



Public Utilities Commission of Ohio
Attn: Docketing Division
11th Floor
180 East Broad Street
Columbus, OH 43215-3793

(
(Case No. 18-6000-EL-UNC
(

Enclosed for filing, pursuant to the above referenced case, are copies of Duke Energy Ohio's Retail Capacity Rider and Retail Energy Rider. Also enclosed are support documents related to both Riders

Very truly yours,

R:\data\wordfiles\tariff memos\Ohio Electric RC and RE Riders

RIDER RC

RETAIL CAPACITY RIDER

APPLICABILITY

Applicable to all retail jurisdictional customers in the Company's electric service territory who receive electric generation service from the Company under the Standard Service Offer (SSO). Rider RC does not apply to customers taking generation service from a Competitive Retail Electric Service provider.

DESCRIPTION

For the term of the Electric Security Plan approved in Case No. 14-841-EL-SSO, Rider RC rates will be calculated based on the wholesale Final Zonal Capacity Price (FZCP) associated with the annual auctions conducted by PJM Interconnection, LLC. The wholesale FZCP for the period in which Rider RC rates are effective will be converted into retail rates using the methodology approved by the Commission. Rider RC rates will be established for three periods: June 1, 2015, through May 31, 2016; June 1, 2016, through May 31, 2017; and June 1, 2017, through May 31, 2018. The Company will make a filing with the Commission proposing Rider RC rates for each rate-effective period within thirty days after the Commission approves the auction results that fulfill the SSO obligation for all 100 tranches during the rate-effective period.

CHARGES

For the billing months of June 2017 through May 2018, the following Rider RC rates apply:

<u>Tariff Sheet</u>	<u>RC Charge</u> <u>(per kWh/kW)</u>
Rates RS, RS3P, RSLI, Residential Service (Non-PIPP)	
Summer, First 1000 kWh	\$0.020768
Summer, Additional kWh	\$0.020768
Winter, First 1000 kWh	\$0.020768
Winter, Additional kWh	\$0.010896
Rate ORH, Opt Res Service With Electric Space Heating (Non-PIPP)	
Summer, First 1000 kWh	\$0.014893
Summer, Additional kWh	\$0.014893
Summer, kWh greater than 150 times demand	\$0.014893
Winter, First 1000 kWh	\$0.014893
Winter, Additional kWh	\$0.006283
Winter, kWh greater than 150 times demand	\$0.004696

Filed pursuant to an Order dated _____ in Case No. 18-6000-EL-RDR before the Public Utilities Commission of Ohio.

Issued:

Effective: June 1, 2018

Issued by James P. Henning, President

CHARGES (Contd.)

<u>Tariff Sheet</u>	<u>RC Charge</u> <u>(per kWh/kW)</u>
Rate TD, Optional Time-of-Day Rate	
Summer, On-Peak kWh	\$0.062478
Summer, Off-Peak kWh	\$0.004078
Winter, On-Peak kWh	\$0.064122
Winter, Off-Peak kWh	\$0.004082
Rate CUR, Common Use Residential Service	
Summer, First 1000 kWh	\$0.019451
Summer, Additional kWh	\$0.019451
Winter, First 1000 kWh	\$0.019451
Winter, Additional kWh	\$0.016530
Rate DS, Service at Secondary Distribution Voltage	
First 150 kWh per kW	\$0.031101
Next 150 kWh per kW	\$0.003730
Next 150 kWh per kW	\$0.001867
Additional kWh	\$0.000621
Rate GS-FL, Optional Unmetered For Small Fixed Loads	
kWh Greater Than or Equal to 540 Hours	\$0.014792
kWh Less Than 540 Hours	\$0.017162
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads	
Attached Directly to Company's Power Lines	
All kWh	\$0.014792
Rate EH, Optional Rate For Electric Space Heating	
All kWh	\$0.020462
Rate DM, Secondary Distribution Service, Small	
Summer, First 2800 kWh	\$0.018592
Summer, Next 3200 kWh	\$0.018592
Summer, Additional kWh	\$0.009368
Winter, First 2800 kWh	\$0.018592
Winter, Next 3200 kWh	\$0.018592
Winter, Additional kWh	\$0.009367
Rate DP, Service at Primary Distribution Voltage	
First 150 kWh per kW	\$0.035199
Next 150 kWh per kW	\$0.003435
Next 150 kWh per kW	\$0.002100
Additional kWh	\$0.000872
Rate TS, Service at Transmission Voltage	
First 150 kWh per kVA	\$0.028471
Next 150 kWh per kVA	\$0.003241
Next 150 kWh per kVA	\$0.001890
Additional kWh	\$0.000702

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CHARGES (Continued)

<u>Tariff Sheet</u>	<u>RC Charge</u> <u>(per kWh/kW)</u>
Rate SL, Street Lighting Service	
All kWh	\$0.001929
Rate TL, Traffic Lighting Service	
All kWh	\$0.001167
Rate OL, Outdoor Lighting Service	
All kWh	\$0.001929
Rate NSU, Street Lighting Service for Non-Standard Units	
All kWh	\$0.001929
Rate NSP, Private Outdoor Lighting for Non-Standard Units	
All kWh	\$0.001929
Rate SE, Street Lighting Service - Overhead Equivalent	
All kWh	\$0.001929
Rate SC, Street Lighting Service - Customer Owned	
Energy Only - All kWh	\$0.000044
Units – All kWh	\$0.001929
Rate UOLS, Unmetered Outdoor Lighting Electric Service	
All kWh	\$0.000044
Rates RS, RS3P, RSLI, Residential Service (PIPP)	
Summer, First 1000 kWh	
Summer, Additional kWh	
Winter, First 1000 kWh	
Winter, Additional kWh	
Rate ORH, Opt Res Service With Electric Space Heating (PIPP)	
Summer, First 1000 kWh	
Summer, Additional kWh	
Summer, kWh greater than 150 times demand	
Winter, First 1000 kWh	
Winter, Additional kWh	
Winter, kWh greater than 150 times demand	

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RIDER RE

RETAIL ENERGY RIDER

APPLICABILITY

Applicable to all retail jurisdictional customers in the Company's electric service territory who receive electric generation service from the Company under the Standard Service Offer (SSO). Rider RE does not apply to customers taking generation service from a Competitive Retail Electric Service provider.

DESCRIPTION

Rider RE recovers costs related to the provision of electric energy (kWh) in the Duke Energy Ohio service territory, as determined through the competitive bid process (SSO Auction). For the purpose of deriving Rider RE rates from the overall SSO Auction results, the costs of capacity included in the price of the SSO Auction result will be deducted from the overall price of the SSO Auction approved by the Commission for delivery during the rate-effective year. The average cost of capacity on a 'per kWh' basis will be calculated by multiplying the Company's PJM Interconnection, LLC (PJM) reliability obligation as set forth in the terms of the PJM Reliability Assurance Agreement for the SSO Auction delivery period by the Final Zonal Capacity Price(s) for the delivery period and dividing by projected kWh sales for the delivery period. The average retail energy price on a per kWh basis, before distribution losses, will be calculated by subtracting the average cost of capacity from the Commission-approved SSO Auction price for the applicable rate-effective period.

CHARGES

The charge for each respective electric service rate schedule is:

<u>Tariff Sheet</u>	<u>RE Charge</u> <u>(per kWh)</u>
Rates RS, RSLI, & RS3P, Residential Service (Non-PIPP)	
Summer, First 1000 kWh	\$0.039769
Summer, Additional kWh	\$0.039217
Winter, First 1000 kWh	\$0.039769
Winter, Additional kWh	\$0.029349

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Effective: June 1, 2018

Duke Energy Ohio
139 East Fourth Street
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19
Sheet No. 112.9
Cancels and Supersedes
Sheet No. 112.8
Page 2 of 3

CHARGES (Continued)

<u>Tariff Sheet</u>	<u>RE Charge</u> <u>(per kWh)</u>
Rate ORH, Opt Res Service with Electric Space Heating (Non-PIPP)	
Summer, First 1000 kWh	\$0.029688
Summer, Additional kWh	\$0.027001
Summer, kWh greater than 150 times demand	\$0.027001
Winter, First 1000 kWh	\$0.029687
Winter, Additional kWh	\$0.020918
Winter, kWh greater than 150 times demand	\$0.019844
Rate TD, Optional Time-of-Day Rate	
Summer, On-Peak kWh	\$0.164758
Summer, Off-Peak kWh	\$0.044883
Winter, On-Peak kWh	\$0.124036
Winter, Off-Peak kWh	\$0.040035
Rate CUR, Common Use Residential Service	
Summer, First 1000 kWh	\$0.039990
Summer, Additional kWh	\$0.036801
Winter, First 1000 kWh	\$0.039990
Winter, Additional kWh	\$0.026986
Rate DS, Service at Secondary Distribution Voltage	\$0.038270
Rate EH, Optional Rate for Electric Space Heating	\$0.038270
Rate DM, Secondary Distribution Service, Small	
Summer, First 2800 kWh	\$0.041886
Summer, Next 3200 kWh	\$0.018607
Summer, Additional kWh	\$0.013580
Winter, First 2800 kWh	\$0.041726
Winter, Next 3200 kWh	\$0.018606
Winter, Additional kWh	\$0.013566
Rate DP, Service at Primary Distribution Voltage	\$0.038270
Rate GS-FL, Optional Unmetered For Small Fixed Loads	\$0.038270
Rate SFL-ADPL, Optional Unmetered Rate For Small Fixed Loads	\$0.038270
Attached Directly to Company's Power Lines	
Rate TS, Service at Transmission Voltage	\$0.036958
Rate SL, Street Lighting Service	\$0.038270
Rate TL, Traffic Lighting Service	\$0.038270
Rate OL, Outdoor Lighting Service	\$0.038270
Rate NSU, Street Lighting Service for Non-Standard Units	\$0.038270

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Sheet No. 112.9
Cancels and Supersedes
Sheet No. 112.8
Page 3 of 3

CHARGES (Continued)

Tariff Sheet

RE Charge
(per kWh)

Rate NSP, Private Outdoor Lighting for Non-Standard Units	\$0.038270
Rate SC, Street Lighting Service - Customer Owned	\$0.038270
Rate SE, Street Lighting Service - Overhead Equivalent	\$0.038270
Rate UOLS, Unmetered Outdoor Lighting Electric Service	\$0.038270
Rates RS, RSLI, & RS3P, Residential Service (PIPP)	
Summer, First 1000 kWh	
Summer, Additional kWh	
Winter, First 1000 kWh	
Winter, Additional kWh	
Rate ORH, Opt Res Service with Electric Space Heating (PIPP)	
Summer, First 1000 kWh	
Summer, Additional kWh	
Summer, kWh greater than 150 times demand	
Winter, First 1000 kWh	
Winter, Additional kWh	
Winter, kWh greater than 150 times demand	

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Effective: June 1, 2018

Duke Energy Ohio
Methodology for Calculating Average Riders RC and RE

Month	Auction 1			Auction 2			Auction 3	Auction 4	Auction 5	Auction 6	Auction 7	Auction 8	Auction 9	Auction 10	Auction 11	Auction 12	Avg Auctions Prior to Delivery Period		
	Jun 18-May 21	Jun 18-May 20	Jun 18-May 19	Jun 18-May 21	Jun 18-May 20	Jun 18-May 19	Jun 18-May 22	Jun 19-May 22	Jun 20-May 23	Jun 20-May 23	Jun 21-May 24	Jun 21-May 24	Jun 22-May 24	Jun 22-May 24	Jun 23-May 24	Jun 23-May 24	Total	RC #	RE
Auction 1	17%	17%	16%	17%	17%	16%	16%	16%	17%	17%	17%	17%	16%	16%	17%	17%			
Auction 2	Feb-18																		
Auction 3	Jun-18	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										\$50.21	\$14.64	\$35.08
	Jul-18	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										50.31	\$14.64	35.08
	Aug-18	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										50.31	\$14.64	35.08
	Sep-18	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										50.31	\$14.64	35.08
	Oct-18	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										50.31	\$14.64	35.08
Auction 4	Nov-18	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										50.31	\$14.64	35.08
	Dec-18	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										50.31	\$14.64	35.08
	Jan-19	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										50.31	\$14.64	35.08
	Feb-19	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										50.31	\$14.64	35.08
	Mar-19	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										50.31	\$14.64	35.08
Auction 5	Apr-19	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										50.31	\$14.64	35.08
	May-19	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										50.31	\$14.64	35.08
	Jun-19	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										33.53		33.53
	Jul-19	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										33.53		33.53
	Aug-19	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										33.53		33.53
Auction 6	Sep-19	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										33.53		33.53
	Oct-19	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										33.53		33.53
	Nov-19	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										33.53		33.53
	Dec-19	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										33.53		33.53
	Jan-20	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										33.53		33.53
Auction 7	Feb-20	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										33.53		33.53
	Mar-20	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										33.53		33.53
	Apr-20	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										33.53		33.53
	May-20	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										33.53		33.53
	Jun-20	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										18.74	0.00	18.74
Auction 8	Jul-20	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										18.74	0.00	18.74
	Aug-20	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										18.74	0.00	18.74
	Sep-20	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										18.74	0.00	18.74
	Oct-20	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										18.74	0.00	18.74
	Nov-20	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										18.74	0.00	18.74
Auction 9	Dec-20	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										18.74	0.00	18.74
	Jan-21	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										18.74	0.00	18.74
	Feb-21	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										18.74	0.00	18.74
	Mar-21	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										18.74	0.00	18.74
	Apr-21	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										18.74	0.00	18.74
Auction 10	May-21	\$48.75	\$48.27	\$52.06	\$48.71	\$49.48	\$52.87										18.74	0.00	18.74
	Jun-21																0.00	0.00	0.00
	Jul-21																0.00	0.00	0.00
	Aug-21																0.00	0.00	0.00
	Sep-21																0.00	0.00	0.00
Auction 11	Oct-21																0.00	0.00	0.00
	Nov-21																0.00	0.00	0.00
	Dec-21																0.00	0.00	0.00
	Jan-22																0.00	0.00	0.00
	Feb-22																0.00	0.00	0.00
Auction 12	Mar-22																0.00	0.00	0.00
	Apr-22																0.00	0.00	0.00
	May-22																0.00	0.00	0.00
	Jun-22																0.00	0.00	0.00
	Jul-22																0.00	0.00	0.00
Auction 13	Aug-22																0.00	0.00	0.00
	Sep-22																0.00	0.00	0.00
	Oct-22																0.00	0.00	0.00
	Nov-22																0.00	0.00	0.00
	Dec-22																0.00	0.00	0.00
Auction 14	Jan-23																0.00	0.00	0.00
	Feb-23																0.00	0.00	0.00
	Mar-23																0.00	0.00	0.00
	Apr-23																0.00	0.00	0.00
	May-23																0.00	0.00	0.00
Auction 15	Jun-23																0.00	0.00	0.00
	Jul-23																0.00	0.00	0.00
	Aug-23																0.00	0.00	0.00
	Sep-23																0.00	0.00	0.00
	Oct-23																0.00	0.00	0.00
Auction 16	Nov-23																0.00	0.00	0.00
	Dec-23																0.00	0.00	0.00
	Jan-24																0.00	0.00	0.00
	Feb-24																0.00	0.00	0.00
	Mar-24																0.00	0.00	0.00
Auction 17	Apr-24																0.00	0.00	0.00
	May-24																0.00	0.00	0.00
	Jun-24																0.00	0.00	0.00

Duke Energy Ohio
Convert Capacity and Energy Prices for Proposed Delivery Periods

Period	Methodology for Calculating Average Price for Rider RC					
	Underlying Capacity Price		Days in Period	Capacity Cost Total Retail ⁽³⁾	Projected MWh In Period ⁽⁴⁾	Average Capacity Price ⁽⁵⁾
	Demand (MW) ⁽¹⁾	FZCP Per MW-Day ⁽²⁾				
Jun '18 - May '19	5,199	\$164.70	365	\$312,528,461	21,354,158	\$14.64
Jun '19 - May '20						
Jun '20 - May '21						
Jun '21 - May '22						
Jun '22 - May '23						
Jun '23 - May '24						

Note: ⁽¹⁾ Reliability Obligation as reported to PJM.
⁽²⁾ PJM's Final Zonal Capacity Price at load zone.
⁽³⁾ Estimated MWh sales, grossed up for T & D losses. Assumes no switching.

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INCREASED RETAIL MWH BY T&D LOSSES
FROM PAGE 6

Duke Energy Ohio
Allocations of Capacity Costs for Rate Design - June 2018 - May 2019

No	Description	Allocation of Rider RC Revenue Requirement			PJM 5CP Demand ⁽¹⁾
		Percent of Total From Page 3a	Allocated \$	Allocated \$ Plus CAT ⁽²⁾	
	<i>Rate Schedule:</i>				From Page 3a
1	Residential (RS, TD, ORH)	44.00%	\$137,513,643	\$137,872,114	1,445,136
3	Secondary Distribution - Small (DM)	3.12%	\$9,743,709	\$9,769,109	102,397
5	Secondary Distribution (DS)	32.91%	\$102,862,325	\$103,130,466	1,080,984
6	Primary Distribution (DP)	9.67%	\$30,227,793	\$30,306,591	317,665
7	Transmission Voltage (TS)	10.25%	\$32,038,805	\$32,122,324	336,697
8	Lighting	0.05%	\$142,186	\$142,557	1,494
9	Total	100.00%	<u>\$312,528,461</u>	<u>\$313,343,161</u>	<u>3,284,373</u>

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⁽¹⁾ Class demand at the retail level at the time of the five PJM peaks.

⁽²⁾ CAT factor is 1.0026068.

DUKE ENERGY OHIO

Coincident Demand (CD) at PJM peak hours, per rate class for Ohio

Reported at "Customer Meter Level" (-without transmission & distribution losses-)

Reported at KW level

OHIO

	RS	DS	DP	TS	DM	EH*	TL (Traffic Lighting)
	Residential	Distribution Secondary	Distribution Primary	Transmission Service	Small Commercial	Electric Heat (DS)	Calculated below
	CD in KW @ PJM peak hr	CD in KW @ PJM peak hr	CD in KW @ PJM peak hr	CD in KW @ PJM peak hr	CD in KW @ PJM peak hr	CD in KW @ PJM peak hr	CD in KW @ PJM peak hr
Year 2017							
PJM Peak Date/Time (Hour Ending)							
6-12-17 @ 6pm	1,783,912	1,071,904	312,615	366,581	104,840	n/a	n/a
6-13-17 @ 5pm	1,084,756	1,012,245	308,389	342,127	100,703	n/a	n/a
7-19-17 @ 6pm	1,601,374	1,083,259	311,849	327,559	96,541	n/a	n/a
7-20-17 @ 5pm	1,415,868	1,143,333	333,522	325,109	105,834	n/a	n/a
7-21-17 @ 5pm	1,339,771	1,094,179	321,848	322,109	104,066	n/a	n/a
Average	1,445,136	1,080,984	317,665	336,697	102,397		1,494
Percent	44.00%	32.91%	9.67%	10.25%	3.12%	0.00%	0.05%

Notes:

Midwest rates are not segregated by Commercial & Industrial customers.

*EH: October thru May only. During summer months, accounts are represented in DS class.

Traffic lights operate 24 hours per day.

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CALCULATION OF TRAFFIC LIGHTING COINCIDENT DEMAND

COMPANY	1
SERV	E

Sum of USAGE	RATECODE		
MONTH	TL	Grand Total	
Jun-17	1,097,177	1,097,177	
Jul-17	1,092,957	1,092,957	
Aug-17	1,037,431	1,037,431	
Grand Total	3,227,565	3,227,565	

Average kWh	1,075,855
Average kW	1,494

DUKE ENERGY OHIO
JUNE 2018 - MAY 2019 CAPACITY PRICES FROM AUCTION ⁽¹⁾

	June 2018 - May 2019 Forecast			June 2018 - May 2019			Forecast June 18 - May 19 7,001,430.027	Case No. 12-1882
	kWh; kW; kVA	RC Revenue June 2017 - May 2018 Rates	Allocation Factor	Allocated Cap Cost	Allocated Revenue	Rates (\$/kWh; kW; kVA)		
Rates RS, RS3P, and RSLI, Residential Service				\$137,872,114				
Summer, First 1000 kWh	1,789,224,495	\$33,061,979	26.951%		\$37,157,781	\$0.020768		1,794,322,031
Summer, Additional kWh	844,644,631	15,607,669	12.723%		17,541,186	\$0.020768		847,051,040
Winter, First 1000 kWh	3,422,982,902	\$63,251,196	51.560%		71,086,914	\$0.020768		3,432,735,048
Winter, Additional kWh	944,578,000	9,157,792	7.465%		10,292,282	\$0.010896		947,269,121
Rate DRH, Optional Residential Service							8,079,347	704,644
Summer, First 1000 kWh	893,185	\$11,836	0.010%		\$13,302	\$0.014893		623,198
Summer, Additional kWh	789,946	10,468	0.009%		11,764	\$0.014893		448,301
Summer, kWh greater than 150 times demand	568,252	7,530	0.006%		8,463	\$0.014893		1,715,309
Winter, First 1000 kWh	2,174,272	28,811	0.023%		32,381	\$0.014893		1,823,493
Winter, Additional kWh	2,311,403	12,922	0.011%		14,523	\$0.006283		1,058,948
Winter, kWh greater than 150 times demand	1,342,289	5,608	0.005%		6,303	\$0.004696		
Rate TD, Optional Time-of-Day Rate							285,588	39,961
Summer, On-Peak kWh	27,060	\$1,638	0.001%		\$1,691	\$0.062478		103,596
Summer, Off-Peak kWh	70,219	255	0.000%		286	\$0.004078		63,194
Winter, On-Peak kWh	42,793	2,308	0.002%		2,744	\$0.064122		214,890
Winter, Off-Peak kWh	145,516	528	0.000%		594	\$0.004082		
Rate TD-13, Optional Time-of-Day Rate							-	-
Summer, On-Peak kWh		\$0			-			
Winter, On-Peak kWh		\$0			-			
Off-Peak kWh		\$0			-			
Rate CUR, (Rev. Class 01, 02, 04, 16 & 18 only)							89,994,699	18,866,414
Summer, First 1000 kWh	19,268,095	\$333,470	0.272%		\$374,781	\$0.019451		7,398,823
Summer, Additional kWh	7,556,350	130,777	0.107%		146,978	\$0.019451		45,572,249
Winter, First 1000 kWh	46,542,519	805,504	0.657%		905,292	\$0.019451		16,281,098
Winter, Additional kWh	16,627,736	244,554	0.199%		274,850	\$0.016530		
Rate DS, Secondary Distribution Voltage				\$103,130,466			6,587,289,499	2,860,963,160
First 150 kWh per kW	2,913,445,914	\$82,549,389	87.860%		\$90,810,294	\$0.031101		2,226,036,314
Next 150 kWh per kW	2,266,871,693	7,702,408	8.198%		8,454,546	\$0.003730		1,108,666,254
Next 150 kWh per kW	1,129,004,110	1,920,622	2.044%		2,108,170	\$0.001867		272,960,477
Additional kWh	277,967,782	157,205	0.167%		172,556	\$0.000621		
Rate GS-FL, Optional Unmetered							31,206,719	29,601,884
kWh Greater Than or Equal to 540 Hours	31,143,090	\$419,688	0.447%		460,671	\$0.014792		60,480
kWh Less Than 540 Hours	63,629	995	0.001%		1,092	\$0.017162		
Rate SFL-ADPL, Optional Unmetered								517,846
All kWh	63,780	\$7,342	0.008%		8,059	\$0.014792		
Rate EH, Optional Electric Space Heating							69,443,303	
All kWh	64,268,864	\$1,198,086	1.275%		1,315,079	\$0.020462		
Rate DM, Secondary Dist. Service, Small				\$9,769,109			559,928,637	157,465,541
Summer, First 2800 kWh	167,197,961	\$2,646,334	27.228%		\$2,659,921	\$0.018592		30,640,761
Summer, Next 3200 kWh	32,540,935	515,043	5.299%		\$517,688	\$0.018592		6,013,366
Summer, Additional kWh	6,385,032	59,509	0.612%		\$59,815	\$0.009368		292,974,557
Winter, First 2800 kWh	311,082,336	5,876,418	60.462%		\$5,906,590	\$0.018592		32,379,648
Winter, Next 3200 kWh	34,380,926	544,166	5.599%		\$546,960	\$0.018592		7,855,900
Winter, Additional kWh	6,341,447	77,736	0.800%		\$78,135	\$0.009367		
Rate DP, Service at Primary Dist.Voltage				\$30,306,591			2,178,915,516	767,986,260
First 150 kWh per kW	756,215,396	\$23,196,981	87.828%		\$26,817,778	\$0.035199		708,879,408
Next 150 kWh per kW	698,014,470	2,089,439	7.911%		2,387,564	\$0.003435		545,401,737
Next 150 kWh per kW	537,042,407	982,678	3.721%		1,127,591	\$0.002100		180,564,003
Additional kWh	187,643,243	142,626	0.540%		163,658	\$0.000872		
Rate TS, Service at Transmission Voltage				\$32,122,324			3,438,823,996	955,649,112
First 150 kWh per kVA	949,755,347	\$22,511,044	84.181%		\$27,040,735	\$0.028471		911,207,444
Next 150 kWh per kVA	905,587,784	2,443,343	9.137%		2,934,994	\$0.003241		876,578,585
Next 150 kWh per kVA	871,172,470	1,370,955	5.127%		1,646,819	\$0.001890		716,728,689
Additional kWh	712,308,415	416,056	1.556%		499,776	\$0.000702		
Rate TL, Traffic Lighting Service				\$142,557				18,168,696
All kWh	13,973,363	\$13,889	11.436%		\$16,302	\$0.001167		
Rate SL, Street Lighting Service								39,007,820
Rate OL, Outdoor Lighting Service	38,001,201	\$61,989	51.039%		\$72,760	\$0.001929		20,517,593
Rate NSU, Street Lighting	19,256,634	\$32,606	26.846%		38,271	\$0.001929		1,029,982
Rate NSP, Private Outdoor Lighting	978,492	\$1,637	1.348%		1,921	\$0.001929		1,339,766
Rate SE, Street Lighting Service	1,328,103	\$2,129	1.753%		2,499	\$0.001929		4,987,426
All kWh	5,111,163	\$7,926	6.526%		9,303	\$0.001929		
Rate SC, Street Lighting							18,263,066	20,986,249
Energy Only - All kWh	18,117,139	\$226	0.186%		\$265	\$0.000044		169,037
Unds - All kWh	145,927	269	0.221%		315	\$0.001929		
Rate UOLS, Unmetered Outdoor Lighting								16,686,247
All kWh	20,955,695	\$785	0.646%		\$921	\$0.000044		
Totals	20,078,154,389	\$279,824,342		\$313,343,161	\$313,343,162			20,007,764,999
				CHECK				

Note ⁽¹⁾ Final figures include applicable CAT

DUKE ENERGY OHIO
JUN 2018 - MAY 2019 RETAIL ENERGY RATES CONVERTED FROM AUCTION PRICE

	June 2018 - May 2019 Forecast			June 1, 2018 - May 31, 2019		
	kWh; kW; kVA	RE Revenue June 2017 - May 2018 Rates	Allocation Factor	Revenue Requirement Plus Losses & CAT	Allocated Revenue	Rates (\$/kWh; kW; kVA)
Rates RS, RS3P, and RSLI, Residential Service				\$271,710,643		
Summer, First 1000 kWh	1,789,224,495	\$81,996,676	26.188%		\$71,155,539	\$0.039769
Summer, Additional kWh	844,644,631	\$38,516,876	12.301%		33,124,392	0.039217
Winter, First 1000 kWh	3,422,982,902	\$156,868,644	50.100%		136,126,358	0.039769
Winter, Additional kWh	944,578,000	\$31,600,364	10.092%		27,722,343	0.029349
Rate ORH, Optional Residential Service						
Summer, First 1000 kWh	893,185	\$30,557	0.010%		\$26,517	\$0.029688
Summer, Additional kWh	789,946	\$24,579	0.008%		21,330	0.027001
Summer, kWh greater than 150 times demand	568,252	\$17,681	0.006%		15,344	0.027001
Winter, First 1000 kWh	2,174,272	\$74,382	0.024%		64,548	0.029687
Winter, Additional kWh	2,311,403	\$55,716	0.018%		48,350	0.020918
Winter, kWh greater than 150 times demand	1,342,289	\$30,695	0.010%		26,637	0.019844
Rate TD, Optional Time-of-Day Rate						
Summer, On-Peak kWh	27,060	\$5,138	0.002%		\$4,458	\$0.164758
Summer, Off-Peak kWh	70,219	\$3,632	0.001%		3,152	0.044883
Winter, On-Peak kWh	42,793	\$6,117	0.002%		5,308	0.124036
Winter, Off-Peak kWh	145,516	\$6,713	0.002%		5,826	0.040035
Rate TD-13, Optional Time-of-Day Rate						
Summer, On-Peak kWh			0.000%			
Winter, On-Peak kWh			0.000%			
Off-Peak kWh			0.000%			
Rate CUR, (Rev. Class 01, 02, 04, 16 & 18 only)						
Summer, First 1000 kWh	19,268,095	\$887,921	0.284%		\$770,525	\$0.039990
Summer, Additional kWh	7,556,350	\$320,448	0.102%		278,080	0.036801
Winter, First 1000 kWh	46,542,519	\$2,144,794	0.685%		1,861,221	0.039990
Winter, Additional kWh	16,627,736	\$517,083	0.165%		448,717	0.026986
Rate DM, Secondary Dist. Service, Small				\$21,428,602		
Summer, First 2800 kWh	167,197,961	\$7,807,761	32.682%		\$7,003,211	\$0.041866
Summer, Next 3200 kWh	32,540,935	\$675,037	2.826%		605,478	0.018607
Summer, Additional kWh	6,385,032	\$96,668	0.405%		86,707	0.013580
Winter, First 2800 kWh	311,082,336	\$14,471,575	60.575%		12,980,352	0.041726
Winter, Next 3200 kWh	34,380,926	\$713,188	2.985%		639,697	0.018606
Winter, Additional kWh	8,341,447	\$126,158	0.528%		113,158	0.013566
Rate TS, Service at Transmission Voltage						\$0.036958
All Other Rate Classes						
All kWh						\$0.038270
Totals				\$293,139,245	\$293,139,245	
Retail Energy Price DELIVERED AT TRANSMISSION LEVEL BEFORE LOSSES AND CAT						\$0.035679

⁽¹⁾ Distribution loss factor is 1.03552. Transmission loss factor is 1.03314. CAT factor is 1.0026068.

Duke Energy Ohio
Summary Revenue and Cost Calculation - Model Verification

Blended Clearing Price Jun 2018 Through May 2019		\$50.314500
MWh At Bus Jun 2018 Through May 2019	21,354,157,933	21,354,158
Payments To Auction Providers		\$1,074,423,779

Rider RC Revenue			\$313,343,161
Rider RE Revenue	Retail kWh	RE Rate	
Residential (RS, TD, ORH, CUR, TD-13)	7,099,789,661	\$0.038270	\$271,710,643
Electric Space Heating (EH)	64,268,864	\$0.038270	\$2,459,585
Secondary Distribution - Small (DM)	559,928,637	\$0.038270	\$21,428,602
Unmetered Small Fixed Load (GSFL, ADPL)	31,270,499	\$0.038270	\$1,196,729
Secondary Distribution (DS)	6,587,289,499	\$0.038270	\$252,097,140
Primary Distribution (DP)	2,178,915,516	\$0.038270	\$83,387,616
Transmission Voltage (TS)	3,438,823,996	\$0.036958	\$127,090,364
Lighting	117,867,717	\$0.038270	\$4,510,826
Total	20,078,154,389		\$763,881,506
Total RC plus RE			\$1,077,224,666
Total RC plus RE excluding CAT	1.0026068		\$1,074,423,858
Difference (RC/RE Revenue excluding CAT minus Payments To Auction Providers)			\$79
% Difference			0.0%

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4/17/2018 10:55:49 AM

in

Case No(s). 18-6000-EL-UNC

Summary: Tariff Duke Energy Ohio RC and RE June 2018 electronically filed by Mrs. Julie A. Lee on behalf of Duke Energy Ohio and Ziolkowski, Jim and Lee, Julie Ann Mrs.