

**BEFORE**

**THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of Duke	)	
Energy Ohio, Inc. to Adjust and Set the	)	Case No. 18-941-EL-RDR
Rate for Rider BTR.	)	

---

**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<sup>1</sup> to customers in southwestern Ohio, all of whom will be affected by this Application, and is a public utility as defined by R. C. 4905.02 and 4905.03. Duke Energy Ohio serves incorporated communities and unincorporated territory within its entire service area, which includes all or parts of Adams, Brown, Butler, Clinton, Clermont, Hamilton, Montgomery, and Warren Counties in Ohio.

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

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

---

<sup>1</sup> Duke Energy Ohio provides a standard generation service offer pursuant to an electric security plan, most recently approved in Case No. 14-841-EL-SSO, *et al.*

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

implement a base transmission rate rider (Rider BTR).<sup>3</sup>

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

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

4. Schedules supporting the calculation of the proposed rate for Rider BTR are provided as attachments hereto. The schedules support the calculations for the various cost components that were approved for recovery through Rider BTR. Each individual cost to be recovered is allocated among the rate classes on a 12 coincident peak (CP) demand basis, except Schedule 1A, which is allocated on an energy basis. The rate to be recovered from each rate class on an energy basis, except DS, DP and TS, is determined by dividing the total allocated class revenue requirement by the respective kWh sales. The rate to be recovered from DS, DP, 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

---

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

customers on an energy basis, taking the allocated cost to each group (residential and non-residential) and dividing by the respective kWh sales.

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

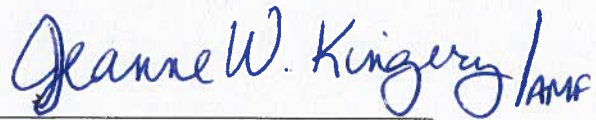
<b>Schedule A-1</b>	Copy of proposed tariff schedule (Rider BTR)
<b>Schedule A-2</b>	Copy of redlined current tariff schedule (Rider BTR), showing changes as compared with the tariff approved by the Commission
<b>Schedule B-1</b>	Summary of Total Projected Transmission Costs/Revenues
<b>Schedule B-2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

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

WHEREFORE, 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 28, 2018.

Respectfully submitted,

DUKE ENERGY OHIO, INC.

A handwritten signature in blue ink that reads "Jeanne W. Kingery" followed by a stylized flourish or initials.

Rocco O. D'Ascenzo (0077651)

Deputy General Counsel

Jeanne W. Kingery (Counsel of Record) (0012172)

Associate General Counsel

Duke Energy Business Services LLC

139 East Fourth Street, 1303-Main

Cincinnati, Ohio 45202

614-222-1334

[rocco.d'ascenzo@duke-energy.com](mailto:rocco.d'ascenzo@duke-energy.com)

[jeanne.kingery@duke-energy.com](mailto:jeanne.kingery@duke-energy.com)

**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.

#### 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	\$0.007068
Rate ORH, Optional Residential Service With Electric Space Heating All kWh	\$0.007068
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering All kWh	\$0.007068

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

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

Effective: September 28, 2018

Issued by Amy B. Spiller, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 89.07  
Cancels and Supersedes  
Sheet No. 89.06  
Page 2 of 3

BTR Charge Tariff Sheet

BTR Charge  
(per kWh/kW)

Rate TD, Optional Time-of-Day Rate All kWh	\$0.007068
Rate CUR, Common Use Residential Rate All kWh	\$0.007068
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering All kWh	\$0.007068
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering All kWh	\$0.007068
Rate DS, Service at Secondary Distribution Voltage All kW	\$1.957700
Rate GS-FL, Optional Unmetered For Small Fixed Loads All kWh	\$0.006959
Rate EH, Optional Rate For Electric Space Heating All kWh	\$0.006971
Rate DM, Secondary Distribution Service, Small All kWh	\$0.006666
Rate DP, Service at Primary Distribution Voltage All kW	\$1.748900
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines All kWh	\$0.006959
Rate TS, Service at Transmission Voltage All kVA	\$1.944300
Rate SL, Street Lighting Service All kWh	\$0.001279
Rate TL, Traffic Lighting Service All kWh	\$0.001279
Rate OL, Outdoor Lighting Service All kWh	\$0.001279
Rate NSU, Street Lighting Service for Non-Standard Units All kWh	\$0.001279
Rate NSP, Private Outdoor Lighting for Non-Standard Units All kWh	\$0.001279
Rate SC, Street Lighting Service - Customer Owned All kWh	\$0.001279
Rate SE, Street Lighting Service - Overhead Equivalent All kWh	\$0.001279
Rate UOLS, Unmetered Outdoor Lighting Electric Service All kWh	\$0.001279

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

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

Effective: September 28, 2018

Issued by Amy B. Spiller, President



Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 89.07  
Cancels and Supersedes  
Sheet No. 89.06  
Page 3 of 3

RTEP Credit

Tariff Sheet

RTEP Credit

	(per kWh)
Rate RS, RSLI, RS3P, Residential Service	\$0.000169
Rate ORH, Optional Residential Service With Electric Space Heating	\$0.000169
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering	\$0.000169
Rate TD, Optional Time-of-Day Rate	\$0.000169
Rate CUR, Common Use Residential Rate	\$0.000169
Rate TD-CPP_LITE, Optional Critical Peak Pricing Rate For Residential Service With Advance Metering	\$0.000169
Rate TD-LITE, Optional Time-of-Day Rate For Residential Service With Advance Metering	\$0.000169
Rate DS, Service at Secondary Distribution Voltage	\$0.000119
Rate EH, Optional Rate For Electric Space Heating	\$0.000119
Rate DM, Secondary Distribution Service, Small	\$0.000119
Rate DP, Service at Primary Distribution Voltage	\$0.000119
Rate GS-FL, Optional Unmetered For Small Fixed Loads	\$0.000119
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads Attached Directly to Company's Power Lines	\$0.000119
Rate TS, Service at Transmission Voltage	\$0.000119
Rate SL, Street Lighting Service	\$0.000119
Rate TL, Traffic Lighting Service	\$0.000119
Rate OL, Outdoor Lighting Service	\$0.000119
Rate NSU, Street Lighting Service for Non-Standard Units	\$0.000119
Rate NSP, Private Outdoor Lighting for Non-Standard Units	\$0.000119
Rate SC, Street Lighting Service - Customer Owned	\$0.000119
Rate SE, Street Lighting Service - Overhead Equivalent	\$0.000119
Rate UOLS, Unmetered Outdoor Lighting Electric Service	\$0.000119

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

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

Effective: September 28, 2018

Issued by Amy B. Spiller, President



**SCHEDULE A-2  
REDLINED CURRENT TARIFF**

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 89 07  
Cancels and Supersedes  
Sheet No. 89 06  
Page 1 of 3

Deleted: 06

Deleted: 05

**RIDER BTR**  
**BASE TRANSMISSION RIDER**

**APPLICABILITY**

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

**CHARGE**

The Base Transmission Rider charges detailed below are to recover transmission costs related to the provision of retail transmission service in Duke Energy Ohio's service territory. Costs recoverable in this rider include transmission-related costs charged to Duke Energy Ohio by the Federal Energy Regulatory Commission (FERC), a FERC-approved regional transmission organization, or the Public Utilities Commission of Ohio (PUCO) including:

Schedule 1A	Transmission Owner Scheduling, System Control, and Dispatch
Schedule 2	Reactive Supply and Voltage Control from Generation or Other Sources Service
Schedule 12	Transmission Enhancement Charges

Network Integration Transmission Service – Pursuant to Attachment H-22A  
Transmission Expansion Planning Costs billed directly or indirectly from the Midcontinent ISO, Inc.  
Consultant fees incurred by the PUCO and billed to Duke Energy Ohio  
Other transmission-related costs incurred by Duke Energy Ohio as approved by the FERC and the PUCO.

Costs recoverable under Rider BTR are limited to those charges approved by the FERC and the PUCO subject to R.C. 4928.05 and O.A.C. 4901:1-36.

Rider BTR contains two components: a BTR charge and an RTEP credit to reflect a Stipulation approved by the Commission in Case No. 11-2641-EL-RDR. Both components apply to all customers. The RTEP credit is a reduction to bills for all rate classes and reflects an agreement to credit the first \$121 million in RTEP costs billed to the Company's retail load.

**RATE**

The BTR charges and RTEP credits for each rate schedule are shown in the following tables. Both the BTR charge and the offsetting RTEP credit apply to all customers:

**BTR Charge Tariff Sheet**

	<u><b>BTR Charge</b></u> (per kWh/kW)
Rate RS, RSLI, RS3P, Residential Service All kWh	\$0 <u><b>.007068</b></u>
Rate ORH, Optional Residential Service With Electric Space Heating All kWh	\$0 <u><b>.007068</b></u>
Rate TD-AM, Time-of-Day Rate For Residential Service With Advance Metering All kWh	\$0 <u><b>.007068</b></u>

Deleted: 006885

Deleted: 006885

Deleted: 006885

Deleted: September 27, 2017

Deleted: 17-1436

Deleted: September 27, 2017

Deleted: September 29, 2017

Deleted: James P. Henning

Filed pursuant to an Order dated in Case No. 11-2641-EL-RDR before the Public Utilities Commission of Ohio.

Issued: \_\_\_\_\_ Effective: September 28, 2018

Issued by Amy B. Spiller, President

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 89 07  
Cancels and Supersedes  
Sheet No. 89 06  
Page 2 of 3

BTR Charge Tariff Sheet

BTR Charge  
(per kWh/kW)

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

\$0.007068

\$0.007068

\$0.007068

\$0.007068

\$1.957700

\$0.006959

\$0.006971

\$0.006666

\$1.748900

\$0.006959

\$1.944300

\$0.001279

\$0.001279

\$0.001279

\$0.001279

\$0.001279

\$0.001279

\$0.001279

\$0.001279

Deleted: 06

Deleted: 05

Deleted: .006885

Deleted: .006885

Deleted: .006885

Deleted: .006885

Deleted: 1.893200

Deleted: .006557

Deleted: .007416

Deleted: .006582

Deleted: 1.792700

Deleted: .006557

Deleted: 1.908600

Deleted: .001918

Deleted: .001918

Deleted: .001918

Deleted: .001918

Deleted: .001918

Deleted: .001918

Deleted: .001918

Deleted: September 27, 2017

Deleted: 17-1436

Deleted: September 27, 2017

Deleted: September 29, 2017

Deleted: James P. Henning

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

Issued: ▾

Effective: September 28, 2018

Issued by Amy B. Spiller, President



P.U.C.O. Electric No. 19  
Sheet No. 89 07  
Cancels and Supersedes  
Sheet No. 89 06  
Page 3 of 3

**Deleted: 05**

## Tariff Sheet

**RTEP Credit**  
**(per kWh)**

Deleted: .000727

**Deleted:** James P. Henning

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 2018 through September 2019

Case No. 18-941-EL-RDR  
Schedule B-1  
Page 1 of 1

Line	Description	Costs		Note	Allocation Basis
		10/1/2018 - 9/30/2019			
Costs Included in Rider BTR					
1	Network Integrated Transmission Services (NITS)	\$	98,067,858	(1)	Demand
2	Schedule 1A - Transmission Owner Scheduling and System Control and Dispatch		3,779,318	(4)	Energy
3	Schedule 2 - Reactive Supply and Voltage Control from Generation and Other Sources		5,656,284	(2)	Demand
4	Schedule 12 - Regional Transmission Expansion Planning (RTEP)		15,313,920	(2)	Demand
5	Schedule 12 - RTEP - Order 494		(8,727,711)	(5)	Demand
6	Midwest Transmission Expansion Planning (MTEP)		4,573,812	(2)	Demand
7	Day-Ahead Load Response Charge Allocation		25,209	(3)	Demand
8	Real-Time Load Response Charge Allocation		60,901	(3)	Demand
9	Non-Firm Point-to-Point (Billing Line 2140)		(111,941)	(3)	Demand
10	Total Costs Recoverable In Rider BTR	\$	118,637,650		
11	RTEP Credit	\$	(6,586,209)		
12	Total Net Costs Recoverable In Rider BTR	\$	112,051,441		

- Notes (1) Projection based on Attachment H-22A filed with FERC on May 15, 2018. In addition, the months of June through September 2019 include an increase of 9.74% which reflects the fact that the NITS rate generally increases in June of each year.
- (2) Projection based on annualization of actual amount per PJM invoice for May 2018.
- (3) Annualized invoice charges supplied by PJM for the period June 2017 through May 2018.
- (4) Annualized invoice charges supplied by PJM for the period June 2017 through May 2018, decreased by 10.41% based on the Schedule 1A rate contained in the Attachment H-22A filed with FERC on May 15, 2018.
- (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**



Line	Rate Schedule (a)	Proposed Rate \$/kW-month (b)		Current Rate \$/kW-month (d)		Billing Determinants <sup>(1)</sup> kW (f) kWh (g)		Proposed Revenues \$ (h)		Current Revenues <sup>(2)</sup> \$ (i)		Variance \$ (j)		Percentage Change (k)
		\$/kW-month	\$/kWh <sup>(3)</sup>	\$/kW-month	\$/kWh <sup>(3)</sup>	kW	kWh	\$		\$		\$		
1	Residential (RS, TD, ORH)		0.008899		0.005839		7,427,156,072	\$ 51,239,949.74		\$ 43,367,164.30		\$ 7,872,785.44		18.15%
2	Secondary Distribution (DS)	1.957700	(0.000119)	1.893200	(0.000727)	19,244,913	6,461,155,708	36,906,888.53		31,737,208.36		5,169,680.17		16.29%
3	Electric Space Heating (EH)		0.006952		0.006689		67,903,430	465,274.30		454,206.04		11,068.26		2.44%
4	Secondary Distribution Service Small (DM)		0.006547		0.005855		562,789,654	3,684,452.92		3,295,016.32		389,436.60		11.82%
5	Unmetered Small Fixed Loads (GSFL, ADPL)		0.006840		0.005830		29,389,814	201,026.33		171,342.62		29,683.71		17.32%
6	Primary Distribution Voltage (DP)	1.748900	(0.000119)	1.792700	(0.000727)	4,753,059	2,096,313,342	8,063,163.60		6,996,789.07		1,066,374.53		15.24%
7	Transmission Voltage (TS)	1.944300	(0.000119)	1.908600	(0.000727)	6,432,927	3,276,547,540	12,117,630.81		9,895,894.41		2,221,736.40		22.45%
8	Lighting		0.001160		0.001191		112,767,150	130,809.89		134,305.68		(3,495.79)		-2.60%
9	Total							\$ 112,809,196.12		\$ 96,051,866.80		\$ 16,757,329.32		

Notes: (1) Demand and energy based on actual data for the 12 months ended 5/31/2018. Includes all demand and energy on Duke Energy Ohio's system.

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

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

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

Duke Energy Ohio, Inc.  
Base Transmission Rider  
Summary of Current and Proposed Rates  
For the Period October 2018 through September 2019

Line	Rate Schedule (a)	Proposed Rate		Current Rate		Variance		Percentage Change	
		\$/kW-month (b)	\$/kWh <sup>(1)</sup> (c)	\$/kW-month (d)	\$/kWh <sup>(1)</sup> (e)	\$/kW-month (f)	\$/kWh (g)	\$/kW-month (h)	\$/kWh (i)
1	Residential (RS, TD, ORH)		0.006899		0.005839		0.001060		18.15%
2	Secondary Distribution (DS)	1.957700	(0.000119)	1.893200	(0.000727)	0.0645	0.000608	3.41%	83.63%
3	Electric Space Heating (EH)		0.006852		0.006689		0.000163		2.44%
4	Secondary Distribution Service Small (DM)		0.006547		0.005855		0.000692		11.82%
5	Unmetered Small Fixed Loads (GSFL, ADPL)		0.006840		0.005830		0.001010		17.32%
6	Primary Distribution Voltage (DP)	1.748900	(0.000119)	1.792700	(0.000727)	(0.0438)	0.000608	-2.44%	83.63%
7	Transmission Voltage (TS)	1.944300	(0.000119)	1.908600	(0.000727)	0.0357	0.000608	1.87%	83.63%
8	Lighting		0.001160		0.001191		(0.000031)		-2.60%
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. 18-941-EL-RDR  
TYPICAL BILL COMPARISON  
CURRENT versus PROPOSED RATES - RIDER BTR  
ELECTRIC SERVICE

Schedule B-4  
Page 1 of 9

LINE NO.	RATE CODE	LEVEL of DEMAND (A) (KW)	LEVEL of USE (B) (KWH)	BILL DATA			
				CURRENT BILL (1)	PROPOSED BILL (1)	DOLLAR INCR/(DECR) (D - C)	PERCENT INCR/(DECR) (E / C)
				(C) (\$)	(D) (\$)	(E) (\$)	(F) (%)
1	RS	SUMMER					
2		NA	300	42.68	43.00	0.32	0.7
3		NA	400	53.22	53.64	0.42	0.8
4		NA	500	63.76	64.29	0.53	0.8
5		NA	800	95.39	96.24	0.85	0.9
6		NA	1,000	116.48	117.54	1.06	0.9
7		NA	1,500	168.92	170.51	1.59	0.9
8		NA	2,000	221.36	223.48	2.12	1.0
9	RS	WINTER					
10		NA	300	42.68	43.00	0.32	0.7
11		NA	400	53.22	53.64	0.42	0.8
12		NA	500	63.76	64.29	0.53	0.8
13		NA	800	95.39	96.24	0.85	0.9
14		NA	1,000	116.48	117.54	1.06	0.9
15		NA	1,500	159.05	160.64	1.59	1.0
16		NA	3,000	286.30	289.48	3.18	1.1
17		NA	6,000	540.34	546.70	6.36	1.2
18	ORH	SUMMER					
19		NA	1,000	100.52	101.58	1.06	1.1
20		NA	1,500	143.92	145.51	1.59	1.1
21		NA	2,000	187.31	189.43	2.12	1.1
22		NA	3,000	273.64	276.82	3.18	1.2
23	ORH	WINTER					
24		20	1,000	104.60	105.66	1.06	1.0
25		20	2,000	166.12	168.24	2.12	1.3
26		20	3,000	227.18	230.36	3.18	1.4
27		20	6,000	384.68	391.04	6.36	1.7
28	RSLI	SUMMER					
29		NA	300	38.68	39.00	0.32	0.8
30		NA	400	49.22	49.64	0.42	0.9
31		NA	500	59.76	60.29	0.53	0.9
32		NA	800	91.39	92.24	0.85	0.9
33		NA	1,000	112.48	113.54	1.06	0.9
34		NA	1,500	164.92	166.51	1.59	1.0
35		NA	2,000	217.36	219.48	2.12	1.0
36	RSLI	WINTER					
37		NA	300	38.68	39.00	0.32	0.8
38		NA	400	49.22	49.64	0.42	0.9
39		NA	500	59.76	60.29	0.53	0.9
40		NA	800	91.39	92.24	0.85	0.9
41		NA	1,000	112.48	113.54	1.06	0.9
42		NA	1,500	155.05	156.64	1.59	1.0
43		NA	3,000	282.30	285.48	3.18	1.1
44		NA	6,000	536.34	542.70	6.36	1.2

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

DUKE ENERGY OHIO  
CASE NO. 18-041-EL-RDR  
TYPICAL BILL COMPARISON  
CURRENT versus PROPOSED RATES - RIDER BTR  
ELECTRIC SERVICE

Schedule B-4  
Page 2 of 9

LINE NO.	RATE CODE	LEVEL of DEMAND (A) (KW)	LEVEL OFF-PEAK USE (B) (KWH)	LEVEL ON-PEAK USE (C) (KWH)	BILL DATA			
					CURRENT BILL (1)	PROPOSED BILL (1)	DOLLAR INCR/(DECR) (E - D)	PERCENT INCR/(DECR) (F / D)
					(D) (\$)	(E) (\$)	(F) (\$)	(G) (%)
1	TD	SUMMER						
2		NA	1,000	400	217.67	219.15	1.48	0.7
3		NA	1,500	500	285.44	287.56	2.12	0.7
4		NA	1,460	540	294.50	296.62	2.12	0.7
5		NA	2,500	500	360.22	363.40	3.18	0.9
6		NA	2,700	600	405.28	408.78	3.50	0.9
7		NA	2,700	700	435.40	439.00	3.60	0.8
8		NA	2,800	700	442.88	446.59	3.71	0.8
9		NA	3,700	800	540.29	545.06	4.77	0.9
10		NA	4,500	1,000	660.33	666.16	5.83	0.9
11	TD	WINTER						
12		NA	1,000	400	192.56	194.05	1.49	0.8
13		NA	1,500	500	252.88	255.00	2.12	0.8
14		NA	1,460	540	260.09	262.21	2.12	0.8
15		NA	2,500	500	322.92	326.10	3.18	1.0
16		NA	2,700	600	361.95	365.44	3.49	1.0
17		NA	2,700	700	386.97	390.57	3.60	0.9
18		NA	2,800	700	393.97	397.68	3.71	0.9
19		NA	3,700	800	482.03	486.80	4.77	1.0
20		NA	4,500	1,000	588.10	593.93	5.83	1.0

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

DUKE ENERGY OHIO  
CASE NO. 18-041-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) (KW)	LEVEL of USE (B) (KWH)	BILL DATA			
				CURRENT BILL (1)	PROPOSED BILL (1)	DOLLAR INCR/(DECR) (D - C)	PERCENT INCR/(DECR) (E / C)
				(C) (\$)	(D) (\$)	(E) (\$)	(F) (%)
1	CUR	SUMMER					
2		NA	300	42.35	42.67	0.32	0.8
3		NA	400	52.78	53.21	0.43	0.8
4		NA	500	63.22	63.75	0.53	0.8
5		NA	800	94.52	95.37	0.85	0.9
6		NA	1,000	115.38	116.44	1.06	0.9
7		NA	1,500	165.96	167.55	1.59	1.0
8		NA	2,000	216.53	218.65	2.12	1.0
9	CUR	WINTER					
10		NA	300	42.35	42.67	0.32	0.8
11		NA	400	52.78	53.21	0.43	0.8
12		NA	500	63.22	63.75	0.53	0.8
13		NA	800	94.52	95.37	0.85	0.9
14		NA	1,000	115.38	116.44	1.06	0.9
15		NA	1,500	159.59	161.18	1.59	1.0
16		NA	3,000	291.75	294.93	3.18	1.1
17		NA	6,000	555.60	561.96	6.36	1.1
18	RS3P	SUMMER					
19		NA	300	45.18	45.50	0.32	0.7
20		NA	400	55.72	56.14	0.42	0.8
21		NA	500	66.26	66.79	0.53	0.8
22		NA	800	97.89	98.74	0.85	0.9
23		NA	1,000	118.98	120.04	1.06	0.9
24		NA	1,500	171.42	173.01	1.59	0.9
25		NA	2,000	223.86	225.98	2.12	0.9
26	RS3P	WINTER					
27		NA	300	45.18	45.50	0.32	0.7
28		NA	400	55.72	56.14	0.42	0.8
29		NA	500	66.26	66.79	0.53	0.8
30		NA	800	97.89	98.74	0.85	0.9
31		NA	1,000	118.98	120.04	1.06	0.9
32		NA	1,500	161.55	163.14	1.59	1.0
33		NA	3,000	288.80	291.98	3.18	1.1
34		NA	6,000	542.84	549.20	6.36	1.2

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



DUKE ENERGY OHIO  
CASE NO. 18-041-EL-RDR  
TYPICAL BILL COMPARISON  
CURRENT versus PROPOSED RATES - RIDER BTR  
ELECTRIC SERVICE

Schedule B-4  
Page 4 of 9

LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	BILL DATA			
				CURRENT BILL (1)	PROPOSED BILL (1)	DOLLAR INCR/(DECR) (D - C)	PERCENT INCR/(DECR) (E / C)
				(C)	(D)	(E)	(F)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)
1	DS	30	6,000	710.48	716.06	5.58	0.8
2		30	9,000	854.46	861.86	7.40	0.9
3		30	12,000	992.85	1,002.08	9.23	0.9
4		50	10,000	1,144.19	1,153.50	9.31	0.8
5		50	15,000	1,384.16	1,396.51	12.35	0.9
6		50	20,000	1,612.01	1,627.40	15.39	1.0
7		75	15,000	1,686.34	1,700.29	13.95	0.8
8		75	20,000	1,923.50	1,940.50	17.00	0.9
9		75	30,000	2,383.87	2,406.95	23.08	1.0
10		100	20,000	2,225.68	2,244.29	18.61	0.8
11		100	30,000	2,700.02	2,724.71	24.69	0.9
12		100	40,000	3,155.73	3,186.50	30.77	1.0
13		300	60,000	6,540.43	6,596.28	55.83	0.9
14		300	90,000	7,963.44	8,037.51	74.07	0.9
15		300	120,000	9,330.57	9,422.88	92.31	1.0
16		500	100,000	10,855.18	10,948.23	93.05	0.9
17		500	200,000	15,505.41	15,659.26	153.85	1.0
18		500	300,000	19,969.04	20,183.69	214.65	1.1
19	EH	WINTER					
20		NA	9,400	918.12	919.65	1.53	0.2
21		NA	23,600	2,209.67	2,213.52	3.85	0.2
22		NA	37,800	3,498.09	3,504.25	6.16	0.2

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

DUKE ENERGY OHIO  
CASE NO. 18-041-EL-RDR  
TYPICAL BILL COMPARISON  
CURRENT versus PROPOSED RATES - RIDER BTR  
ELECTRIC SERVICE

Schedule B-4  
Page 5 of 9

LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	BILL DATA			
				CURRENT BILL (1)	PROPOSED BILL (1)	DOLLAR INCR/(DECR) (D - C)	PERCENT INCR/(DECR) (E / C)
				(C)	(D)	(E)	(F)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)
1	DM	SUMMER					
2		1	72	24.81	24.86	0.05	0.2
3		1	144	33.49	33.59	0.10	0.3
4		1	288	50.85	51.05	0.20	0.4
5		5	360	59.53	59.78	0.25	0.4
6		5	720	102.92	103.42	0.50	0.5
7		5	1,440	189.72	190.71	0.99	0.5
8		10	720	102.92	103.42	0.50	0.5
9		10	1,440	189.72	190.71	0.99	0.5
10		10	2,880	357.55	359.55	2.00	0.6
11		15	1,080	146.32	147.07	0.75	0.5
12		15	2,160	276.44	277.93	1.49	0.5
13		15	4,320	434.25	437.24	2.99	0.7
14		15	6,480	541.35	545.84	4.49	0.8
15	DM	WINTER					
16		1	72	23.83	23.88	0.05	0.2
17		1	144	31.54	31.64	0.10	0.3
18		1	288	46.94	47.14	0.20	0.4
19		5	360	54.64	54.89	0.25	0.5
20		5	720	93.16	93.66	0.50	0.5
21		5	1,440	170.19	171.18	0.99	0.6
22		10	720	93.16	93.66	0.50	0.5
23		10	1,440	170.19	171.18	0.99	0.6
24		10	2,880	319.58	321.57	1.99	0.6
25		15	1,080	131.67	132.42	0.75	0.6
26		15	2,160	247.14	248.64	1.50	0.6
27		15	4,320	396.27	399.26	2.99	0.8
28		15	6,480	503.37	507.85	4.48	0.9

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

DUKE ENERGY OHIO  
CASE NO. 18-941-EL-RDR  
TYPICAL BILL COMPARISON  
CURRENT versus PROPOSED RATES - RIDER BTR  
ELECTRIC SERVICE

Schedule B-4  
Page 6 of 9

LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	BILL DATA			
				CURRENT BILL (1)	PROPOSED BILL (1)	DOLLAR INCR/(DECR) (D - C)	PERCENT INCR/(DECR) (E / C)
				(C)	(D)	(E)	(F)
		(KW)	(KWH)	(\$)	(\$)	(\$)	(%)
1	DP	100	14,400	2,081.87	2,086.25	4.38	0.2
2		100	28,800	2,780.07	2,793.20	13.13	0.5
3		100	43,200	3,441.24	3,463.13	21.89	0.6
4		200	28,800	3,887.99	3,896.74	8.75	0.2
5		200	57,600	5,283.71	5,309.97	26.26	0.5
6		200	86,400	6,606.06	6,649.83	43.77	0.7
7		300	43,200	5,693.77	5,706.90	13.13	0.2
8		300	86,400	7,787.34	7,826.73	39.39	0.5
9		300	129,600	9,770.87	9,836.53	65.66	0.7
10		500	72,000	9,305.33	9,327.21	21.88	0.2
11		500	144,000	12,794.62	12,860.27	65.65	0.5
12		500	216,000	16,100.50	16,209.93	109.43	0.7
13		800	115,200	14,722.67	14,757.67	35.00	0.2
14		800	230,400	20,305.53	20,410.57	105.04	0.5
15		800	345,600	25,594.94	25,770.03	175.09	0.7
16		1000	144,000	18,334.23	18,377.98	43.75	0.2
17		1000	288,000	25,312.80	25,444.11	131.31	0.5
18		1000	432,000	31,924.57	32,143.43	218.86	0.7
19		1500	216,000	27,363.13	27,428.76	65.63	0.2
20		1500	432,000	37,830.99	38,027.94	196.95	0.5
21		1500	648,000	47,748.64	48,076.92	328.28	0.7
22		3000	432,000	54,449.83	54,581.09	131.26	0.2
23		3000	864,000	75,383.44	75,777.36	393.92	0.5
24		3000	1,296,000	95,189.46	95,846.02	656.56	0.7

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

DUKE ENERGY OHIO  
CASE NO. 18-941-EL-RDR  
TYPICAL BILL COMPARISON  
CURRENT versus PROPOSED RATES - RIDER BTR  
ELECTRIC SERVICE

Schedule B-4  
Page 7 of 9

LINE NO.	RATE CODE	LEVEL of DEMAND (A)	LEVEL of USE (B)	BILL DATA			
				CURRENT BILL (1)	PROPOSED BILL (1)	DOLLAR INCR/(DECR) (D - C)	PERCENT INCR/(DECR) (E / C)
				(C)	(D)	(E)	(F)
		(KVA)	(KWH)	(\$)	(\$)	(\$)	(%)
1	TS	1,000	200,000	15,166.51	15,325.63	159.12	1.0
2		1,000	400,000	24,286.76	24,569.31	282.55	1.2
3		2,500	500,000	37,601.35	37,999.16	397.81	1.1
4		2,500	1,000,000	60,389.64	61,096.01	706.37	1.2
5		5,000	1,000,000	74,980.40	75,776.02	795.62	1.1
6		5,000	2,000,000	120,512.85	121,925.59	1,412.74	1.2
7		10,000	2,000,000	149,694.38	151,285.62	1,591.24	1.1
8		10,000	4,000,000	240,759.27	243,584.75	2,825.48	1.2
9		10,000	5,000,000	284,953.38	288,395.98	3,442.60	1.2
10		10,000	6,000,000	328,624.77	332,684.49	4,059.72	1.2
11		20,000	4,000,000	299,122.33	302,304.81	3,182.48	1.1
12		20,000	8,000,000	481,252.11	486,903.07	5,650.96	1.2
13		20,000	12,000,000	656,983.11	665,102.55	8,119.44	1.2
14		40,000	16,000,000	962,237.79	973,539.71	11,301.92	1.2
15		40,000	24,000,000	1,313,699.79	1,329,938.67	16,238.88	1.2
16		80,000	32,000,000	1,924,209.15	1,946,812.99	22,603.84	1.2
17		80,000	48,000,000	2,627,133.15	2,659,610.91	32,477.76	1.2
18		160,000	64,000,000	3,848,151.87	3,893,359.55	45,207.68	1.2
19		160,000	96,000,000	5,253,999.87	5,318,955.39	64,955.52	1.2

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

DUKE ENERGY OHIO  
CASE NO. 18-041-EL-RDR  
TYPICAL BILL COMPARISON  
CURRENT versus PROPOSED RATES - RIDER BTR  
ELECTRIC SERVICE

Schedule B-4  
Page 8 of 9

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	4.35	4.40	0.05	1.1
2		NA	100	8.08	8.18	0.10	1.2
3		NA	150	11.80	11.95	0.15	1.3
4		NA	200	15.52	15.72	0.20	1.3
5		NA	250	19.24	19.50	0.26	1.4
6		NA	300	22.97	23.27	0.30	1.3
7		NA	350	26.69	27.04	0.35	1.3
8		NA	400	30.41	30.82	0.41	1.3
9	< 540hrs	NA	50	4.53	4.58	0.05	1.1
10		NA	100	8.42	8.52	0.10	1.2
11		NA	150	12.32	12.47	0.15	1.2
12		NA	200	16.21	16.41	0.20	1.2
13		NA	250	20.11	20.36	0.25	1.2
14		NA	300	24.00	24.30	0.30	1.3
15		NA	350	27.90	28.25	0.35	1.3
16		NA	400	31.79	32.19	0.40	1.3
SFL							
17		NA	1	0.72	0.72	0.00	0.0
18		NA	5	1.08	1.09	0.01	0.9
19		NA	10	1.52	1.55	0.03	2.0

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



DUKE ENERGY OHIO  
CASE NO. 18-941-EL-RDR  
TYPICAL BILL COMPARISON  
CURRENT versus PROPOSED RATES - RIDER BTR  
ELECTRIC SERVICE

Schedule B-4  
Page 9 of 9

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	16.56	16.55	(0.01)	(0.1)
2		NA	400	21.87	21.86	(0.01)	0.0
3		NA	500	27.18	27.17	(0.01)	0.0
4		NA	800	43.11	43.09	(0.02)	0.0
5		NA	1,000	53.73	53.70	(0.03)	(0.1)
6		NA	1,500	80.28	80.24	(0.04)	0.0
7		NA	2,000	106.83	106.77	(0.06)	(0.1)
8		NA	2,500	133.15	133.08	(0.07)	(0.1)
9		NA	3,000	159.47	159.38	(0.09)	(0.1)
10		NA	3,500	185.79	185.69	(0.10)	(0.1)
11		NA	4,000	212.11	211.99	(0.12)	(0.1)

(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)
		Oct 2018 (b)	Nov 2018 (c)	Dec 2018 (d)	Jan 2019 (e)	Feb 2019 (f)	Mar 2019 (g)	Apr 2019 (h)	May 2019 (i)	Jun 2019 (j)	Jul 2019 (k)	Aug 2019 (l)	Sep 2019 (m)	
1	Network Integrated Transmission Services (NITS)	\$8,066,443	\$7,806,235	\$8,066,443	\$8,066,443	\$7,285,819	\$8,066,443	\$7,806,235	\$8,066,443	\$8,568,562	\$8,822,115	\$8,822,115	\$8,568,562	\$38,067,858
2	Schedule 1A - Transmission Owner Scheduling and System Control and Dispatch	314,943	314,943	314,943	314,943	314,943	314,943	314,943	314,943	314,943	314,943	314,943	314,943	\$3,779,318
3	Schedule 2 - Reactive Supply and Voltage Control from Generation and Other Sources	471,357	471,357	471,357	471,357	471,357	471,357	471,357	471,357	471,357	471,357	471,357	471,357	\$5,662,284
4	Schedule 12 - RTEP - Expansion Planning (RTEP)	1,276,160	1,276,160	1,276,160	1,276,160	1,276,160	1,276,160	1,276,160	1,276,160	1,276,160	1,276,160	1,276,160	1,276,160	\$15,313,920
5	Schedule 12 - RTEP - Order 494	(885,420)	(885,420)	(885,420)	(885,420)	(885,420)	(885,420)	(885,420)	(885,420)	(885,420)	(885,420)	(885,420)	(885,420)	(\$8,727,711)
6	Midwest Transmission Expansion Planning (MTEP)	381,151	381,151	381,151	381,151	381,151	381,151	381,151	381,151	381,151	381,151	381,151	381,151	\$4,573,812
7	Day-Ahead Load Response Charge Allocation	2,101	2,101	2,101	2,101	2,101	2,101	2,101	2,101	2,101	2,101	2,101	2,101	\$25,209
8	Real-Time Load Response Charge Allocation	5,075	5,075	5,075	5,075	5,075	5,075	5,075	5,075	5,075	5,075	5,075	5,075	\$60,901
9	Non-Firm Point-to-Point (Bidding Line 2140)	(9,328)	(9,328)	(9,328)	(9,328)	(9,328)	(9,328)	(9,328)	(9,328)	(9,328)	(9,328)	(9,328)	(9,328)	(\$11,941)
10	Miscellaneous Other Includable Charges (e.g., PUCO Consultant Fees)													
11	Total	\$9,622,482	\$9,362,274	\$9,622,482	\$9,622,482	\$8,841,858	\$9,622,482	\$9,362,274	\$9,622,482	\$10,122,801	\$11,040,597	\$11,040,597	\$10,755,039	\$118,637,650

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



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

Line	Rate Classification	Coincident Peak Demand Allocation		Total Energy Allocation		Allocated Rev Req		Total Projected Allocated Rev Req	Allocated Under(Over) Recovery (n)	Allocated Carrying Charges (o)	Total Allocated Rev Req	Billing Determinants (p)		Calculated Rate		Rate Including CAT (r)	
		12 CP (kW) (m)	% (c)	Sales (kWh) (d)	% (e)	Demand (f)	Energy (g)					Demand (i)	Energy (m)	\$/kW-mo (n)	\$/kW (o)	\$/kW-mo (p)	\$/kW (q)
1	Residential (RS, TD, ORH)	1,944,188	45.711%	7,427,156,072	37.072%	\$52,502,892	\$1,401,068	\$53,903,960	(\$1,439,759)	(\$100,054)	\$52,364,147	7,427,156,072		0.007050		0.007058	
2	Secondary Distribution (DS)	1,387,033	32.611%	6,461,156,708	32.251%	\$37,456,451	\$1,218,868	\$38,675,319	(\$1,027,148)	(\$71,390)	\$37,576,791	19,244,913		1.952600		1.957700	
3	Electric Space Heating (EH)	17,539	0.412%	67,903,430	0.339%	\$473,216	\$12,812	\$486,028	(\$12,977)	(\$902)	\$472,149	67,903,430		0.006953		0.006971	
4	Secondary Distribution Service Small (DM)	138,712	3.261%	562,769,654	2.809%	\$3,745,530	\$106,161	\$3,851,691	(\$102,712)	(\$7,138)	\$3,741,841	562,769,654		0.006649		0.006666	
5	Unmetered Small Fixed Loads (GSFL, ADPL)	7,560	0.178%	29,389,814	0.147%	\$204,448	\$5,556	\$210,004	(\$5,606)	(\$390)	\$204,008	29,389,814		0.006941		0.006959	
6	Primary Distribution Voltage (DP)	301,210	7.082%	2,098,313,342	10.464%	\$8,134,267	\$395,468	\$8,529,735	(\$223,062)	(\$15,501)	\$8,291,172	4,753,059		1.744400		1.746900	
7	Transmission Voltage (TS)	452,317	10.635%	3,276,547,540	16.355%	\$12,215,184	\$618,107	\$12,833,291	(\$334,970)	(\$23,278)	\$12,475,043	6,432,327		1.938200		1.944300	
8	Lighting	4,691	0.110%	112,787,150	0.563%	\$126,344	\$21,278	\$147,622	(\$3,465)	(\$241)	\$143,916	112,787,150		0.001276		0.001279	
9	Total	4,253,250	100.000%	20,034,003,710	100.000%	\$114,856,332	\$3,779,318	\$118,637,650	(\$3,149,699)	(218,894)	\$115,269,067						

Notes: (1) 12 CP is based on 12 months ended December 31, 2017 kWh and Load Research data.  
(2) Energy based on actual data for the 12 months ended 5/31/2018. Demand based on actual data for the 12 months ended 5/31/2018.  
(3) Includes all demand and energy on Duke Energy Ohio's system.  
(4) Calculated rate including the Commercial Activities Tax at an effective rate of 0.26068%.  
(5) Source: Schedule C-1. Demand allocated revenue requirement includes Sch. 9 (NITS), Sch. 2, Sch. 12 (RTEP), MTEP, Day-Ahead Load Response, Real-Time Load Response and Non-Firm Point-to-Point.  
(6) Source: Schedule D-3a, Page 2, Line 7.  
(7) Source: Schedule D-3a, Pages 1 & 2, Line 5.

Line	Rate Classification (a)	12 CP (kW) (b)	Coincident Peak Allocation Percentages (c)	Allocated Rev Req Sch 12 (d)	Allocated (Under)/Over Recovery (e)	Allocated Carrying Charges (f)	Total Allocated Rev Req (g)	Billing Determinants (h) Energy	Calculated Rate \$/kWh (i)	Rate including CAT (j) \$/kWh
1	Residential (RS, TD, ORH)	1,944,188	45.711%	\$3,010,623	(\$1,775,327)	\$23,188	\$1,258,484	7,427,156,072	(0.000169)	(0.000169)
2	Non-Residential:									
3	Secondary Distribution (DS)	1,387,033	32.611%	\$2,147,829	(\$1,266,548)	\$16,543	\$897,824	6,461,156,708	(0.000119)	(0.000119)
4	Electric Space Heating (EH)	17,539	0.412%	\$27,135	(\$16,001)	\$209	\$11,343	67,903,430	(0.000119)	(0.000119)
5	Secondary Distribution Service Small (DM)	138,712	3.261%	\$214,776	(\$126,651)	\$1,854	\$88,779	562,769,654	(0.000119)	(0.000119)
6	Unmetered Small Fixed Loads (GSFL, ADPL)	7,560	0.178%	\$11,723	(\$6,913)	\$90	\$4,900	29,389,814	(0.000119)	(0.000119)
7	Primary Distribution Voltage (DP)	301,210	7.082%	\$466,435	(\$275,051)	\$3,592	\$194,976	2,096,313,342	(0.000119)	(0.000119)
8	Transmission Voltage (TS)	452,317	10.635%	\$700,443	(\$413,043)	\$5,395	\$292,795	3,276,547,540	(0.000119)	(0.000119)
9	Lighting	4,691	0.110%	\$7,245	(\$4,272)	\$56	\$3,029	112,767,150	(0.000119)	(0.000119)
10	Sub-Total Non-Residential	2,309,082	54.289%	\$3,575,586	(\$2,108,479)	\$27,539	\$1,494,646	12,606,847,638	(0.000119)	(0.000119)
11	Total Duke Energy Ohio	4,253,250	100.000%	\$6,586,209	(\$3,883,806)	\$50,727	\$2,753,130	20,034,003,710		

Notes: (1) 12 CP is based on 12 months ended December 31, 2017 kWh and Load Research data.

(2) Energy based on actual data for the 12 months ended 5/31/2018. 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 \$94,368,265. Within 30 days of the RTEP Commitment being fully credited back to customers, Duke Energy Ohio shall inform the Commission that credits have ceased by filing a letter of termination with the Commission.

(5) Per Commission Order in Case No. 11-2641-EL-RDR, the RTEP Commitment is allocated first between residential and nonresidential customers using 12 CP.

The amount of the credit allocated to both residential and nonresidential customers is credited to customers on an energy basis.

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

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

(8) Source: Schedule C-1.

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



Line	Scheduled Transmission Charges	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18
1	Network Integration Transmission Services (NITS)	\$ 6,870,512.45	\$ 7,164,844.42	\$ 7,099,529.44	\$ 6,870,512.60	\$ 7,099,530.04	\$ 6,870,512.68	\$ 7,099,529.52	\$ 6,736,044.91	\$ 6,084,169.46	\$ 6,736,044.79	\$ 6,518,753.46	\$ 6,542,473.67
2	Schedule 1A - Transmission Owner Scheduling and System Control and Dispatch	365,045.35	413,304.46	385,487.39	331,510.90	313,135.13	315,586.76	375,547.95	401,318.79	318,790.34	343,514.62	308,780.80	357,087.30
3	Schedule 2 - Reactive Supply and Voltage Control from Generation and Other Sources	422,992.11	427,204.97	425,236.32	423,880.99	427,434.03	404,781.08	401,257.68	454,634.15	670,822.01	1,751,244.48	489,116.42	471,356.50
4	Schedule 1A - Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	(84.46)	(282.74)	(321.48)	(292.12)	(540.40)	(743.28)	(188.94)	(1,076.31)	(1,184.76)	(1,642.38)	(1,105.78)	(3,193.66)
5	Schedule 12 - Regional Transmission Expansion Planning (RTEP)	1,410,334.63	1,426,869.68	1,413,338.58	1,413,338.33	1,413,338.73	1,413,338.81	1,428,640.21	1,333,128.17	1,333,128.14	1,333,128.50	1,256,284.18	1,276,159.57
6	Schedule 12 - RTEP - Order 494												
7	Midwest Transmission Expansion Planning (MTEP)	398,686.00	399,690.99	399,211.48	399,211.49	399,211.54	399,211.49	399,211.50	406,851.94	406,851.98	381,151.08	381,151.12	377,865.17
8	Day-Ahead Load Response Charge Allocation	924.51	1,605.40	1,773.36	1,270.19	1,349.47	1,750.62	890.73	8,601.49	2,231.11	1,415.79	1,802.08	1,494.73
9	Real-Time Load Response Charge Allocation	5,994.48	3,314.80	6,444.26	5,241.57	7,893.89	4,472.32	3,691.24	7,304.35	3,940.45	5,244.11	3,950.77	3,408.85
10	Non-Firm Point-to-Point (Billing Line 2140)	(10,222.52)	(6,027.73)	(6,543.09)	(8,765.43)	(9,670.77)	(10,922.61)	(20,236.02)	(11,881.94)	(4,690.26)	(7,178.65)	(9,456.09)	(6,344.42)
11	PJM Customer Payment Default												
12	Miscellaneous Bilateral												
13	Sub Total Transmission Charges	\$9,464,182.55	\$9,830,724.25	\$9,724,136.28	\$9,435,906.52	\$9,651,681.66	\$9,397,987.87	\$9,688,443.87	\$9,334,925.55	\$8,814,066.47	\$10,542,921.34	\$8,949,294.96	\$9,020,307.71
14	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
15	Total Transmission Charges	\$9,464,182.55	\$9,830,724.25	\$9,724,136.28	\$9,435,906.52	\$9,651,681.66	\$9,397,987.87	\$9,688,443.87	\$9,334,925.55	\$8,814,066.47	\$10,542,921.34	\$8,949,294.96	\$9,020,307.71

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

Line	Description	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18
<b>Rate Schedule</b>													
1	Secondary Distribution Service Small (DM)	\$347,250.03	\$382,708.91	\$352,910.90	\$303,256.86	\$238,195.19	\$259,085.03	\$292,504.65	\$303,167.40	\$273,612.91	\$254,401.79	\$255,182.69	\$254,132.80
2	Primary Distribution Voltage (DP)	775,772.25	755,758.88	725,153.20	659,217.71	551,713.47	624,413.73	613,397.30	496,831.10	570,534.78	563,993.15	553,187.44	610,157.30
3	Secondary Distribution (DS)	3,282,070.43	3,250,068.46	3,065,685.50	2,822,220.70	2,505,755.26	2,796,302.10	2,703,548.31	2,338,387.20	2,406,562.22	2,485,113.69	2,424,438.08	2,755,876.37
4	Electric Space Heating (EH)	39.26	0.00	(57.14)	4.09	38,459.60	48,538.75	65,163.11	79,819.85	65,762.55	55,291.41	52,053.71	44,595.94
5	Unmetered Small Fixed Loads (GSFL, ADPL)	18,287.28	17,963.67	16,716.19	15,746.13	13,979.57	16,320.72	9,822.40	13,207.96	13,752.71	14,321.92	14,054.31	15,221.18
6	Lighting	5,609.27	5,432.18	5,077.78	4,516.66	10,549.48	12,422.37	12,132.51	10,167.22	10,574.12	11,184.82	10,857.44	11,653.13
7	Residential (RS, TD, ORH)	4,124,295.74	5,008,932.18	4,599,241.93	3,609,541.93	2,815,887.05	3,140,023.31	4,051,213.02	4,771,720.24	3,803,845.33	3,312,888.94	3,216,351.88	2,974,483.19
8	Transmission Voltage (TS)	1,086,929.50	1,095,012.20	952,728.66	861,005.01	716,228.32	779,940.20	867,590.26	773,093.81	774,135.60	752,241.86	845,065.17	598,169.24
9	<b>Total Revenue</b>	<b>\$9,640,253.76</b>	<b>\$10,475,894.48</b>	<b>\$9,677,387.02</b>	<b>\$8,275,509.09</b>	<b>\$6,890,767.94</b>	<b>\$7,677,046.21</b>	<b>\$8,620,371.56</b>	<b>\$8,786,384.78</b>	<b>\$7,918,780.22</b>	<b>\$7,449,437.59</b>	<b>\$7,371,190.72</b>	<b>\$7,264,289.15</b>
10	BTR Revenues	\$11,156,428.21	\$12,184,637.17	\$11,251,640.43	\$9,675,334.35	\$8,083,488.92	\$8,962,780.57	\$10,148,022.07	\$10,363,803.61	\$9,298,990.27	\$8,639,194.89	\$8,643,341.37	\$8,586,175.20
11	CAT Tax @ 0.28%	(\$26,937.49)	(\$31,597.90)	(\$29,178.40)	(\$25,090.63)	(\$20,962.57)	(\$23,294.66)	(\$26,319.03)	(\$26,927.66)	(\$24,114.69)	(\$22,403.66)	(\$22,414.41)	(\$22,266.16)
12	BTR Revenue excluding CAT Tax	\$11,129,490.72	\$12,153,039.27	\$11,222,462.03	\$9,650,243.72	\$8,062,526.35	\$8,939,485.91	\$10,122,703.04	\$10,336,875.95	\$9,274,875.59	\$8,616,791.23	\$8,620,926.96	\$8,563,909.04
13	RTEP Credit	(\$1,516,175.45)	(\$1,708,742.69)	(\$1,574,253.41)	(\$1,399,825.26)	(\$1,192,720.98)	(\$1,305,734.36)	(\$1,528,650.51)	(\$1,597,408.83)	(\$1,380,210.05)	(\$1,189,757.31)	(\$1,272,150.65)	(\$1,321,886.05)
14	CAT Tax @ 0.28%	\$3,931.83	\$4,431.21	\$4,082.44	\$3,630.11	\$3,093.03	\$3,366.11	\$3,964.18	\$4,142.49	\$3,579.24	\$3,085.35	\$3,299.01	\$3,427.99
15	RTEP Credit excluding CAT Tax	(\$1,512,243.62)	(\$1,704,311.49)	(\$1,570,170.97)	(\$1,396,195.15)	(\$1,189,627.95)	(\$1,302,348.25)	(\$1,524,686.33)	(\$1,593,266.34)	(\$1,376,630.81)	(\$1,186,671.96)	(\$1,268,851.64)	(\$1,318,458.06)

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

Line	Description	Reference	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Total
<b>BTR Reconciliation</b>															
1	Transmission Charges	Sch D-1, Line 13	\$9,464,182.55	\$9,530,724.25	\$9,724,136.28	\$9,435,908.52	\$9,651,681.86	\$9,397,987.87	\$9,688,443.87	\$9,334,925.55	\$9,814,066.47	\$10,542,921.34	\$9,949,294.96	\$9,020,307.71	\$113,654,581.03
2	Revenue Collected in BTR	Sch D-2, Line 12	11,127,437.72	12,153,039.27	11,222,462.03	9,850,243.72	8,062,326.35	8,959,485.91	10,122,703.04	10,356,875.73	9,274,875.59	8,616,791.23	8,620,926.96	8,563,909.04	116,731,338.59
3	Current Month Over (Under) Collection		\$1,663,315.17	\$2,322,315.02	\$1,496,325.75	\$214,335.20	\$1,589,355.31	(\$438,501.96)	\$434,259.17	\$1,021,950.18	\$460,809.12	(\$1,026,130.11)	(\$328,368.00)	(\$456,398.67)	\$2,876,755.56
4	Prior Period Over (Under) Collection <sup>(1)</sup>		(849,552.89)	(849,552.89)	(849,552.89)	(849,552.89)	(849,552.89)	354,746.26	354,746.26	354,746.26	354,746.26	354,746.26	354,746.26	354,746.26	(960,241.48)
5	Carrying Charges from prior period <sup>(2)</sup>		(68,255.50)	(68,255.50)	(68,255.50)	(68,255.50)	(68,255.50)	(20,317.33)	(20,317.33)	(20,317.33)	(20,317.33)	(20,317.33)	(20,317.33)	(20,317.33)	(435,560.64)
6	Over (Under) Collection from prior filing														
7	Net Over (Under) Collection to Include in Rates	To Sch. D-3, Page 2	\$745,506.78	\$1,404,506.63	\$580,517.36	(\$703,473.19)	(\$1,254,726.38)	(\$104,073.03)	\$768,688.10	\$1,356,379.11	\$795,238.05	(\$1,591,701.18)	\$6,060.83	(\$121,969.74)	\$1,680,953.44
<b>RTEP Credit Reconciliation</b>															
8	RTEP Charges to be Refunded	Sch D-1, Lines 5 & 6	(1,410,334.63)	(1,426,869.68)	(1,413,338.58)	(1,413,338.33)	(1,413,338.73)	(1,413,338.81)	(1,426,640.21)	(1,333,128.17)	(1,333,128.14)	(1,333,128.50)	(1,256,284.18)	(1,276,159.57)	(\$16,451,027.53)
9	Revenue Refunded in RTEP Credit	Sch D-2, Line 15	(1,512,243.62)	(1,704,311.48)	(1,570,170.97)	(1,396,195.15)	(1,189,627.95)	(1,302,348.25)	(1,524,686.33)	(1,593,266.34)	(1,376,630.81)	(1,186,671.96)	(1,268,851.64)	(1,318,458.06)	(16,943,462.56)
10	Current Month Over (Under) Collection		(\$101,908.99)	(\$277,441.80)	(\$156,832.39)	\$17,143.18	\$223,710.76	\$110,990.56	(\$96,046.12)	(\$260,138.17)	(\$43,502.67)	\$148,456.54	(\$12,567.46)	(\$42,288.48)	(\$492,435.03)
11	Prior Period Over (Under) Collection <sup>(3)</sup>		71,992.46	71,992.46	71,992.46	71,992.46	71,992.46	(29,371.29)	(29,371.29)	(29,371.29)	(29,371.29)	(29,371.29)	(29,371.29)	(29,371.29)	52,999.92
12	Carrying Charges from prior period <sup>(4)</sup>		21,077.25	21,077.25	21,077.25	21,077.25	7,665.25	7,665.25	7,665.25	7,665.25	7,665.25	7,665.25	7,665.25	7,665.25	145,631.00
13	Over (Under) Collection from prior filing														
14	Net Over (Under) Collection to Include in Rates	To Sch. D-3, Page 2	(\$8,639.28)	(\$164,372.09)	(\$63,762.68)	\$110,212.89	\$202,004.74	\$89,284.52	(\$117,752.16)	(\$281,844.21)	(\$65,208.71)	\$124,750.50	(\$34,273.50)	(\$64,001.53)	(\$293,804.51)

Notes: (1) June - September 2017 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 16-1514-EL-RDR.  
October 2017 - May 2018 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 17-1436-EL-RDR.  
(2) June - September 2017 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 16-1514-EL-RDR.  
October 2017 - May 2018 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 17-1436-EL-RDR.  
(3) June - September 2017 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 16-1514-EL-RDR.  
October 2017 - May 2018 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 17-1436-EL-RDR.  
(4) June - September 2017 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 16-1514-EL-RDR.  
October 2017 - May 2018 represents one-twelfth of the under (over) recovered balance included on Schedule C-3 in Case No. 17-1436-EL-RDR.



Line	Description	Reference	Projected				Actual	Total	
			Jun-18	Jul-18	Aug-18	Sep-18			
<b>BTR Reconciliation</b>									
1	Transmission Charges	WPD-1a	10,247,694.00	9,622,482.00	9,622,482.00	9,362,274.00	\$113,854,581.03	\$152,709,513.03	
2	Revenue Collected in BTR <sup>(4)</sup>	Company Records	9,206,842.26	10,239,787.79	10,119,515.90	9,219,815.85	\$116,731,336.59	\$155,517,298.39	
3	Current Month Over- (Under-) Collection		(\$1,040,851.74)	\$617,305.79	\$497,033.90	(\$142,458.15)	\$2,876,755.56	\$2,807,785.36	
4	Prior Period Over (Under) Collection <sup>(1)</sup>		354,746.26	354,746.26	354,746.26	354,746.26	(\$560,241.48)	\$858,743.56	
5	Carrying Charges from prior period <sup>(2)</sup>		(20,317.33)	(20,317.33)	(20,317.33)	(20,317.33)	(\$435,560.64)	(\$516,829.96)	
6	Over- (Under-) Collection from prior filing								
7	Net Over (Under) Collection to Include in Rates	To Sch. C-3	(\$706,422.81)	\$951,734.72	\$831,462.83	\$191,970.78	\$1,880,953.44	\$3,149,698.96	
<b>RTEP Credit Reconciliation</b>									
8	RTEP Charges to be Refunded	WPD-1a	(1,276,160.00)	(390,740.00)	(390,740.00)	(390,740.00)	(16,451,027.53)	(\$18,899,407.53)	
9	Revenue Refunded in RTEP Credit <sup>(4)</sup>	Company Records	(1,394,430.76)	(1,589,866.59)	(1,557,151.17)	(1,410,108.64)	(16,943,462.56)	(\$22,895,019.72)	
10	Current Month Over- (Under-) Collection		(\$118,270.76)	(\$1,199,126.59)	(\$1,166,411.17)	(\$1,019,368.64)	(\$3,503,177.16)	(\$492,435.03)	(\$3,995,612.19)
11	Prior Period Over (Under) Collection <sup>(1)</sup>		(29,371.29)	(29,371.29)	(29,371.29)	(29,371.29)	(117,485.16)	52,999.52	(\$64,485.64)
12	Carrying Charges from prior period <sup>(3)</sup>		7,665.25	7,665.25	7,665.25	7,665.25	30,661.00	145,631.00	\$176,292.00
13	Over- (Under-) Collection from prior filing								
14	Net Over (Under) Collection to Include in Rates	To Sch. C-3a	(\$139,976.80)	(\$1,220,832.63)	(\$1,188,117.21)	(\$1,041,074.68)	(\$293,804.51)	(\$3,883,805.83)	

Notes: (1) June - September 2018 represents one-twelfth of the Allocated Under(Over) Recovery from Case No. 17-1436-EL-RDR.  
(2) June - September 2018 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3 in Case No. 17-1436-EL-RDR.  
(3) June - September 2018 represents one-twelfth of the Allocated Carrying Charges included on Schedule C-3a in Case No. 17-1436-EL-RDR.  
(4) June - September 2018 estimated using rates approved in Case No. 17-1436-EL-RDR applied to 2017 billing determinants.



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

Line	Description	Reference	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18
1	BTR													
2	Monthly Balances													
3	Beginning Balance of Over- (Under-) Recovery													
4	Current Month Over- (Under-) Collection	Sch D-3, Pg 1, Line 3	(\$942,501.54)	\$1,021,652.63	\$3,353,844.65	\$4,870,159.40	\$5,106,560.60	\$3,536,521.29	\$3,112,726.33	\$3,581,747.50	\$4,801,753.68	\$5,083,885.80	\$3,176,124.89	\$2,861,109.69
5	Carrying Charge @ 5.32% (a)	To Sch. C-3	\$1,663,315.17	2,322,315.02	1,488,325.75	214,335.20	(1,589,155.31)	(438,501.86)	434,259.17	1,021,950.18	460,608.12	(1,926,130.11)	(328,368.00)	(456,388.67)
6	Ending Balance		\$1,021,652.63	\$3,353,844.65	\$4,870,159.40	\$5,106,560.60	\$3,536,521.29	\$3,112,726.33	\$3,581,747.50	\$4,801,753.68	\$5,083,885.80	\$3,176,124.89	\$2,861,109.69	\$2,416,394.02
7	RTEP Credit													
8	Monthly Balances													
9	Beginning Balance of Over- (Under-) Recovery													
10	Current Month Over- (Under-) Collection	Sch D-3, Pg 1, Line 10	\$1,441,454.38	\$1,345,710.39	\$1,073,619.59	\$921,199.20	\$942,464.38	\$1,170,849.16	\$1,287,276.72	\$1,196,724.60	\$941,315.43	\$901,889.76	\$1,052,869.30	\$1,044,740.84
11	Carrying Charge @ 5.32% (a)	To Sch. C-3a	(101,908.99)	(277,441.80)	(196,632.39)	17,143.18	223,710.78	110,980.56	(96,046.12)	(280,138.17)	(43,502.67)	146,456.54	(12,567.48)	(42,298.49)
12	Ending Balance		\$1,345,710.39	\$1,073,619.59	\$921,199.20	\$942,464.38	\$1,170,849.16	\$1,287,276.72	\$1,196,724.60	\$941,315.43	\$901,889.76	\$1,052,869.30	\$1,044,740.84	\$1,006,900.35

(a) Long term debt costs included in Case No. 12-1682-EL-AIR.

Line	Description	Reference	Projected			
			Jun-18	Jul-18	Aug-18	Sep-18
1	<b>BTR</b>					
2	Monthly Balances					
3	Beginning Balance of Over- (Under-) Recovery		\$2,416,384.02	\$1,383,937.28	\$2,008,747.07	\$2,515,787.97
4	Current Month Over- (Under-) Collection	Sch D-3, Pg 2, Line 3	(\$1,040,851.74)	\$617,305.79	\$497,033.90	(\$142,458.15)
5	Carrying Charge @ 5.32% (a)	To Sch. C-3	8,405.00	7,504.00	10,007.00	10,838.00
6	Ending Balance		\$1,383,937.28	\$2,008,747.07	\$2,515,787.97	\$2,384,167.82
7	<b>RTEP Credit</b>					
8	Monthly Balances					
9	Beginning Balance of Over- (Under-) Recovery		\$1,006,980.35	\$892,911.59	(\$304,914.00)	(\$1,475,262.17)
10	Current Month Over- (Under-) Collection	Sch D-3, Pg 2, Line 10	(\$118,270.76)	(\$1,199,126.59)	(\$1,166,411.17)	(\$1,019,368.64)
11	Carrying Charge @ 5.32% (a)	To Sch. C-3a	4,202.00	1,301.00	(3,937.00)	(8,800.00)
12	Ending Balance		\$892,911.59	(\$304,914.00)	(\$1,475,262.17)	(\$2,503,430.81)

(a) Long term debt costs included in Case No. 12-1682-EL-AIR.

**Network Integration Transmission Service (NITS)**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Duke Energy Ohio has no control over the costs.

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

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

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

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

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

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

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

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

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

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

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

**Regional Transmission Expansion Planning – Schedule 12**

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

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

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

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

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

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

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

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



**MISO Transmission Expansion Plan**

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

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

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

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

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

Duke Energy Ohio has no control over the costs.

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

N/A see response to c), above.

**Day-Ahead Load Response Charge Allocation**

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

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

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

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

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

Duke Energy Ohio has no control over the costs.

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

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

**Real-Time Load Response Charge Allocation**

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

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

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

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

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

Duke Energy Ohio has no control over the costs.

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

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

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

**Commission of Ohio Docketing Information System on**

**7/13/2018 3:09:53 PM**

**in**

**Case No(s). 18-0941-EL-RDR**

Summary: Application Application of Duke Energy Ohio, Inc. to Adjust and Set the Rates for Rider BTR electronically filed by Mrs. Adele M. Frisch on behalf of Duke Energy Ohio, Inc. and D'Ascenzo, Rocco O and Kingery, Jeanne W