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. 21-713-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 offer[1] 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

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[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 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.[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.

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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[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).

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

Duke Energy Ohio respectfully requests that the Commission approve this Application and the attached tariff and rates for Rider BTR and order rates to be effective September 30, 2021.

Respectfully submitted,

DUKE ENERGY OHIO, INC.

/s/ *Jeanne W. Kingery*
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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.

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	$0.012173
Rate ORH, Optional Residential Service With Electric Space Heating	
All kWh	$1.012173
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering	
All kWh	$0.012173
Rate TD, Optional Time-of-Day Rate	
All kWh	$0.012173
Rate CUR, Common Use Residential Rate	
All kWh	$0.012173
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering	
All kWh	$0.012173
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering	
All kWh	$0.012173

BTR Charge Tariff Sheet	BTR Charge (per kWh\kW)
Rate DS, Service at Secondary Distribution Voltage	
All kW	$2.906200
Rate GS-FL, Optional Unmetered For Small Fixed Loads	
All kWh	$0.008917
Rate EH, Optional Rate For Electric Space Heating	
All kWh	$0.000181
Rate DM, Secondary Distribution Service, Small	
All kWh	$0.010093
Rate DP, Service at Primary Distribution Voltage	
All kW	$2.749100
Rate SFL–ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	
All kWh	$0.008917
Rate TS, Service at Transmission Voltage	
All kVA	$2.286100
Rate SL, Street Lighting Service	
All kWh	$0.000182
Rate TL, Traffic Lighting Service	
All kWh	$0.000182
Rate OL, Outdoor Lighting Service	
All kWh	$0.000182
Rate NSU, Street Lighting Service for Non-Standard Units	
All kWh	$0.000182
Rate NSP, Private Outdoor Lighting for Non-Standard Units	
All kWh	$0.000182
Rate SC, Street Lighting Service - Customer Owned	
All kWh	$0.000182
Rate SE, Street Lighting Service - Overhead Equivalent	
All kWh	$0.000182
Rate UOLS, Unmetered Outdoor Lighting Electric Service	
All kWh	$0.000182
Rate LED, LED Outdoor Electric Lighting Service	
All kWh	$0.000182

Filed pursuant to an Order dated _____ in Case No. 21-713-EL-RDR before the Public Utilities Commission of Ohio.

Issued: _____ Effective: September 30, 2021

Issued by Amy B. Spiller, President

RTEP Credit

Tariff Sheet	RTEP Credit (per kWh)
Rate RS, RSLI, RS3P, Residential Service	$0.000793
Rate ORH, Optional Residential Service With Electric Space Heating	$0.000793
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering	$0.000793
Rate TD, Optional Time-of-Day Rate	$0.000793
Rate CUR, Common Use Residential Rate	$0.000793
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering	$0.000793
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering	$0.000793
Rate DS, Service at Secondary Distribution Voltage	$0.000559
Rate EH, Optional Rate For Electric Space Heating	$0.000559
Rate DM, Secondary Distribution Service, Small	$0.000559
Rate DP, Service at Primary Distribution Voltage	$0.000559
Rate GS-FL, Optional Unmetered For Small Fixed Loads	$0.000559
Rate SFL–ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	$0.000559
Rate TS, Service at Transmission Voltage	$0.000559
Rate SL, Street Lighting Service	$0.000559
Rate TL, Traffic Lighting Service	$0.000559
Rate OL, Outdoor Lighting Service	$0.000559
Rate NSU, Street Lighting Service for Non-Standard Units	$0.000559
Rate NSP, Private Outdoor Lighting for Non-Standard Units	$0.000559
Rate SC, Street Lighting Service - Customer Owned	$0.000559
Rate SE, Street Lighting Service - Overhead Equivalent	$0.000559
Rate UOLS, Unmetered Outdoor Lighting Electric Service	$0.000559
Rate LED, LED Outdoor Electric Lighting Service	$0.000559

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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.

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	$~~0.010424~~0.012173
Rate ORH, Optional Residential Service With Electric Space Heating	
All kWh	$~~0.010424~~1.012173
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering	
All kWh	$~~0.010424~~0.012173
Rate TD, Optional Time-of-Day Rate	
All kWh	$~~0.010424~~0.012173
Rate CUR, Common Use Residential Rate	
All kWh	$~~0.010424~~0.012173
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering	
All kWh	$~~0.010424~~0.012173
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering	
All kWh	$~~0.010424~~0.012173

Filed pursuant to an Order dated ~~September 23, 2020~~ in Case No. ~~20-1151~~21-713-EL-RDR before the Public Utilities Commission of Ohio.

Issued: ~~September 24, 2020~~

Effective: ~~September 29, 2020~~ September 30, 2021

Issued by Amy B. Spiller, President

BTR Charge Tariff Sheet	BTR Charge (per kWh\kW)
Rate DS, Service at Secondary Distribution Voltage	
All kW	$~~2.682600~~2.906200
Rate GS-FL, Optional Unmetered For Small Fixed Loads	
All kWh	$~~0.008023~~0.008917
Rate EH, Optional Rate For Electric Space Heating	
All kWh	$~~0.000189~~0.000181
Rate DM, Secondary Distribution Service, Small	
All kWh	$~~0.009395~~0.010093
Rate DP, Service at Primary Distribution Voltage	
All kW	$~~2.343700~~2.749100
Rate SFL–ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	
All kWh	$~~0.008023~~0.008917
Rate TS, Service at Transmission Voltage	
All kVA	$~~2.560300~~2.286100
Rate SL, Street Lighting Service	
All kWh	$~~0.000189~~0.000182
Rate TL, Traffic Lighting Service	
All kWh	$~~0.000189~~0.000182
Rate OL, Outdoor Lighting Service	
All kWh	$~~0.000189~~0.000182
Rate NSU, Street Lighting Service for Non-Standard Units	
All kWh	$~~0.000189~~0.000182
Rate NSP, Private Outdoor Lighting for Non-Standard Units	
All kWh	$~~0.000189~~0.000182
Rate SC, Street Lighting Service - Customer Owned	
All kWh	$~~0.000189~~0.000182
Rate SE, Street Lighting Service - Overhead Equivalent	
All kWh	$~~0.000189~~0.000182
Rate UOLS, Unmetered Outdoor Lighting Electric Service	
All kWh	$~~0.000189~~0.000182
Rate LED, LED Outdoor Electric Lighting Service	
All kWh	$~~0.000189~~0.000182

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Issued: ~~September 24, 2020~~ Effective: ~~September 29, 2020~~ September 30, 2021

Issued by Amy B. Spiller, President

RTEP Credit

Tariff Sheet	RTEP Credit (per kWh)
Rate RS, RSLI, RS3P, Residential Service	$~~0.000831~~0.000793
Rate ORH, Optional Residential Service With Electric Space Heating	$~~0.000831~~0.000793
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering	$~~0.000831~~0.000793
Rate TD, Optional Time-of-Day Rate	$~~0.000831~~0.000793
Rate CUR, Common Use Residential Rate	$~~0.000831~~0.000793
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering	$~~0.000831~~0.000793
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering	$~~0.000831~~0.000793
Rate DS, Service at Secondary Distribution Voltage	$~~0.000549~~0.000559
Rate EH, Optional Rate For Electric Space Heating	$~~0.000549~~0.000559
Rate DM, Secondary Distribution Service, Small	$~~0.000549~~0.000559
Rate DP, Service at Primary Distribution Voltage	$~~0.000549~~0.000559
Rate GS-FL, Optional Unmetered For Small Fixed Loads	$~~0.000549~~0.000559
Rate SFL–ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	$~~0.000549~~0.000559
Rate TS, Service at Transmission Voltage	$~~0.000549~~0.000559
Rate SL, Street Lighting Service	$~~0.000549~~0.000559
Rate TL, Traffic Lighting Service	$~~0.000549~~0.000559
Rate OL, Outdoor Lighting Service	$~~0.000549~~0.000559
Rate NSU, Street Lighting Service for Non-Standard Units	$~~0.000549~~0.000559
Rate NSP, Private Outdoor Lighting for Non-Standard Units	$~~0.000549~~0.000559
Rate SC, Street Lighting Service - Customer Owned	$~~0.000549~~0.000559
Rate SE, Street Lighting Service - Overhead Equivalent	$~~0.000549~~0.000559
Rate UOLS, Unmetered Outdoor Lighting Electric Service	$~~0.000549~~0.000559
Rate LED, LED Outdoor Electric Lighting Service	$~~0.000549~~0.000559

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Issued: ~~September 24, 2020~~ Effective: ~~September 29, 2020~~ September 30, 2021

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 2021 through September 2022

Line	Description	Costs 10/1/2021 - 9/30/2022	Note	Allocation Basis
	Costs Included in Rider BTR			
1	Network Integrated Transmission Services (NITS)	$ 141,482,735	(1)	Demand
2	Schedule 1A - Transmission Owner Scheduling and System Control and Dispatch	3,543,284	(4)	Energy
3	Schedule 2 - Reactive Supply and Voltage Control from Generation and Other Sources	7,598,160	(2)	Demand
4	Schedule 1A - Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	2,465	(4)	Energy
5	Schedule 12 - Regional Transmission Expansion Planning (RTEP)	10,958,100	(2)	Demand
6	Schedule 12 - RTEP - Order 494	(1,274,520)	(5)	Demand
7	Midwest Transmission Expansion Planning (MTEP)	4,178,388	(2)	Demand
8	Day-Ahead Load Response Charge Allocation	10,122	(3)	Demand
9	Real-Time Load Response Charge Allocation	3,295	(3)	Demand
10	Generation Deactivation Refund	-	(3)	Demand
11	PJM Customer Payment Default	6,501	(3)	Demand
12	Non-Firm Point-to-Point (Billing Line 2140)	(119,098)	(3)	Demand
13	**Total Costs Recoverable in Rider BTR**	$ 166,389,432		
14	RTEP Credit	$ (9,683,580)		
15	**Total Net Costs Recoverable in Rider BTR**	$ 156,705,852		

Notes: (1) Projection based on Attachment H-22A filed with FERC on May 15, 2021. In addition, the months of June through September 2022 include an increase of 9.31% for the projected increase in the NITS rate effective in June.
(2) Projection based on annualization of actual amount per PJM invoice for May 2021.
(3) Annualized invoice charges supplied by PJM for the period June 2020 through May 2021.
(4) Annualized invoice charges supplied by PJM for the period June 2020 through May 2021, decreased by 4.69% based on the Schedule 1A rate per the Attachment H-22A filing in May 2021.
(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 2021 through September 2022

Line	Rate Schedule	Proposed Rate		Current Rate		Billing Determinants[1]		Proposed Revenues	Current Revenues[2]	Variance	Percentage
		$/kW-month	$/kWh[3]	$/kW-month	$/kWh[3]	kW	kWh	$	$	$	Change
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1	Residential (RS, TD, ORH)		0.011380		0.009593		7,651,378,711	$ 87,072,689.73	$ 73,399,675.97	$ 13,673,013.76	18.63%
2	Secondary Distribution (DS)	2.906200	(0.000559)	2.682600	(0.000549)	17,843,590	5,978,464,957	48,515,079.35	44,585,037.27	3,930,042.08	8.81%
3	Electric Space Heating (EH)		(0.000378)		(0.000360)		57,289,431	(21,655.40)	(20,624.20)	(1,031.20)	-5.00%
4	Secondary Distribution Service Small (DM)		0.009534		0.008846		612,057,793	5,835,359.00	5,414,263.24	421,095.76	7.78%
5	Unmetered Small Fixed Loads (GSFL, ADPL)		0.008358		0.007474		29,888,184	249,805.44	223,384.29	26,421.15	11.83%
6	Primary Distribution Voltage (DP)	2.749100	(0.000559)	2.343700	(0.000549)	4,532,809	1,973,749,571	11,357,819.21	9,539,955.94	1,817,863.27	19.06%
7	Transmission Voltage (TS)	2.286100	(0.000559)	2.560300	(0.000549)	6,492,702	3,114,199,278	13,102,128.65	14,913,569.53	(1,811,440.88)	-12.15%
8	Lighting		(0.000377)		(0.000360)		109,743,741	(41,373.39)	(39,507.75)	(1,865.64)	-4.72%
9	Total							$ 166,069,852.59	$ 148,015,754.29	$ 18,054,098.30	

Notes: (1) Demand and energy based on actual data for the 12 months ended 5/31/2021. 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 5/31/2021.
(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 2021 through September 2022

Line	Rate Schedule	Proposed Rate		Current Rate		Variance		Percentage Change	
		$/kW-month	$/kWh[1]	$/kW-month	$/kWh[1]	$/kW-month	$/kWh	$/kW-month	$/kWh
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1	Residential (RS, TD, ORH)		0.011380		0.009593		0.001787		18.63%
2	Secondary Distribution (DS)	2.906200	(0.000559)	2.682600	(0.000549)	0.2236	(0.000010)	8.34%	-1.82%
3	Electric Space Heating (EH)		(0.000378)		(0.000360)		(0.000018)		-5.00%
4	Secondary Distribution Service Small (DM)		0.009534		0.008846		0.000688		7.78%
5	Unmetered Small Fixed Loads (GSFL, ADPL)		0.008358		0.007474		0.000884		11.83%
6	Primary Distribution Voltage (DP)	2.749100	(0.000559)	2.343700	(0.000549)	0.4054	(0.000010)	17.30%	-1.82%
7	Transmission Voltage (TS)	2.286100	(0.000559)	2.560300	(0.000549)	(0.2742)	(0.000010)	-10.71%	-1.82%
8	Lighting		(0.000377)		(0.000360)		(0.000017)		-4.72%
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 B-4
TYPICAL BILL COMPARISONS

DUKE ENERGY OHIO
CASE NO. 21-713-EL-RDR
TYPICAL BILL COMPARISON
CURRENT versus PROPOSED RATES - RIDER BTR
ELECTRIC SERVICE

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)
		(KW)	(KWH)	($)	($)	($)	(%)
1	RS	SUMMER					
2		NA	300	41.00	41.54	0.54	1.3
3		NA	400	51.94	52.66	0.71	1.4
4		NA	500	62.88	63.77	0.89	1.4
5		NA	800	95.70	97.13	1.43	1.5
6		NA	1,000	117.58	119.37	1.79	1.5
7		NA	1,500	172.29	174.97	2.68	1.6
8		NA	2,000	226.99	230.57	3.57	1.6
9	RS	WINTER					
10		NA	300	41.00	41.54	0.54	1.3
11		NA	400	51.94	52.66	0.71	1.4
12		NA	500	62.88	63.77	0.89	1.4
13		NA	800	95.70	97.13	1.43	1.5
14		NA	1,000	117.58	119.37	1.79	1.5
15		NA	1,500	161.80	164.48	2.68	1.7
16		NA	3,000	293.98	299.35	5.36	1.8
17		NA	6,000	557.89	568.62	10.72	1.9
18	ORH	SUMMER					
19		NA	1,000	98.51	100.30	1.79	1.8
20		NA	1,500	143.54	146.22	2.68	1.9
21		NA	2,000	188.57	192.15	3.57	1.9
22		NA	3,000	278.18	283.54	5.36	1.9
23	ORH	WINTER					
24		20	1,000	98.15	99.93	1.79	1.8
25		20	2,000	157.42	160.99	3.57	2.3
26		20	3,000	216.23	221.59	5.36	2.5
27		20	6,000	362.57	373.29	10.72	3.0
28	RSLI	SUMMER					
29		NA	300	36.35	36.88	0.54	1.5
30		NA	400	47.29	48.00	0.71	1.5
31		NA	500	58.23	59.12	0.89	1.5
32		NA	800	91.05	92.48	1.43	1.6
33		NA	1,000	112.93	114.72	1.79	1.6
34		NA	1,500	167.64	170.32	2.68	1.6
35		NA	2,000	222.34	225.91	3.57	1.6
36	RSLI	WINTER					
37		NA	300	36.35	36.88	0.54	1.5
38		NA	400	47.29	48.00	0.71	1.5
39		NA	500	58.23	59.12	0.89	1.5
40		NA	800	91.05	92.48	1.43	1.6
41		NA	1,000	112.93	114.72	1.79	1.6
42		NA	1,500	157.15	159.83	2.68	1.7
43		NA	3,000	289.33	294.69	5.36	1.9
44		NA	6,000	553.24	563.96	10.72	1.9

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

DUKE ENERGY OHIO
CASE NO. 21-713-EL-RDR
TYPICAL BILL COMPARISON
CURRENT versus PROPOSED RATES - RIDER BTR
ELECTRIC SERVICE

LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL OFF-PEAK USE (B)	LEVEL ON-PEAK USE (C)	BILL DATA CURRENT BILL (1) (D)	PROPOSED BILL (1) (E)	DOLLAR INCR/(DECR) (E - D) (F)	PERCENT INCR/(DECR) (F / D) (G)
		(KW)	(KWH)	(KWH)	($)	($)	($)	(%)
1	TD	SUMMER						
2		NA	1,000	400	166.52	169.03	2.50	1.5
3		NA	1,500	500	217.28	220.86	3.57	1.6
4		NA	1,460	540	224.23	227.80	3.57	1.6
5		NA	2,500	500	272.47	277.84	5.36	2.0
6		NA	2,700	600	306.40	312.30	5.90	1.9
7		NA	2,700	700	329.29	335.36	6.08	1.8
8		NA	2,800	700	334.80	341.06	6.25	1.9
9		NA	3,700	800	407.36	415.41	8.04	2.0
10		NA	4,500	1,000	497.29	507.12	9.83	2.0
11	TD	WINTER						
12		NA	1,000	400	177.06	179.56	2.50	1.4
13		NA	1,500	500	238.50	242.08	3.57	1.5
14		NA	1,460	540	241.99	245.57	3.57	1.5
15		NA	2,500	500	325.90	331.26	5.36	1.6
16		NA	2,700	600	360.85	366.75	5.90	1.6
17		NA	2,700	700	378.32	384.40	6.08	1.6
18		NA	2,800	700	387.06	393.31	6.25	1.6
19		NA	3,700	800	483.19	491.23	8.04	1.7
20		NA	4,500	1,000	588.04	597.87	9.83	1.7

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

DUKE ENERGY OHIO
CASE NO. 21-713-EL-RDR
TYPICAL BILL COMPARISON
CURRENT versus PROPOSED RATES - RIDER BTR
ELECTRIC SERVICE

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)
		(KW)	(KWH)	($)	($)	($)	(%)
1	CUR	SUMMER					
2		NA	300	41.27	41.81	0.54	1.3
3		NA	400	52.30	53.02	0.71	1.4
4		NA	500	63.33	64.22	0.89	1.4
5		NA	800	96.42	97.85	1.43	1.5
6		NA	1,000	118.48	120.27	1.79	1.5
7		NA	1,500	173.64	176.32	2.68	1.5
8		NA	2,000	228.79	232.37	3.57	1.6
9	CUR	WINTER					
10		NA	300	41.27	41.81	0.54	1.3
11		NA	400	52.30	53.02	0.71	1.4
12		NA	500	63.33	64.22	0.89	1.4
13		NA	800	96.42	97.85	1.43	1.5
14		NA	1,000	118.48	120.27	1.79	1.5
15		NA	1,500	163.92	166.60	2.68	1.6
16		NA	3,000	299.76	305.12	5.36	1.8
17		NA	6,000	570.98	581.71	10.72	1.9
18	RS3P	SUMMER					
19		NA	300	43.91	44.44	0.54	1.2
20		NA	400	54.85	55.56	0.71	1.3
21		NA	500	65.79	66.68	0.89	1.4
22		NA	800	98.61	100.04	1.43	1.4
23		NA	1,000	120.49	122.28	1.79	1.5
24		NA	1,500	175.20	177.88	2.68	1.5
25		NA	2,000	229.90	233.47	3.57	1.6
26	RS3P	WINTER					
27		NA	300	43.91	44.44	0.54	1.2
28		NA	400	54.85	55.56	0.71	1.3
29		NA	500	65.79	66.68	0.89	1.4
30		NA	800	98.61	100.04	1.43	1.4
31		NA	1,000	120.49	122.28	1.79	1.5
32		NA	1,500	164.71	167.39	2.68	1.6
33		NA	3,000	296.89	302.25	5.36	1.8
34		NA	6,000	560.80	571.52	10.72	1.9

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

DUKE ENERGY OHIO
CASE NO. 21-713-EL-RDR
TYPICAL BILL COMPARISON
CURRENT versus PROPOSED RATES - RIDER BTR
ELECTRIC SERVICE

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)
		(KW)	(KWH)	($)	($)	($)	(%)
1	DS	30	6,000	697.91	704.56	6.65	1.0
2		30	9,000	826.85	833.46	6.62	0.8
3		30	12,000	950.88	957.47	6.59	0.7
4		50	10,000	1,126.68	1,137.76	11.08	1.0
5		50	15,000	1,341.57	1,352.60	11.03	0.8
6		50	20,000	1,545.50	1,556.48	10.98	0.7
7		75	15,000	1,662.64	1,679.26	16.62	1.0
8		75	20,000	1,874.73	1,891.30	16.57	0.9
9		75	30,000	2,286.67	2,303.14	16.47	0.7
10		100	20,000	2,195.80	2,217.96	22.16	1.0
11		100	30,000	2,619.99	2,642.05	22.06	0.8
12		100	40,000	3,027.84	3,049.80	21.96	0.7
13		300	60,000	6,461.08	6,527.56	66.48	1.0
14		300	90,000	7,733.64	7,799.82	66.18	0.9
15		300	120,000	8,957.21	9,023.09	65.88	0.7
16		500	100,000	10,726.37	10,837.17	110.80	1.0
17		500	200,000	14,886.59	14,996.39	109.80	0.7
18		500	300,000	18,888.36	18,997.16	108.80	0.6
19	EH	WINTER					
20		NA	9,400	823.14	822.97	(0.17)	0.0
21		NA	23,600	1,981.54	1,981.12	(0.42)	0.0
22		NA	37,800	3,136.81	3,136.13	(0.68)	0.0

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

DUKE ENERGY OHIO
CASE NO. 21-713-EL-RDR
TYPICAL BILL COMPARISON
CURRENT versus PROPOSED RATES - RIDER BTR
ELECTRIC SERVICE

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)
		(KW)	(KWH)	($)	($)	($)	(%)
1	DM	SUMMER					
2		1	72	18.44	18.49	0.05	0.3
3		1	144	27.21	27.31	0.10	0.4
4		1	288	44.75	44.95	0.20	0.4
5		5	360	53.52	53.76	0.25	0.5
6		5	720	97.36	97.85	0.50	0.5
7		5	1,440	185.04	186.03	0.99	0.5
8		10	720	97.36	97.85	0.50	0.5
9		10	1,440	185.04	186.03	0.99	0.5
10		10	2,880	354.53	356.51	1.98	0.6
11		15	1,080	141.20	141.94	0.74	0.5
12		15	2,160	272.65	274.14	1.49	0.5
13		15	4,320	430.69	433.66	2.97	0.7
14		15	6,480	537.78	542.24	4.46	0.8
15	DM	WINTER					
16		1	72	18.44	18.49	0.05	0.3
17		1	144	27.21	27.31	0.10	0.4
18		1	288	44.75	44.95	0.20	0.4
19		5	360	53.52	53.76	0.25	0.5
20		5	720	97.36	97.85	0.50	0.5
21		5	1,440	185.04	186.03	0.99	0.5
22		10	720	97.36	97.85	0.50	0.5
23		10	1,440	185.04	186.03	0.99	0.5
24		10	2,880	354.53	356.51	1.98	0.6
25		15	1,080	141.20	141.94	0.74	0.5
26		15	2,160	272.65	274.14	1.49	0.5
27		15	4,320	430.69	433.66	2.97	0.7
28		15	6,480	538.06	542.52	4.46	0.8

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

DUKE ENERGY OHIO
CASE NO. 21-713-EL-RDR
TYPICAL BILL COMPARISON
CURRENT versus PROPOSED RATES - RIDER BTR
ELECTRIC SERVICE

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)
		(KW)	(KWH)	($)	($)	($)	(%)
1	DP	100	14,400	1,901.52	1,941.91	40.40	2.1
2		100	28,800	2,526.49	2,566.74	40.25	1.6
3		100	43,200	3,118.12	3,158.22	40.11	1.3
4		200	28,800	3,677.69	3,758.49	80.79	2.2
5		200	57,600	4,926.96	5,007.46	80.50	1.6
6		200	86,400	6,110.22	6,190.43	80.22	1.3
7		300	43,200	5,453.53	5,574.72	121.19	2.2
8		300	86,400	7,327.42	7,448.18	120.76	1.6
9		300	129,600	9,102.32	9,222.64	120.32	1.3
10		500	72,000	9,005.21	9,207.19	201.98	2.2
11		500	144,000	12,128.36	12,329.62	201.26	1.7
12		500	216,000	15,086.52	15,287.06	200.54	1.3
13		800	115,200	14,332.72	14,655.89	323.17	2.3
14		800	230,400	19,329.77	19,651.79	322.02	1.7
15		800	345,600	24,062.82	24,383.68	320.86	1.3
16		1000	144,000	17,884.40	18,288.36	403.96	2.3
17		1000	288,000	24,130.71	24,533.23	402.52	1.7
18		1000	432,000	30,047.02	30,448.10	401.08	1.3
19		1500	216,000	26,763.59	27,369.53	605.94	2.3
20		1500	432,000	36,133.06	36,736.84	603.78	1.7
21		1500	648,000	45,007.52	45,609.14	601.62	1.3
22		3000	432,000	53,401.17	54,613.05	1,211.88	2.3
23		3000	864,000	72,140.10	73,347.66	1,207.56	1.7
24		3000	1,296,000	89,889.02	91,092.26	1,203.24	1.3

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

DUKE ENERGY OHIO
CASE NO. 21-713-EL-RDR
TYPICAL BILL COMPARISON
CURRENT versus PROPOSED RATES - RIDER BTR
ELECTRIC SERVICE

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)
		(KVA)	(KWH)	($)	($)	($)	(%)
1	TS	1,000	200,000	14,116.99	13,840.76	(276.23)	(2.0)
2		1,000	400,000	22,261.46	21,983.20	(278.26)	(1.2)
3		2,500	500,000	34,976.10	34,285.53	(690.57)	(2.0)
4		2,500	1,000,000	55,009.50	54,313.85	(695.65)	(1.3)
5		5,000	1,000,000	69,413.50	68,032.35	(1,381.15)	(2.0)
6		5,000	2,000,000	108,307.84	106,916.54	(1,391.30)	(1.3)
7		10,000	2,000,000	137,115.85	134,353.55	(2,762.30)	(2.0)
8		10,000	4,000,000	214,904.54	212,121.94	(2,782.60)	(1.3)
9		10,000	5,000,000	252,727.08	249,934.33	(2,792.75)	(1.1)
10		10,000	6,000,000	290,125.47	287,322.57	(2,802.90)	(1.0)
11		20,000	4,000,000	272,520.56	266,995.96	(5,524.60)	(2.0)
12		20,000	8,000,000	428,097.92	422,532.72	(5,565.20)	(1.3)
13		20,000	12,000,000	578,539.78	572,933.98	(5,605.80)	(1.0)
14		40,000	16,000,000	854,484.68	843,354.28	(11,130.40)	(1.3)
15		40,000	24,000,000	1,155,368.41	1,144,156.81	(11,211.60)	(1.0)
16		80,000	32,000,000	1,707,258.21	1,684,997.41	(22,260.80)	(1.3)
17		80,000	48,000,000	2,309,025.66	2,286,602.46	(22,423.20)	(1.0)
18		160,000	64,000,000	3,412,805.27	3,368,283.67	(44,521.60)	(1.3)
19		160,000	96,000,000	4,616,340.16	4,571,493.76	(44,846.40)	(1.0)

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

DUKE ENERGY OHIO
CASE NO. 21-713-EL-RDR
TYPICAL BILL COMPARISON
CURRENT versus PROPOSED RATES - RIDER BTR
ELECTRIC SERVICE

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)
		(KW)	(KWH)	($)	($)	($)	(%)
	GSFL						
1	> 540hrs	NA	50	2.07	2.11	0.04	2.1
2		NA	100	6.33	6.42	0.09	1.4
3		NA	150	10.60	10.73	0.13	1.3
4		NA	200	14.87	15.05	0.18	1.2
5		NA	250	19.14	19.36	0.22	1.2
6		NA	300	23.40	23.67	0.27	1.1
7		NA	350	27.67	27.98	0.31	1.1
8		NA	400	31.94	32.29	0.35	1.1
9	< 540hrs	NA	50	2.36	2.41	0.04	1.9
10		NA	100	6.93	7.01	0.09	1.3
11		NA	150	11.49	11.62	0.13	1.2
12		NA	200	16.05	16.23	0.18	1.1
13		NA	250	20.62	20.84	0.22	1.1
14		NA	300	25.18	25.44	0.27	1.1
15		NA	350	29.74	30.05	0.31	1.0
16		NA	400	34.31	34.66	0.35	1.0
	SFL						
17		NA	1	(2.11)	(2.11)	0.00	0.0
18		NA	5	(1.77)	(1.77)	0.00	(0.2)
19		NA	10	(1.35)	(1.34)	0.01	(0.7)

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

DUKE ENERGY OHIO
CASE NO. 21-713-EL-RDR
TYPICAL BILL COMPARISON
CURRENT versus PROPOSED RATES - RIDER BTR
ELECTRIC SERVICE

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	15.01	15.01	(0.01)	0.0
2		NA	400	19.88	19.88	(0.01)	0.0
3		NA	500	24.75	24.75	(0.01)	0.0
4		NA	800	39.37	39.35	(0.01)	0.0
5		NA	1,000	49.11	49.09	(0.02)	0.0
6		NA	1,500	73.46	73.44	(0.03)	0.0
7		NA	2,000	97.82	97.78	(0.03)	0.0
8		NA	2,500	121.94	121.90	(0.04)	0.0
9		NA	3,000	146.07	146.01	(0.05)	0.0
10		NA	3,500	170.19	170.13	(0.06)	0.0
11		NA	4,000	194.31	194.25	(0.07)	0.0

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

SCHEDULE C-1
PROJECTED TRANSMISSION COSTS/REVENUES
BY MONTH

Duke Energy Ohio, Inc.
Base Transmission Rider
Projected Transmission Costs/Revenue by Month
For the Period October 2021 through September 2022

Line	Cost Component	Costs												Total for Period
		Oct 2021	Nov 2021	Dec 2021	Jan 2022	Feb 2022	Mar 2022	Apr 2022	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
1	Network Integrated Transmission Services (NITS)	$ 11,653,698	$11,277,772	$11,653,698	$11,653,698	$10,525,921	$11,653,698	$11,277,772	$11,653,698	$ 12,327,733	$12,738,657	$12,738,657	$12,327,733	$141,482,735
2	Schedule 1A - Transmission Owner Scheduling and System Control and Dispatch	295,274	295,274	295,274	295,274	295,274	295,274	295,274	295,274	295,274	295,274	295,274	295,270	$3,543,284
3	Schedule 2 - Reactive Supply and Voltage Control from Generation and Other Sources	633,180	633,180	633,180	633,180	633,180	633,180	633,180	633,180	633,180	633,180	633,180	633,180	$7,598,160
4	Schedule 1A - Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	205	205	205	205	205	205	205	205	205	205	205	210	$2,465
5	Schedule 12 - Regional Transmission Expansion Planning (RTEP)	913,175	913,175	913,175	913,175	913,175	913,175	913,175	913,175	913,175	913,175	913,175	913,175	$10,958,100
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)	348,199	348,199	348,199	348,199	348,199	348,199	348,199	348,199	348,199	348,199	348,199	348,199	$4,178,388
8	Day-Ahead Load Response Charge Allocation	844	844	844	844	844	844	844	844	844	844	844	838	$10,122
9	Real-Time Load Response Charge Allocation	275	275	275	275	275	275	275	275	275	275	275	270	$3,295
10	Generation Deactivation Refund	-	-	-	-	-	-	-	-	-	-	-	-	$0
11	PJM Customer Payment Default	542	542	542	542	542	542	542	542	542	542	542	539	$6,501
12	Non-Firm Point-to-Point (Billing Line 2140)	(9,925)	(9,925)	(9,925)	(9,925)	(9,925)	(9,925)	(9,925)	(9,925)	(9,925)	(9,925)	(9,925)	(9,923)	($119,098)
13	Miscellaneous Other Includable Charges (e.g., PUCO Consultant Fees)	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Total	$13,729,257	$13,353,331	$13,729,257	$13,729,257	$12,601,480	$13,729,257	$13,353,331	$13,729,257	$14,403,292	$14,814,216	$14,814,216	$14,403,281	$166,389,432

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 2021 through September 2022

		Costs												Total for Period
Line	Rate Schedule	Oct 2021	Nov 2021	Dec 2021	Jan 2022	Feb 2022	Mar 2022	Apr 2022	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
1	Residential (RS, TD, ORH)	$7,221,196	$7,221,196	$7,221,196	$7,221,196	$7,221,196	$7,221,196	$7,221,196	$7,221,196	$7,221,196	$7,221,196	$7,221,196	$7,221,199	$86,654,355
2	Secondary Distribution (DS)	4,022,328	4,022,328	4,022,328	4,022,328	4,022,328	4,022,328	4,022,328	4,022,328	4,022,328	4,022,328	4,022,328	4,022,323	$48,267,931
3	Electric Space Heating (EH)	866	866	866	866	866	866	866	866	866	866	866	863	$10,389
4	Secondary Distribution Service Small (DM)	479,064	479,064	479,064	479,064	479,064	479,064	479,064	479,064	479,064	479,064	479,064	479,068	$5,748,772
5	Unmetered Small Fixed Loads (GSFL, ADPL)	20,672	20,672	20,672	20,672	20,672	20,672	20,672	20,672	20,672	20,672	20,672	20,670	$248,062
6	Primary Distribution Voltage (DP)	967,168	967,168	967,168	967,168	967,168	967,168	967,168	967,168	967,168	967,168	967,168	967,169	$11,606,017
7	Transmission Voltage (TS)	1,152,832	1,152,832	1,152,832	1,152,832	1,152,832	1,152,832	1,152,832	1,152,832	1,152,832	1,152,832	1,152,832	1,152,827	$13,833,979
8	Lighting	1,661	1,661	1,661	1,661	1,661	1,661	1,661	1,661	1,661	1,661	1,661	$1,656	$19,927
9	Total Costs	$13,865,787	$13,865,787	$13,865,787	$13,865,787	$13,865,787	$13,865,787	$13,865,787	$13,865,787	$13,865,787	$13,865,787	$13,865,787	$13,865,775	$166,389,432

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 2021 through September 2022

		Coincident Peak Demand Allocation		Total Energy Allocation		Allocated Rev Req [4]	Allocated Rev Req [4]	Total Projected Allocated Rev Req	Allocated Under(Over) Recovery [5]	Allocated Carrying Charges [6]	Total Allocated Rev Req	Billing Determinants [2]		Calculated Rate		Rate Including CAT [3]	
Line	Rate Classification	1 CP (kW) [1]	%	Sales (kWh) [2]	%	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)	2,596,546	52.360%	7,651,378,711	39.185%	$85,264,953	$1,389,402	$86,654,355	$5,741,868	$497,584	$92,893,807		7,651,378,711		0.012141		0.012173
2	Secondary Distribution (DS)	1,436,823	28.974%	5,978,464,957	30.617%	$47,182,329	$1,085,602	$48,267,931	$3,177,329	$275,344	$51,720,604	17,843,590		2.898600		2.906200	
3	Electric Space Heating (EH)	-	0.000%	57,289,431	0.293%	$0	$10,389	$10,389	$0	$0	$10,389		57,289,431		0.000181		0.000181
4	Secondary Distribution Service Small (DM)	171,680	3.462%	612,057,793	3.134%	$5,637,648	$111,124	$5,748,772	$379,648	$32,900	$6,161,320		612,057,793		0.010067		0.010093
5	Unmetered Small Fixed Loads (GSFL, ADPL)	7,399	0.149%	29,888,184	0.153%	$242,637	$5,425	$248,062	$16,340	$1,416	$265,818		29,888,184		0.008894		0.008917
6	Primary Distribution Voltage (DP)	342,512	6.907%	1,973,749,571	10.108%	$11,247,613	$358,404	$11,606,017	$757,431	$65,638	$12,429,086	4,532,809		2.742000		2.749100	
7	Transmission Voltage (TS)	404,040	8.148%	3,114,199,278	15.948%	$13,268,503	$565,476	$13,833,979	$893,521	$77,432	$14,804,932	6,492,702		2.280200		2.286100	
8	Lighting	-	0.000%	109,743,741	0.562%	$0	$19,927	$19,927	$0	$0	$19,927		109,743,741		0.000182		0.000182
9	Total	4,959,000	100.000%	19,526,771,666	100.000%	$162,843,683	$3,545,749	$166,389,432	$10,966,137	950,314	$178,305,883						

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, 2020 kWh and Load Research data.
(2) Energy based on actual data for the 12 months ended 5/31/2021. Demand based on actual data for the 12 months ended 5/31/2021.
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[4]
For the Period October 2021 through September 2022

Line	Rate Classification	12 CP (kW) [1]	Coincident Peak Allocation Percentages	Allocated Rev Req Sch 12 [8]	Allocated (Under)Over Recovery [6]	Allocated Carrying Charges [7]	Total Allocated Rev Req	Billing Determinants [2] Energy	Calculated Rate $/kWh [5]	Rate Including CAT [3] $/kWh
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	Residential (RS, TD, ORH)	1,918,185	47.739%	$4,622,844	$1,120,878	$309,689	$6,053,411	7,651,378,711	(0.000791)	(0.000793)
2	Non-Residential:									
3	Secondary Distribution (DS)	1,216,803	30.283%	$2,932,479	$711,023	$196,449	$3,839,951	5,978,464,957		(0.000559)
4	Electric Space Heating (EH)	12,510	0.311%	$30,116	$7,302	$2,017	$39,435	57,289,431		(0.000559)
5	Secondary Distribution Service Small (DM)	136,478	3.397%	$328,951	$79,759	$22,037	$430,747	612,057,793		(0.000559)
6	Unmetered Small Fixed Loads (GSFL, ADPL)	7,080	0.176%	$17,043	$4,132	$1,142	$22,317	29,888,184		(0.000559)
7	Primary Distribution Voltage (DP)	297,433	7.402%	$716,779	$173,794	$48,018	$938,591	1,973,749,571		(0.000559)
8	Transmission Voltage (TS)	424,985	10.577%	$1,024,232	$248,340	$68,614	$1,341,186	3,114,199,278		(0.000559)
9	Lighting	4,610	0.115%	$11,136	$2,700	$746	$14,582	109,743,741		(0.000559)
10	Sub-Total Non-Residential	2,099,899	52.261%	$5,060,736	$1,227,050	$339,023	$6,626,809	11,875,392,955	(0.000558)	(0.000559)
11	Total Duke Energy Ohio	4,018,084	100.000%	$9,683,580	$2,347,928	648,712	$12,680,220	19,526,771,666		

Notes:
(1) 12 CP is based on 12 months ended December 31, 2020 kWh and Load Research data.
(2) Energy based on actual data for the 12 months ended 5/31/2021. 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 $80,991,153. 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

Duke Energy Ohio, Inc.
Base Transmission Rider
Reconciliation Adjustment Monthly Costs
For the Period June 1, 2020 through May 31, 2021

Line	Scheduled Transmission Charges	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21
1	Network Integration Transmission Services (NITS)	$ 10,376,654.38	$ 10,722,544.18	$ 10,722,543.58	$ 10,376,655.45	$ 10,722,543.60	$ 10,376,655.83	$ 10,722,544.33	$ 10,695,411.89	$ 9,660,371.60	$ 10,695,412.36	$ 10,350,399.38	$ 10,695,412.23
2	Schedule 1A - Transmission Owner Scheduling and System Control and Dispatch	321,592.50	388,156.90	353,027.21	298,826.22	270,049.89	272,267.48	327,632.42	333,546.43	317,426.85	284,293.70	265,482.71	285,339.27
3	Schedule 2 - Reactive Supply and Voltage Control from Generation and Other Sources	613,423.05	614,163.06	614,983.75	616,385.12	620,001.02	619,501.62	622,152.73	630,668.89	628,368.44	804,280.25	445,170.96	633,182.88
4	Schedule 1A - Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	(674.68)	2,746.11	767.95	386.07	330.31	173.60	(79.21)	(304.36)	179.16	299.67	(628.89)	(609.27)
5	Schedule 12 - Regional Transmission Expansion Planning (RTEP)	777,151.73	777,513.06	777,270.05	825,427.51	825,339.35	919,385.29	1,086,046.70	1,265,962.85	1,311,362.79	913,175.38	913,175.22	913,174.92
6	Schedule 12 - RTEP - Order 494	(105,528.60)	(105,528.53)	(105,528.57)	(105,528.55)	(105,528.61)	(105,528.59)	(105,528.51)	(106,590.25)	(106,590.19)	(106,590.21)	(106,590.20)	(106,590.23)
7	Midwest Transmission Expansion Planning (MTEP)	321,820.07	323,840.15	323,840.19	323,840.17	323,840.16	323,838.21	323,838.16	348,199.25	348,199.31	348,199.28	348,199.31	348,199.35
8	Day-Ahead Load Response Charge Allocation	195.13	251.18	638.26	2,610.11	525.23	-	81.91	886.69	673.84	789.12	3,176.78	293.51
9	Real-Time Load Response Charge Allocation	(149.86)	877.80	1,803.82	(464.15)	217.88	9.32	(73.26)	121.87	6.63	225.50	635.31	83.95
10	Generation Deactivation Refund	-	-	-	-	-	-	-	-	-	-	-	-
11	PJM Customer Payment Default	6,017.31	1,471.73	(143.14)	(342.15)	(605.54)	(1,037.23)	786.71	624.07	362.15	2,126.67	227.96	(2,987.91)
12	Non-Firm Point-to-Point (Billing Line 2140)	(6,668.59)	(7,732.91)	(10,176.62)	(13,850.48)	(9,679.81)	(10,428.62)	(15,516.02)	(7,774.42)	(13,592.31)	(9,062.22)	(6,633.07)	(7,982.88)
13	Miscellaneous Bilateral	-	-	-	-	-	-	-	-	-	-	-	-
14	Sub Total Transmission Charges	$12,303,832.44	$12,718,302.73	$12,679,026.48	$12,323,945.32	$12,647,033.48	$12,394,836.91	$12,961,885.96	$13,160,752.91	$12,146,768.27	$12,933,149.50	$12,212,615.47	$12,757,515.82
15	Total Transmission Scheduled Charges per prior filing	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Total Transmission Charges	$12,303,832.44	$12,718,302.73	$12,679,026.48	$12,323,945.32	$12,647,033.48	$12,394,836.91	$12,961,885.96	$13,160,752.91	$12,146,768.27	$12,933,149.50	$12,212,615.47	$12,757,515.82

SCHEDULE D-2
MONTHLY REVENUES COLLECTED
FROM EACH RATE SCHEDULE

Duke Energy Ohio, Inc.
Base Transmission Rider
Monthly Revenues Collected From Each Rate Schedule
For the Period June 1, 2020 through May 31, 2021

Line	Description	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21
	Rate Schedule												
1	Secondary Distribution Service Small (DM)	$365,683.92	$446,025.34	$397,350.93	$451,234.04	$386,873.39	$348,184.01	$480,550.07	$460,864.85	$468,537.36	$434,716.13	$439,993.48	$402,194.01
2	Primary Distribution Voltage (DP)	826,577.12	793,338.71	738,409.87	841,058.23	796,136.46	718,008.08	797,131.26	696,037.89	630,227.11	873,125.36	811,842.02	732,219.35
3	Secondary Distribution (DS)	3,480,778.17	3,515,602.48	3,162,523.53	3,630,213.98	3,685,055.17	3,349,332.65	3,647,070.99	3,180,053.34	3,350,366.28	3,417,717.65	3,735,261.61	3,678,705.43
4	Electric Space Heating (EH)	35.88	50.58	31.00	(1,780.49)	(1,688.29)	(3,473.84)	(3,031.57)	(3,110.71)	(3,427.03)	(2,768.77)	(2,121.50)	(1,916.69)
5	Unmetered Small Fixed Loads (GSFL, ADPL)	18,550.73	18,206.13	16,477.43	19,201.46	18,709.57	17,141.20	19,291.60	16,836.77	18,155.88	17,126.52	19,547.63	19,103.01
6	Lighting	2,056.21	2,027.62	1,243.16	2,472.77	(3,571.13)	(6,009.33)	(3,235.91)	(2,941.40)	(3,108.86)	(3,017.25)	(3,395.70)	(3,336.29)
7	Residential (RS, TD, ORH)	5,185,390.26	6,627,996.03	5,870,540.05	6,204,084.88	4,652,826.05	4,176,422.83	6,682,046.62	6,861,239.68	6,839,194.36	5,829,803.16	4,925,649.52	4,490,991.47
8	Transmission Voltage (TS)	1,127,370.06	479,842.17	1,300,422.45	217,164.66	1,724,318.75	1,029,704.00	1,243,166.34	778,152.92	1,025,593.18	1,252,335.87	811,515.21	2,015,782.48
9	**Total Revenue**	$11,006,442.35	$11,883,089.06	$11,486,998.42	$11,363,649.53	$11,258,659.97	$9,629,309.60	$12,862,989.40	$11,987,133.34	$12,325,538.28	$11,819,038.67	$10,738,292.27	$11,333,742.77
10	BTR Revenues	$10,922,852.61	$11,790,556.62	$11,392,891.11	$11,294,511.11	$12,169,846.60	$11,069,226.45	$14,030,482.36	$13,031,048.70	$13,447,887.84	$12,838,107.36	$11,639,660.36	$12,290,911.25
11	CAT Tax @ 0.26%	($28,325.77)	($30,575.95)	($29,544.70)	($29,289.58)	($31,559.55)	($28,705.35)	($36,384.65)	($33,792.87)	($34,873.84)	($33,292.52)	($30,184.64)	($31,873.50)
12	BTR Revenue excluding CAT Tax	$10,894,526.84	$11,759,980.67	$11,363,346.41	$11,265,221.53	$12,138,287.05	$11,040,521.10	$13,994,097.71	$12,997,255.83	$13,413,014.00	$12,804,814.84	$11,609,475.72	$12,259,037.75
13	RTEP Credit	$83,589.74	$92,532.44	$94,107.31	$69,138.42	($911,186.63)	($1,439,916.85)	($1,167,492.96)	($1,043,915.36)	($1,122,349.56)	($1,019,068.69)	($901,368.09)	($957,168.48)
14	CAT Tax @ 0.26%	($216.77)	($239.96)	($244.04)	($179.29)	$2,362.94	$3,734.08	$3,027.61	$2,707.14	$2,910.54	$2,642.71	$2,337.48	$2,482.18
15	RTEP Credit excluding CAT Tax	$83,372.97	$92,292.48	$93,863.27	$68,959.13	($908,823.69)	($1,436,182.77)	($1,164,465.35)	($1,041,208.22)	($1,119,439.02)	($1,016,425.98)	($899,030.61)	($954,686.30)

SCHEDULE D-3
MONTHLY OVER AND UNDER RECOVERY

Duke Energy Ohio, Inc.
Base Transmission Rider
Monthly Over and Under Recovery
For the Period June 1, 2020 through May 31, 2021
Data: Actual

Line	Description	Reference	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Total
	BTR Reconciliation														
1	Transmission Charges	Sch D-1, Line 13	$12,303,832.44	$12,718,302.73	$12,679,026.48	$12,323,945.32	$12,647,033.48	$12,394,836.91	$12,961,885.96	$13,160,752.91	$12,146,768.27	$12,933,149.50	$12,212,615.47	$12,757,515.82	$151,239,665.29
2	Revenue Collected in BTR	Sch D-2, Line 12	10,894,526.84	11,759,980.67	11,363,346.41	11,265,221.53	12,138,287.05	11,040,521.10	13,994,097.71	12,997,255.83	13,413,014.00	12,804,814.84	11,609,475.72	12,259,037.75	145,539,579.45
3	Current Month Over- (Under-) Collection		($1,409,305.60)	($958,322.06)	($1,315,680.07)	($1,058,723.79)	($508,746.43)	($1,354,315.81)	$1,032,211.75	($163,497.08)	$1,266,245.73	($128,334.66)	($603,139.75)	($498,478.07)	($5,700,085.84)
4	Prior Period Over (Under) Collection [1]		585,862.25	585,862.25	585,862.25	585,862.25	(929,284.67)	(929,284.67)	(929,284.67)	(929,284.67)	(929,284.67)	(929,284.67)	(929,284.67)	(929,284.67)	(5,090,828.36)
5	Carrying Charges from prior period [2]		42,015.08	42,015.08	42,015.08	42,015.08	(27,759.83)	(27,759.83)	(27,759.83)	(27,759.83)	(27,759.83)	(27,759.83)	(27,759.83)	(27,759.83)	(54,018.32)
6	Over- (Under-) Collection from prior filing		-	-	-	-	-	-	-	-	-	-	-	-	-
7	Net Over (Under) Collection to Include in Rates	To Sch. D-3, Page 2	($781,428.27)	($330,444.73)	($687,802.74)	($430,846.46)	($1,465,790.93)	($2,311,360.31)	$75,167.25	($1,120,541.58)	$309,201.23	($1,085,379.16)	($1,560,184.25)	($1,455,522.57)	($10,844,932.52)
	RTEP Credit Reconciliation														
8	RTEP Charges to be Refunded	Sch D-1, Lines 5 & 6	(671,623.13)	(671,984.53)	(671,741.48)	(719,898.96)	(719,810.74)	(813,856.70)	(980,518.19)	(1,159,372.60)	(1,204,772.60)	(806,585.17)	(806,585.02)	(806,584.69)	($10,033,333.81)
9	Revenue Refunded in RTEP Credit	Sch D-2, Line 15	83,372.97	92,292.48	93,863.27	68,959.13	(908,823.69)	(1,436,182.77)	(1,164,465.35)	(1,041,208.22)	(1,119,439.02)	(1,016,425.98)	(899,030.61)	(954,686.30)	(8,201,774.09)
10	Current Month Over- (Under-) Collection		$754,996.10	$764,277.01	$765,604.75	$788,858.09	($189,012.95)	($622,326.07)	($183,947.16)	$118,164.38	$85,333.58	($209,840.81)	($92,445.59)	($148,101.61)	$1,831,559.72
11	Prior Period Over (Under) Collection [3]		(696,085.75)	(696,085.75)	(696,085.75)	(696,085.75)	385,250.83	385,250.83	385,250.83	385,250.83	385,250.83	385,250.83	385,250.83	385,250.83	297,663.64
12	Carrying Charges from prior period [4]		(30,815.33)	(30,815.33)	(30,815.33)	(30,815.33)	21,320.25	21,320.25	21,320.25	21,320.25	21,320.25	21,320.25	21,320.25	21,320.25	47,300.68
13	Over- (Under-) Collection from prior filing		-	-	-	-	-	-	-	-	-	-	-	-	-
14	Net Over (Under) Collection to Include in Rates	To Sch. D-3, Page 2	$28,095.02	$37,375.93	$38,703.67	$61,957.01	$217,558.13	($215,754.99)	$222,623.92	$524,735.46	$491,904.66	$196,730.27	$314,125.49	$258,469.47	$2,176,524.04

Notes: (1) June - September 2020 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 19-1319-EL-RDR.
October 2020 - May 2021 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 20-1151-EL-RDR.
(2) June - September 2020 represents one-twelfth of the Allocated Carrying Charges inluded on Schedule C-3 in Case No. 19-1319-EL-RDR.
October 2020 - May 2021 represents one-twelfth of the Allocated Carrying Charges inluded on Schedule C-3 in Case No. 20-1151-EL-RDR.
(3) June - September 2020 represents one-twelfth of the under (over) recovered balance included on Schedule C-3a in Case No. 19-1319-EL-RDR.
October 2020 - May 2021 represents one-twelfth of the under (over) recovered balance included on Schedule C-3a in Case No. 20-1151-EL-RDR.
(4) June - September 2020 represents one-twelfth of the Allocated Carrying Charges inluded on Schedule C-3a in Case No. 19-1319-EL-RDR.
October 2020 - May 2021 represents one-twelfth of the Allocated Carrying Charges inluded on Schedule C-3a in Case No. 20-1151-EL-RDR.

Duke Energy Ohio, Inc.
Base Transmission Rider
Monthly Over and Under Recovery
For the Period June 1, 2021 through September 30, 2021
Data: Projected & Actual

Line	Description	Reference	Projected Jun-21	Projected Jul-21	Projected Aug-21	Projected Sep-21	Projected	Actual	Total
	BTR Reconciliation								
1	Transmission Charges	WPD-1a	13,353,331.00	13,729,257.00	13,729,257.00	13,353,331.00	54,165,176.00	$151,239,665.29	$205,404,841.29
2	Revenue Collected in BTR (4)	Company Records	13,640,056.00	14,785,705.00	16,117,408.00	13,328,981.00	57,872,150.00	$145,539,579.45	$203,411,729.45
3	Current Month Over- (Under-) Collection		$286,725.00	$1,056,448.00	$2,388,151.00	($24,350.00)	$3,706,974.00	($5,700,085.84)	($1,993,111.84)
4	Prior Period Over (Under) Collection (1)		(929,284.67)	(929,284.67)	(929,284.67)	(929,284.67)	(3,717,138.68)	($5,090,828.36)	($8,807,967.04)
5	Carrying Charges from prior period (2)		(27,759.83)	(27,759.83)	(27,759.83)	(27,759.83)	(111,039.32)	($54,018.32)	($165,057.64)
6	Over- (Under-) Collection from prior filing		-	-	-	-	-	-	-
7	Net Over (Under) Collection to Include in Rates	To Sch. C-3	($670,319.50)	$99,403.50	$1,431,106.50	($981,394.50)	($121,204.00)	($10,844,932.52)	($10,966,136.52)
	RTEP Credit Reconciliation								
8	RTEP Charges to be Refunded	WPD-1a	(806,965.00)	(806,965.00)	(806,965.00)	(806,965.00)	(3,227,860.00)	(10,033,333.81)	($13,261,193.81)
9	Revenue Refunded in RTEP Credit (4)	Company Records	(1,073,884.00)	(1,194,154.00)	(1,327,100.00)	(1,087,602.00)	(4,682,740.00)	(8,201,774.09)	($12,884,514.09)
10	Current Month Over- (Under-) Collection		($266,919.00)	($387,189.00)	($520,135.00)	($280,637.00)	($1,454,880.00)	$1,831,559.72	$376,679.72
11	Prior Period Over (Under) Collection (1)		385,250.83	385,250.83	385,250.83	385,250.83	1,541,003.32	297,663.64	$1,838,666.96
12	Carrying Charges from prior period (3)		21,320.25	21,320.25	21,320.25	21,320.25	85,281.00	47,300.68	$132,581.68
13	Over- (Under-) Collection from prior filing		-	-	-	-	-	-	-
14	Net Over (Under) Collection to Include in Rates	To Sch. C-3a	$139,652.08	$19,382.08	($113,563.92)	$125,934.08	$171,404.32	$2,176,524.04	$2,347,928.36

Notes: (1) June - September 2021 represents one-twelfth of the Allocated Under(Over) Recovery included on Schedule C-3 or C-3a from Case No. 20-1151-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.
(3) June - September 2021 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3a in Case No. 20-1151-EL-RDR.
(4) June - September 2021 estimated using rates approved in Case No. 20-1151-EL-RDR applied to 2020 billing determinants.

SCHEDULE D-3a
CARRYING COST CALCULATION

Duke Energy Ohio, Inc.
Base Transmission Rider
Carrying Costs Calculation
For the Period June 1, 2020 through May 31, 2021
Data: Actual

Line	Description	Reference	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21
1	**BTR**													
2	Monthly Balances													
3	Beginning Balance of Over- (Under-) Recovery		($9,126,502.25)	($10,578,081.85)	($11,583,949.91)	($12,952,269.98)	($14,068,964.77)	($14,639,301.20)	($16,059,478.01)	($15,094,103.26)	($15,322,856.34)	($14,119,776.61)	($14,309,102.27)	($14,975,068.02)
4	Current Month Over- (Under-) Collection	Sch D-3, Pg 1, Line 3	($1,409,305.60)	(958,322.06)	(1,315,680.07)	(1,058,723.79)	(508,746.43)	(1,354,315.81)	1,032,211.75	(163,497.08)	1,266,245.73	(128,334.66)	(603,139.75)	(498,478.07)
5	Carrying Charge (a)	To Sch. C-3	(42,274.00)	(47,546.00)	(52,640.00)	(57,971.00)	(61,590.00)	(65,861.00)	(66,837.00)	(65,256.00)	(63,166.00)	(60,991.00)	(62,826.00)	(65,465.00)
6	Ending Balance		($10,578,081.85)	($11,583,949.91)	($12,952,269.98)	($14,068,964.77)	($14,639,301.20)	($16,059,478.01)	($15,094,103.26)	($15,322,856.34)	($14,119,776.61)	($14,309,102.27)	($14,975,068.02)	($15,539,011.09)
7	**RTEP Credit**													
8	Monthly Balances													
9	Beginning Balance of Over- (Under-) Recovery		$7,324,734.79	$8,112,850.89	$8,913,655.90	$9,719,235.65	$10,551,582.74	$10,407,534.79	$9,828,622.72	$9,686,543.56	$9,846,613.94	$9,974,471.52	$9,807,069.71	$9,756,596.12
10	Current Month Over- (Under-) Collection	Sch D-3, Pg 1, Line 10	754,996.10	764,277.01	765,604.75	788,858.09	(189,012.95)	(622,326.07)	(183,947.16)	118,164.38	85,333.58	(209,840.81)	(92,445.59)	(148,101.61)
11	Carrying Charge (a)	To Sch. C-3a	33,120.00	36,528.00	39,975.00	43,489.00	44,965.00	43,414.00	41,868.00	41,906.00	42,524.00	42,439.00	41,972.00	41,635.00
12	Ending Balance		$8,112,850.89	$8,913,655.90	$9,719,235.65	$10,551,582.74	$10,407,534.79	$9,828,622.72	$9,686,543.56	$9,846,613.94	$9,974,471.52	$9,807,069.71	$9,756,596.12	$9,650,129.51

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

Duke Energy Ohio, Inc.
Base Transmission Rider
Carrying Costs Calculation
For the Period June 1, 2021 through September 30, 2021
Data: Projected

Line	Description	Reference	Projected Jun-21	Jul-21	Aug-21	Sep-21
1	**BTR**					
2	Monthly Balances					
3	Beginning Balance of Over- (Under-) Recovery		($15,539,011.09)	($15,318,487.09)	($14,325,637.09)	($11,993,952.09)
4	Current Month Over- (Under-) Collection	Sch D-3, Pg 2, Line 3	$286,725.00	$1,056,448.00	$2,388,151.00	($24,350.00)
5	Carrying Charge (a)	To Sch. C-3	(66,201.00)	(63,598.00)	(56,466.00)	(51,626.00)
6	Ending Balance		($15,318,487.09)	($14,325,637.09)	($11,993,952.09)	($12,069,928.09)
7	**RTEP Credit**					
8	Monthly Balances					
9	Beginning Balance of Over- (Under-) Recovery		$9,650,129.51	$9,424,132.51	$9,076,634.51	$8,594,410.51
10	Current Month Over- (Under-) Collection	Sch D-3, Pg 2, Line 10	($266,919.00)	($387,189.00)	($520,135.00)	($280,637.00)
11	Carrying Charge (a)	To Sch. C-3a	40,922.00	39,691.00	37,911.00	36,353.00
12	Ending Balance		$9,424,132.51	$9,076,634.51	$8,594,410.51	$8,350,126.51

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

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Case No(s). 21-0713-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 Kingery, Jeanne W.