\$58,524	\$30,046	\$987,831	3,203,909,064		(0.000448)
9	Lighting	2,909	0.070%	\$6,600	\$430	\$221	\$7,251	102,053,855		(0.000448)
10	Sub-Total Non-Residential	2,167,511	52.170%	\$4,918,688	\$320,110	\$164,346	\$5,403,144	12,083,295,835	(0.000447)	(0.000448)
11	Total Duke Energy Ohio	4,154,749	100.000%	\$9,428,194	\$613,587	315,018	\$10,356,799	19,327,883,291		

- Notes: (1) 12 CP is based on 12 months ended December 31, 2023 kWh and Load Research data.
 (2) Energy based on actual data for the 12 months ended 5/31/2024. 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 \$108,120,632. 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-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	PJM Line #
1	Network Integration Transmission Services (NITS)	12,545,700.31	15,239,671.29	14,225,873.34	13,699,319.07	14,155,963.12	13,699,207.26	14,155,616.79	13,917,603.18	13,019,694.27	13,917,604.38	13,469,105.47	13,921,624.75	1100
2	Schedule 1A - Transmission Owner Scheduling and System Control and Dispatch	249,994.33	337,163.26	314,779.95	261,789.99	237,960.98	244,660.22	266,618.19	304,364.08	248,898.88	247,508.62	236,536.77	266,140.56	1320
3	Schedule 2 - Reactive Supply and Voltage Control from Generation and Other Sources	476,655.31	563,995.56	522,551.69	524,596.46	533,112.89	527,803.44	524,190.59	602,863.45	601,488.17	603,055.45	601,541.11	604,009.01	1330
4	Schedule 1A - Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	447.34	346.83	11.89	(638.75)	(103.34)	(30.04)	394.76	278.34	201.10	(130.29)	303.30	180.28	1450
5	Schedule 12 - Regional Transmission Expansion Planning (RTEP)	769,095.86	906,251.22	844,102.22	839,816.23	839,816.26	839,809.23	716,752.16	888,921.02	891,826.85	891,827.11	891,850.89	892,081.14	1108
6	Schedule 12 - RTEP - Order 494	(98,219.12)	(115,734.94)	(107,798.05)	(107,250.66)	(107,250.65)	(107,249.83)	(107,248.06)	(106,376.12)	(106,376.14)	(106,376.14)	(106,379.62)	(106,398.36)	1115
7	Midwest Transmission Expansion Planning (MTEP)	332,834.85	332,834.88	332,834.89	332,834.88	332,834.85	332,834.08	332,832.47	316,137.70	316,137.74	316,137.73	316,140.98	316,137.67	1109A
8	Day-Ahead Load Response Charge Allocation	3,956.14	6,854.13	19,454.87	5,692.15	12,081.51	13,910.74	7,573.78	59,359.36	2,913.65	4,048.37	817.68	8,602.32	1242
9	Real-Time Load Response Charge Allocation	(447.73)	616.93	1,764.80	2,280.64	1,218.71	(606.78)	(397.54)	3,751.88	173.52	56.43	96.79	359.02	1243
10	Generation Deactivation Refund	-	-	-	-	-	-	-	-	-	-	-	-	1930
11	PJM Customer Payment Default	(3,279.83)	-	-	-	-	-	-	-	-	-	-	-	1999
12	Non-Firm Point-to-Point (Billing Line 2140)	(28,508.06)	(28,857.76)	(27,475.20)	(28,079.29)	(18,062.69)	(20,656.99)	(34,099.75)	(31,341.81)	(24,323.91)	(25,574.25)	(19,794.24)	(20,202.23)	2140
13	Miscellaneous Bilateral	-	-	-	-	-	-	-	-	-	-	-	-	
14	PJM Settlement Charge (BLI 1313)	293.88	276.68	324.37	290.35	282.39	315.28	371.20	317.78	289.74	383.00	335.78	353.31	1313
15	Sub Total Transmission Charges	\$14,248,523.28	\$17,243,418.08	\$16,126,424.77	\$15,530,651.07	\$ 15,987,854.03	\$15,529,996.61	15,862,604.59	\$15,955,878.86	\$14,950,923.87	\$ 15,848,540.41	\$ 15,390,554.91	15,882,887.47	
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	\$14,248,523.28	\$17,243,418.08	\$16,126,424.77	\$15,530,651.07	\$15,987,854.03	\$15,529,996.61	15,862,604.59	\$15,955,878.86	\$14,950,923.87	\$ 15,848,540.41	\$ 15,390,554.91	15,882,887.47	

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

Line	Description	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24
Rate Schedule													
1	Secondary Distribution Service Small (DM)	\$549,111.32	\$562,536.53	\$548,693.17	\$469,036.53	\$538,935.03	\$583,203.65	\$587,881.35	\$638,333.52	\$574,551.15	\$590,202.77	\$455,740.88	\$593,510.00
2	Primary Distribution Voltage (DP)	1,039,733.72	1,276,760.61	1,029,502.59	925,408.12	881,710.38	1,070,819.70	847,258.69	1,038,508.30	862,152.07	976,214.24	737,155.91	1,034,054.46
3	Secondary Distribution (DS)	5,893,730.94	5,565,845.63	4,744,079.06	4,271,986.15	5,020,830.80	5,702,284.49	5,559,011.80	4,951,582.26	4,757,810.06	5,381,960.39	4,616,629.20	5,326,130.02
4	Electric Space Heating (EH)	(498.73)	(177.27)	228.00	(351.72)	(667.87)	(228.91)	(832.66)	(961.17)	(1,465.94)	(1,051.23)	(573.37)	(1,127.54)
5	Unmetered Small Fixed Loads (GSFL, ADPL)	27,163.83	25,996.01	22,812.98	20,106.63	13,375.22	15,877.46	12,448.28	13,131.35	12,419.03	13,725.28	11,780.33	14,107.65
6	Lighting	(1,696.92)	(2,897.49)	(2,407.92)	(1,928.84)	(957.11)	(722.15)	(1,479.63)	(861.86)	(1,374.25)	(1,067.51)	(1,317.34)	(397.75)
7	Residential (RS, TD, ORH)	8,013,209.06	8,924,433.58	8,902,758.87	7,199,420.00	5,903,784.86	6,458,835.70	7,421,200.46	8,892,759.78	7,646,174.35	6,606,473.98	5,119,343.44	6,486,674.80
8	Transmission Voltage (TS)	1,229,048.94	1,535,456.69	1,454,074.32	1,135,358.69	1,004,897.48	1,774,878.09	1,610,168.56	1,009,541.52	1,216,530.33	850,678.93	1,801,988.35	1,511,060.32
9	Total Revenue	\$16,749,802.16	\$17,887,954.29	\$16,699,741.07	\$14,019,035.56	\$13,361,908.79	\$15,604,948.03	\$16,035,656.85	\$16,542,033.70	\$15,066,796.80	\$14,417,136.85	\$12,740,747.40	\$14,964,011.96
10	BTR Revenues	\$17,615,849.35	\$18,820,862.33	\$17,539,039.16	\$14,794,919.66	\$13,906,717.03	\$16,070,863.93	\$16,626,675.10	\$17,177,108.81	\$15,642,405.53	\$14,926,097.70	\$13,285,796.78	\$15,531,590.25
11	CAT Tax @ 0.26%	(\$45,682.43)	(\$48,807.34)	(\$45,483.25)	(\$38,367.04)	(\$36,063.70)	(\$41,675.89)	(\$43,117.25)	(\$44,544.67)	(\$40,564.79)	(\$38,707.22)	(\$34,453.49)	(\$40,277.41)
12	BTR Revenue excluding CAT Tax	\$17,570,166.92	\$18,772,054.99	\$17,493,555.91	\$14,756,552.62	\$13,870,653.33	\$16,029,188.04	\$16,583,557.85	\$17,132,564.14	\$15,601,840.74	\$14,887,390.48	\$13,251,343.29	\$15,491,312.84
13	RTEP Credit	(\$866,047.19)	(\$932,908.04)	(\$839,298.09)	(\$775,884.10)	(\$544,808.24)	(\$465,915.90)	(\$591,018.25)	(\$635,075.11)	(\$575,608.73)	(\$508,960.85)	(\$545,049.38)	(\$567,578.29)
14	CAT Tax @ 0.26%	\$2,245.88	\$2,419.27	\$2,176.52	\$2,012.07	\$1,412.83	\$1,208.24	\$1,532.66	\$1,646.91	\$1,492.70	\$1,319.87	\$1,413.45	\$1,471.88
15	RTEP Credit excluding CAT Tax	(\$863,801.31)	(\$930,488.77)	(\$837,121.57)	(\$773,872.03)	(\$543,395.41)	(\$464,707.66)	(\$589,485.59)	(\$633,428.20)	(\$574,116.03)	(\$507,640.98)	(\$543,635.93)	(\$566,106.41)

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

Line	Description	Reference	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Total
BTR Reconciliation															
1	Transmission Charges	Sch D-1, Line 13	\$14,248,523.28	\$17,243,418.08	\$16,126,424.77	\$15,530,651.07	\$15,987,854.03	\$15,529,996.61	\$15,862,604.59	\$15,955,878.86	\$14,950,923.87	\$15,848,540.41	\$15,390,554.91	\$15,882,887.47	\$188,558,257.95
2	Revenue Collected in BTR	Sch D-2, Line 12	17,570,166.92	18,772,054.99	17,493,555.91	14,756,552.62	13,870,653.33	16,029,188.04	16,583,557.85	17,132,564.14	15,801,840.74	14,887,390.48	13,251,343.29	15,491,312.84	191,440,181.15
3	Current Month Over- (Under-) Collection		\$3,321,643.64	\$1,528,636.91	\$1,367,131.14	(\$774,098.46)	(\$2,117,200.70)	\$499,191.43	\$720,953.26	\$1,176,685.28	\$850,916.87	(\$961,149.03)	(\$2,139,211.62)	(\$391,574.63)	\$2,881,923.20
4	Prior Period Over (Under) Collection ⁽¹⁾		(787,284.92)	(787,284.92)	(787,284.92)		637,273.33	637,273.33	637,273.33	637,273.33	637,273.33	637,273.33	637,273.33	637,273.33	1,949,046.96
5	Carrying Charges from prior period ⁽²⁾		(69,585.42)	(69,585.42)	(69,585.42)		(13,096.08)	(13,096.08)	(13,096.08)	(13,096.08)	(13,096.08)	(13,096.08)	(13,096.08)	(13,096.08)	(383,110.32)
6	Over- (Under-) Collection from prior filing														
7	Net Over (Under) Collection to Include in Rates	To Sch. D-3, Page 2	\$2,464,773.30	\$871,766.57	\$510,260.80	(\$1,630,968.79)	(\$1,493,023.45)	\$1,123,388.68	\$1,345,130.51	\$1,800,862.53	\$1,275,094.12	(\$336,972.68)	(\$1,515,034.37)	\$232,802.82	\$4,447,859.84
RTEP Credit Reconciliation															
8	RTEP Charges to be Refunded	Sch D-1, Lines 5 & 6	(870,876.74)	(790,516.28)	(736,304.17)	(732,565.57)	(732,565.61)	(732,559.40)	(809,504.10)	(782,544.90)	(785,450.71)	(785,450.97)	(785,471.27)	(785,682.78)	(\$8,929,482.50)
9	Revenue Refunded in RTEP Credit	Sch D-2, Line 15	(863,801.31)	(930,488.77)	(837,121.57)	(773,872.03)	(543,395.41)	(484,707.66)	(589,485.59)	(633,428.20)	(574,116.03)	(507,840.98)	(543,635.93)	(566,106.41)	(7,827,799.89)
10	Current Month Over- (Under-) Collection		(\$192,924.57)	(\$139,972.49)	(\$100,817.40)	(\$41,306.48)	\$189,170.20	\$267,851.74	\$20,018.51	\$149,116.70	\$211,334.68	\$277,809.99	\$241,835.34	\$219,578.37	\$1,101,682.61
11	Prior Period Over (Under) Collection ⁽³⁾		1,347.25	1,347.25	1,347.25	1,347.25	(126,723.58)	(126,723.58)	(126,723.58)	(126,723.58)	(126,723.58)	(126,723.58)	(126,723.58)	(126,723.58)	(1,008,399.64)
12	Carrying Charges from prior period ⁽⁴⁾		42,942.00	42,942.00	42,942.00	42,942.00	26,537.25	26,537.25	26,537.25	26,537.25	26,537.25	26,537.25	26,537.25	26,537.25	384,086.00
13	Over- (Under-) Collection from prior filing														
14	Net Over (Under) Collection to Include in Rates	To Sch. D-3, Page 2	(\$148,636.32)	(\$95,683.24)	(\$56,528.15)	\$2,982.79	\$88,983.87	\$167,665.41	(\$80,167.82)	\$48,930.37	\$111,148.35	\$177,623.66	\$141,649.01	\$119,390.04	\$477,358.97

Notes: (1) June - September 2023 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 22-617-EL-RDR.
 October 2023 - May 2024 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 23-457-EL-RDR.
 (2) June - September 2023 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3 in Case No. 22-617-EL-RDR.
 October 2023 - May 2024 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3 in Case No. 23-457-EL-RDR.
 (3) June - September 2023 represents one-twelfth of the under (over) recovered balance included on Schedule C-3a in Case No. 22-617-EL-RDR.
 October 2023 - May 2024 represents one-twelfth of the under (over) recovered balance included on Schedule C-3a in Case No. 23-457-EL-RDR.
 (4) June - September 2023 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3a in Case No. 22-617-EL-RDR.
 October 2023 - May 2024 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3a in Case No. 23-457-EL-RDR.

Duke Energy Ohio, Inc.
 Base Transmission Rider
 Monthly Over and Under Recovery
 For the Period June 1, 2024 through September 30, 2024
 Data: Projected & Actual

Case No. 24-658-EL-RDR
 Schedule D-3
 Page 2 of 2

Line	Description	Reference	Projected						Actual	Total
			Jun-24	Jul-24	Aug-24	Sep-24	Projected			
BTR Reconciliation										
1	Transmission Charges	WPD-1a	17,157,710.21	17,664,322.21	17,664,322.21	17,157,710.21	69,644,084.84	\$188,558,257.95	\$258,202,322.79	
2	Revenue Collected in BTR ⁽⁴⁾	Company Records	14,891,569.38	14,473,031.81	17,934,093.51	17,243,989.67	84,542,684.37	\$191,440,181.15	\$255,982,885.52	
3	Current Month Over- (Under-) Collection		(\$2,286,140.83)	(\$3,191,280.40)	\$269,771.30	\$88,279.46	(\$5,101,380.47)	\$2,881,923.20	(\$2,219,457.27)	
4	Prior Period Over (Under) Collection ⁽¹⁾		637,273.33	637,273.33	637,273.33	637,273.33	2,549,093.32	\$1,949,046.96	\$4,498,140.28	
5	Carrying Charges from prior period ⁽²⁾		(13,096.08)	(13,096.08)	(13,096.08)	(13,096.08)	(52,384.32)	(\$383,110.32)	(\$435,494.64)	
6	Over- (Under-) Collection from prior filing									
7	Net Over (Under) Collection to Include in Rates	To Sch. C-3	(\$1,641,663.58)	(\$2,567,113.15)	\$893,948.55	\$710,456.71	(\$2,604,671.47)	\$4,447,859.84	\$1,443,188.37	
RTEP Credit Reconciliation										
8	RTEP Charges to be Refunded	WPD-1a	(785,682.78)	(785,682.78)	(785,682.78)	(785,682.78)	(3,142,731.12)	(8,929,462.50)	(12,072,223.62)	
9	Revenue Refunded in RTEP Credit ⁽⁴⁾	Company Records	(681,433.74)	(638,170.02)	(705,128.22)	(681,026.12)	(2,605,758.10)	(7,827,799.89)	(10,433,567.99)	
10	Current Month Over- (Under-) Collection		\$204,249.04	\$147,512.76	\$80,554.56	\$104,656.66	\$536,973.02	\$1,101,662.61	\$1,638,666.63	
11	Prior Period Over (Under) Collection ⁽¹⁾		(128,723.58)	(128,723.58)	(128,723.58)	(128,723.58)	(506,894.32)	(1,008,399.64)	(1,515,293.96)	
12	Carrying Charges from prior period ⁽³⁾		26,537.25	26,537.25	26,537.25	26,537.25	106,149.00	384,066.00	\$490,215.00	
13	Over- (Under-) Collection from prior filing									
14	Net Over (Under) Collection to Include in Rates	To Sch. C-3a	\$104,062.71	\$47,326.43	(\$19,631.77)	\$4,470.33	\$136,227.70	\$477,358.97	\$613,586.67	

Notes: (1) June - September 2024 represents one-twelfth of the Allocated Under(Over) Recovery included on Schedule C-3 or C-3a from Case No. 23-457-EL-RDR.

(2) June - September 2024 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3 in Case No. 23-457-EL-RDR.

(3) June - September 2024 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3a in Case No. 23-457-EL-RDR.

(4) June - September 2024 estimated using rates approved in Case No. 23-457-EL-RDR applied to 2023 billing determinants.

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

Duke Energy Ohio, Inc.
 Base Transmission Rider
 Carrying Costs Calculation
 For the Period June 1, 2023 through May 31, 2024
 Data: Actual

Case No. 24-658-EL-RDR
 Schedule D-3a
 Page 1 of 2

Line	Description	Reference	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24
1	BTR													
2	Monthly Balances													
3	Beginning Balance of Over- (Under-) Recovery		\$1,504,865.99	\$4,837,483.63	\$6,385,540.54	\$7,777,177.68	\$7,028,698.23	\$4,932,193.53	\$5,449,348.96	\$8,190,443.22	\$7,390,628.50	\$8,068,294.37	\$7,133,448.44	\$5,015,257.82
4	Current Month Over- (Under-) Collection	Sch D-3, Pg 1, Line 3	\$3,321,643.64	1,528,636.91	1,367,131.14	(774,098.45)	(2,117,200.70)	499,191.43	720,653.26	1,176,685.28	650,916.87	(961,149.93)	(2,139,211.62)	(391,574.63)
5	Carrying Charge (a)	To Sch. C-3	10,074.00	19,420.00	24,506.00	25,619.00	20,696.00	17,084.00	20,141.00	23,500.00	26,749.00	26,304.00	21,021.00	16,707.00
6	Ending Balance		\$4,837,483.63	\$6,385,540.54	\$7,777,177.68	\$7,028,698.23	\$4,932,193.53	\$5,449,348.96	\$8,190,443.22	\$7,390,628.50	\$8,068,294.37	\$7,133,448.44	\$5,015,257.82	\$4,640,390.19
7	RTEP Credit													
8	Monthly Balances													
9	Beginning Balance of Over- (Under-) Recovery		\$5,138,713.99	\$4,981,262.42	\$4,838,245.93	\$4,754,026.53	\$4,729,129.07	\$4,935,021.27	\$5,220,445.01	\$5,258,595.52	\$5,426,200.22	\$5,656,711.90	\$5,954,612.89	\$6,217,510.23
10	Current Month Over- (Under-) Collection	Sch D-3, Pg 1, Line 10	(192,924.57)	(139,972.49)	(100,817.40)	(41,306.46)	189,170.20	267,851.74	20,018.51	149,118.70	211,334.68	277,800.99	241,835.34	219,576.37
11	Carrying Charge (a)	To Sch. C-3a	17,473.00	18,056.00	18,598.00	18,409.00	16,722.00	17,572.00	18,132.00	18,488.00	19,177.00	20,091.00	21,062.00	21,935.00
12	Ending Balance		\$4,981,262.42	\$4,838,245.93	\$4,754,026.53	\$4,729,129.07	\$4,935,021.27	\$5,220,445.01	\$5,258,595.52	\$5,426,200.22	\$5,656,711.90	\$5,954,612.89	\$6,217,510.23	\$6,459,021.60

(a) Long term debt rate at 4.16% from Case No. 21-0887-EL-AIR, effective January 2023.

Duke Energy Ohio, Inc.
 Base Transmission Rider
 Carrying Costs Calculation
 For the Period June 1, 2024 through September 30, 2024
 Data: Projected

Case No. 24-658-EL-RDR
 Schedule D-3a
 Page 2 of 2

Line	Description	Reference	Projected			
			Jun-24	Jul-24	Aug-24	Sep-24
1	BTR					
2	Monthly Balances					
3	Beginning Balance of Over- (Under-) Recovery		\$4,640,390.19	\$2,386,408.36	(\$802,141.04)	(\$534,682.74)
4	Current Month Over- (Under-) Collection	Sch D-3, Pg 2, Line 3	(\$2,268,140.83)	(\$3,191,290.40)	\$269,771.30	\$86,279.46
5	Carrying Charge (a)	To Sch. C-3	12,150.00	2,741.00	(2,313.00)	(1,704.00)
6	Ending Balance		\$2,386,408.36	(\$802,141.04)	(\$534,682.74)	(\$450,107.28)
7	RTEP Credit					
8	Monthly Balances					
9	Beginning Balance of Over- (Under-) Recovery		\$6,459,021.60	\$6,686,015.64	\$6,856,982.40	\$6,961,426.96
10	Current Month Over- (Under-) Collection	Sch D-3, Pg 2, Line 10	\$204,249.04	\$147,512.76	\$80,554.56	\$104,656.66
11	Carrying Charge (a)	To Sch. C-3a	22,745.00	23,434.00	23,910.00	24,314.00
12	Ending Balance		\$6,686,015.64	\$6,856,982.40	\$6,961,426.96	\$7,090,397.62

(a) Long term debt rate at 4.16% from Case No. 21-0887-EL-AIR, effective January 2023.

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

7/15/2024 11:05:00 AM

in

Case No(s). 24-0658-EL-RDR

Summary: Application of Duke Energy Ohio, Inc. to Adjust and set the Rates for Rider BTR electronically filed by Ms. Emily Olive on behalf of Duke Energy Ohio and D'Ascenzo, Rocco O. Mr. and Kingery, Jeanne W. Ms. and Vaysman, Larisa M. Ms. and Akhbari, Elyse H. Ms..