

BEFORE  
THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of Duke	:	
Energy Ohio, Inc. For an Increases in	:	Case No. 12-1682-EL-AIR
Electric Rates	:	
	:	
In the Matter of the Application of Duke	:	
Energy Ohio, Inc. for Tariff Approval.	:	Case No. 12-1683-EL-ATA
	:	
In the Matter of the Application of Duke	:	
Energy, Ohio, Inc. for Approval To	:	Case No. 12-1684-EL-AAM
Change Accounting Methods.	:	

Prepared Testimony  
Of  
Matthew D. Snider  
Rates Division  
Utilities Department

Staff Exhibit \_\_\_\_\_

March 20, 2013

1 1. Q. Please state your name and business address.

2 A. My name is Matthew Snider. My business address is 180 East Broad Street, Columbus,  
3 Ohio, 43215.

4

5 2. Q. By whom are you employed?

6 A. I am employed by the Public Utilities Commission of Ohio (PUCO).

7

8 3. Q. What is your current position with the PUCO and what are your duties?

9 A. I am a Utility Auditor in the Rates Division within the Utilities Department. My duties  
10 include analyzing and auditing the financial statements of Public Utility Companies, for the  
11 purpose of ratemaking, that fall under the jurisdiction of the PUCO.

12

13 4. Q. Would you briefly state your educational background?

14 A. I earned a Bachelor of Science in Business from Miami University with majors in both  
15 Finance and Accounting in May of 2009.

16

17 5. Q. Please outline your work experience.

18 A. Following my graduation from Miami University in 2009. I went to work for Winfree, Ruff  
19 & Associates, Ltd, CPAs as a tax accountant. After working there for nearly two years, I  
20 joined the Public Utilities Commission in February 2011 as a Utility Auditor 1. Four months  
21 later, I was promoted to my current position of Utility Auditor 2.

22

1    6.    Q.    What's the purpose of your testimony?

2            A.    The purpose of this testimony is to address the Company's Objection #4 relating to  
3            the Staff's adjustment to test year operating income.

4

5    7.    Q.    What is the Company's objection?

6            A.    In Company Objection #4, the Company objects to Staff's use of only nine months  
7            of actual data when computing the average consumption per customer and believes  
8            that this methodology unfairly assumes that a customer's usage will be constant  
9            and equal to the nine-month average.

10

11    8.    Q.    How has Staff address the issue?

12            A.    Staff agrees with the Company, that a customer's usage will vary from month-to-  
13            month and is not constant or equal to the nine-month average. The Staff report used  
14            the first 9 months of actual data in their analysis because this was the latest known  
15            actual information at the time and planned to update for the entire twelve months  
16            when that data became available. Staff has addressed this issue by updating their  
17            average consumption per customer methodology to reflect a full 12 months of  
18            actual data.

19

1 9. Q. Did the Company have any other objections to Staff's proposal?

2 A. In Objection #4, the Company objects to Staff's use of an average consumption per  
3 customer methodology because the Company feels their forecast already takes into  
4 account conservation, regarding both price-driven and equipment energy efficiency  
5 gains.  
6

7 10. Q. What is Staff's position on the objection stated in question 10?

8 A. Staff disagrees and feels that while the Company's test year forecast of revenues  
9 may take into account measures of conservation; this measure is too conservative  
10 and understates not only the Company's revenue this year but the revenues that  
11 will be generated in future years. Staff contends that using an average consumption  
12 per customer methodology based upon actual kWh usage and actual customer  
13 count is a both logical and unbiased approach to forecasting revenues.  
14

15 11. Q. How is the average consumption per customer methodology derived?

16 A. The average consumption per customer methodology is derived from both the  
17 actual number of customers and the actual amount of usage in a particular month  
18 broken down by rate code. Each month's average monthly usage per customer is  
19 summed and divided by twelve to arrive at the average consumption per customer.  
20 This process was repeated for the Company's test year, each of the previous three  
21 years (2009, 2010, 2011) actuals, three year average of actuals and 2012 actuals.  
22 Staff's adjustment to revenue was performed by taking the percent change between

1 the test year forecasted average consumption per customer and the actual average  
2 consumption per customer (See Attachment MS-1). The percent change amount is  
3 then applied to the Company's corresponding test year kWh in the specific tariff.  
4 All of Staff's revenue adjustments to the Company's test year were performed in the  
5 exact same manner. Comparing the average consumption per customer  
6 methodology for the test year, the historical years, and the three year average have  
7 allowed the Staff to analyze current customer consumption to both the previous  
8 year's consumption and the amount of consumption the Company forecasted in  
9 their test year for reasonability.

10  
11 12. Q. Why does Staff contend that an average consumption per customer methodology  
12 based on actual customers and actual usage is the appropriate measurement for  
13 both the Company's current and future revenues?

14 A. The average consumption per customer methodology based upon both actual  
15 customer count and actual usage is an appropriate measurement because it sets  
16 both a reasonable and achievable baseline for the Company's sales. Any future  
17 growth in customers or kWh sales will result in increased revenues for the  
18 Company. Likewise, any losses to the Company's customer base or kWh sales will  
19 result in decreased revenues. Staff believes the average consumption per customer  
20 methodology for revenue is conservative and achievable based upon the revenue  
21 determinants for the Company historically and the Company's future forecasts filed  
22 with the Commission.

1 13. Q. What did Staff consider when determining an appropriate baseline amount?

2 A. When establishing a baseline for revenues Staff performed trend analysis and  
3 compared the historical revenues from the previous three years to both the  
4 Company's forecasted numbers for 2012 and the monthly updated 2012 actuals.  
5 Staff's analysis shows that the Company forecasted very conservatively in terms of  
6 kWh usage and is not indicative of the Company's customer's normal usage  
7 patterns. Staff also reviewed the Company's schedules C-11.1, C-11.3, and PUCO  
8 Form FE-D1: EDU Service Area Energy Delivery Forecast (see attachments MS-4,  
9 MS-5, MS-6) as yet another tool in the analysis of determining the validity of Staff's  
10 proposed baseline. These schedules and forms show that the company is projecting  
11 growth in both customer count and kWh usage.

12  
13 14. Q. What is Staff's recommended total Company revenue?

14 A. Staff recommends total company revenue of \$364,559,278 as supported in schedule E-  
15 4 and the accompanying E-4.1 schedules (see attachment MS-7).

16  
17 15. Q. Does this conclude your testimony?

18 A. Yes. However, I reserve the right to submit supplemental testimony as described  
19 herein, as new information subsequently becomes available or in response to  
20 positions taken by other parties.

## PROOF OF SERVICE

I hereby certify that a true copy of the foregoing Testimony of Matthew D. Snider, submitted on behalf of the Staff of the Public Utilities Commission of Ohio, was served via electronic mail, upon the parties listed below, this 20<sup>th</sup> day of March, 2013.

/s/Thomas G. Lindgren  
**Thomas G. Lindgren**  
Assistant Attorney General

### Parties of Record:

M. Howard Petricoff  
Vorys Sater Seymour & Pease LLP  
52 E. Gay Street  
P.O. Box 1008  
Columbus, Ohio 43216-1008

Andrew J Sonderman  
Kegler Brown Hill & Ritter  
65 East State Street  
Suite 1800  
Columbus, Ohio 43215

Deb J. Bingham  
Office of the Ohio Consumers' Counsel  
10 W. Broad Street, 18<sup>th</sup> Floor  
Columbus, Ohio 43215

Patti Mallamee  
Office of the Consumers' Counsel  
10 W. Broad Street, Suite 1800  
Columbus, Ohio 43215

Cathryn N. Loucas  
The Ohio Environmental Council  
1207 Grandview Avenue  
Columbus, Ohio 43212

Lisa A DeMarcus-Eyckmans  
Duke Energy Ohio  
139 E. Fourth Street, 1212 Main  
Cincinnati, Ohio 45201

Douglas E. Hart  
441 Vine Street, Suite 4192  
Cincinnati, Ohio 45202

Todd M. Williams  
Williams Allwein & Moser, LLC  
Two Maritime Plaza, 3<sup>rd</sup> Floor  
Toledo, Ohio 43604

Colleen L. Mooney  
OPAE  
231 West Lima Street  
Findlay, Ohio 45840

Teresa Orahood  
Bricker & Eckler LLP  
100 South Third Street  
Columbus, Ohio 43215-4291

Elizabeth Watts  
Duke Energy Ohio, Inc.  
155 East Broad Street, Suite 2100  
Columbus, Ohio 43215

Amy Spiller  
Duke Energy Ohio  
139 E. Fourth Street  
1303-Main, P.O. Box 961  
Cincinnati, Ohio 45201-0960

Michael L. Kurtz  
Boehm, Kurtz & Lowry  
36 E. Seventh Street, Suite 1510  
Cincinnati, Ohio 45202

Carys Cochern  
Duke Energy  
155 East Broad Street, 21<sup>st</sup> Floor  
Columbus, Ohio 43215

Ohio Manufacturers' Association  
33 N. High Street  
Columbus, Ohio 43215

Jennifer L. Lause  
Direct Energy  
21 E. State Street, 19<sup>th</sup> Floor  
Columbus, Ohio 43215

Gina L. Brigner  
Ohio Consumers' Counsel  
10 W. Broad Street, 18<sup>th</sup> Floor  
Columbus, Ohio 43215

Kimberly W. Bojko  
Carpenter Lipps & Leland LLP  
280 North High Street, Suite 1300  
Columbus, Ohio 43215

Dianne Kuhnell  
Duke Energy Business Services  
139 E. Fourth Street EA025  
P.O. Box 960  
Cincinnati, Ohio 45201

Larry Sauer  
Terry Etter  
Ohio Consumers' Counsel  
10 W. Broad Street, 18<sup>th</sup> Floor  
Columbus, Ohio 43215

Thomas O'Brien  
Bricker & Eckler LLP  
100 South Third Street  
Columbus, Ohio 43215-4291

Andrew J. Sonderman  
Kegler Brown Hill & Ritter  
65 East State Street, Suite 1800  
Columbus, Ohio 43215



Average Consumption Per Customer

Rate Code	Year	January	February	March	April	May	June	July	August	September	October	November	December	Yearly Average	Percent Change
KS	2009	1,333	1,231	952	720	721	915	1,090	1,037	1,003	783	752	1,056	970	
	2010	1,370	1,216	1,009	752	647	1,059	1,312	1,349	1,151	781	734	1,135	1,048	
	2011	1,344	1,149	959	759	799	1,022	1,255	1,405	1,047	697	749	977	1,011	
	3 Year Average	1,352	1,199	973	774	715	999	1,219	1,270	1,067	747	745	1,054	1,010	
	TV Actual DR69.2	1,152	1,102	867	609	711	914	1,148	1,197	1,066	780	746	1,059	956	1.65%
SLU	2009	1,132	1,032	857	710	744	977	1,376	1,274	1,068	701	785	978	971	
	2010	1,551	1,217	1,002	1,031	1,155	1,150	1,258	1,215	1,111	1,915	2,255	3,919	3,008	
	2011	1,923	1,599	1,426	1,119	1,223	1,427	1,587	1,624	1,264	1,676	2,435	5,100	3,277	
	3 Year Average	1,532	1,283	1,128	954	1,063	1,156	1,381	1,372	1,128	1,764	2,245	4,706	2,763	
	TV Actual DR69.2	1,409	1,086	905	758	800	1,001	1,219	1,280	1,165	1,582	2,296	4,130	3,059	0.90%
TD	2009	2,933	2,465	1,722	1,600	1,229	1,904	1,960	1,985	1,306	1,469	1,094	1,581	1,638	
	2010	2,317	1,978	1,626	1,055	1,001	1,402	1,821	1,921	1,562	1,444	1,146	1,813	1,461	
	2011	3,037	2,331	1,783	1,378	1,247	1,578	1,859	1,981	1,514	1,073	1,216	1,621	1,717	
	3 Year Average	2,759	2,258	1,710	1,344	1,158	1,487	1,880	1,986	1,460	1,262	1,132	1,672	1,645	
	TV Actual DR69.2	1,894	1,937	1,509	1,418	1,196	1,416	1,719	1,697	1,551	1,205	1,219	1,771	1,545	0.35%
TD-2012 Base	2009	1,894	1,937	1,509	1,362	1,195	1,525	2,047	1,683	1,530	1,070	1,354	1,563	1,539	
	2010														
	2011														
	3 Year Average														
	TV Actual DR69.2														
TD-2012 Max	2009														
	2010														
	2011														
	3 Year Average														
	TV Actual DR69.2														
TD-2012 Max	2009														
	2010														
	2011														
	3 Year Average														
	TV Actual DR69.2														
CUR	2009	756	730	647	574	525	511	476	488	507	496	525	674	576	
	2010	752	673	633	546	467	534	525	518	503	464	515	672	568	
	2011	734	653	632	535	505	502	505	528	485	459	510	677	555	
	3 Year Average	747	685	644	539	495	516	502	510	498	473	517	653	566	
	TV Actual DR69.2	687	627	573	535	495	483	474	492	481	459	508	651	540	0.33%
HSP	2009	2,031	1,422	1,307	998	509	485	533	503	495	458	579	623	544	
	2010	2,866	2,363	2,134	1,536	1,949	1,949	1,886	1,774	1,583	1,537	1,370	2,273	1,393	
	2011	2,465	2,389	2,098	1,730	1,933	2,108	2,860	3,037	2,605	1,930	1,623	2,755	2,300	
	3 Year Average	2,508	2,058	1,846	1,768	1,945	2,042	2,567	2,602	2,230	1,842	1,711	2,109	2,226	
	TV Actual DR69.2	2,539	1,949	1,839	1,770	1,854	2,060	2,531	2,460	2,276	1,715	1,568	2,379	1,973	
SLU	2009	1,070	952	810	567	507	755	745	723	695	544	582	803	681	
	2010	1,074	981	757	616	539	729	912	1,027	757	522	590	753	707	
	2011	715	828	922	395	359	405	672	915	771	551	578	822	752	
	3 Year Average	922	886	697	631	515	657	834	875	771	585	588	821	728	
	TV Actual DR69.2	927	835	697	551	564	712	1,035	967	790	538	588	803	754	3.98%
DS	2009	28,688	25,792	23,198	24,938	25,953	28,419	29,447	28,787	29,441	26,002	24,805	27,459	27,179	
	2010	28,872	26,875	26,318	26,150	26,272	30,750	32,365	32,407	31,347	27,425	25,415	28,484	28,596	
	2011	29,706	26,585	26,404	25,517	25,034	29,983	32,037	32,462	29,939	25,978	22,226	26,608	26,029	
	3 Year Average	29,092	26,121	26,573	25,535	25,406	29,744	31,767	31,767	30,242	26,488	25,098	27,517	27,935	
	TV Actual DR69.2	26,376	24,707	24,398	24,196	24,500	27,278	29,016	29,124	26,345	23,602	22,058	26,473	26,250	
DS	2009	26,376	24,707	24,398	24,196	24,500	27,278	29,016	29,124	26,345	23,602	22,058	26,473	26,250	
	2010	26,376	24,707	24,398	24,196	24,500	27,278	29,016	29,124	26,345	23,602	22,058	26,473	26,250	
	2011	26,376	24,707	24,398	24,196	24,500	27,278	29,016	29,124	26,345	23,602	22,058	26,473	26,250	
	3 Year Average	26,376	24,707	24,398	24,196	24,500	27,278	29,016	29,124	26,345	23,602	22,058	26,473	26,250	
	TV Actual DR69.2	26,376	24,707	24,398	24,196	24,500	27,278	29,016	29,124	26,345	23,602	22,058	26,473	26,250	5.08%



kwh

Rate Code	Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
MS	2009	791,157,291	752,845,849	584,482,428	475,954,657	410,720,783	551,595,135	654,051,959	618,106,302	590,954,294	456,190,813	450,415,243	636,279,709	7,008,704,413
	2010	827,400,459	700,862,993	411,951,353	452,181,434	407,550,922	631,212,146	786,088,879	816,232,589	683,410,639	466,193,719	440,084,802	884,517,931	7,321,210,394
	2011	806,612,297	673,899,023	341,902,614	475,880,463	444,061,009	814,621,974	749,879,594	846,846,619	627,980,400	419,814,587	456,966,762	589,403,970	7,279,946,902
	3 Year Avg	808,343,259	711,555,262	448,326,485	475,287,515	424,144,238	600,809,752	720,020,157	790,395,177	640,785,243	447,419,710	447,148,936	636,216,203	7,270,620,646
	TY Actual D069.2	893,205,681	620,384,186	326,702,262	489,631,217	428,068,014	819,423,539	723,646,900	640,636,795	471,605,192	451,949,317	451,949,317	643,951,337	6,941,211,619
	TY Actual D069.2	897,205,681	625,384,186	326,702,262	493,631,217	428,068,014	823,423,539	723,646,900	640,636,795	471,605,192	451,949,317	451,949,317	643,951,337	6,941,211,619
ORH	2009	910,360	1,103,493	707,389	491,743	365,180	430,045	492,701	436,356	420,086	384,825	453,489	793,675	7,021,374
	2010	1,190,513	911,917	859,562	428,097	360,907	470,847	514,716	514,716	454,542	311,732	464,680	1,014,858	7,330,579
	2011	1,146,786	730,670	782,928	498,237	393,577	456,307	513,701	555,045	432,091	399,364	490,698	656,123	6,893,823
	3 Year Avg	1,075,553	915,860	774,612	472,678	374,555	459,411	499,560	500,789	432,440	355,314	450,956	821,554	7,246,816
	TY Actual D069.2	868,606	717,217	538,332	392,754	379,943	427,039	454,545	458,270	433,095	391,396	451,660	716,838	6,373,893
	TY Actual D069.2	868,606	717,217	538,332	392,754	379,943	427,039	454,545	458,270	433,095	391,396	451,660	716,838	6,373,893
TD	2009	48,786	49,305	34,432	33,610	23,615	29,491	27,205	31,348	26,110	27,904	22,981	31,197	384,105
	2010	48,665	43,527	35,763	22,445	23,068	37,607	40,064	44,176	38,605	26,350	26,350	32,631	411,960
	2011	66,601	46,618	40,998	30,308	28,571	34,653	40,690	45,700	34,619	24,673	27,977	37,268	458,966
	3 Year Avg	56,021	46,483	37,064	28,688	25,816	32,590	36,093	40,288	33,769	27,061	25,770	34,379	421,110
	TY Actual D069.2	43,556	44,555	34,713	31,193	27,580	37,210	39,031	35,673	27,712	28,631	40,738	421,741	421,741
	TY Actual D069.2	43,556	44,555	34,713	31,193	27,580	37,210	39,031	35,673	27,712	28,631	40,738	421,741	421,741
TD-2012 Base	2009													
	2010													
	2011													
	TY Actual D069.2													
TD-2012 Plus	2009													
	2010													
	2011													
	TY Actual D069.2													
TD-2012 Max	2009													
	2010													
	2011													
	TY Actual D069.2													
TD-2012	2009													
	2010													
	2011													
	TY Actual D069.2													
CUR	2009	160,326	158,352	126,875	35,283	67,104	140,584	188,592	219,936	174,659	115,720	120,869	152,932	1,661,211
	2010													
	2011													
	TY Actual D069.2													
	TY Actual D069.2													
CUR	2009	9,607,625	8,596,157	8,619,719	7,540,604	6,892,412	6,754,356	6,311,287	6,474,484	6,733,432	6,600,297	6,953,269	9,069,973	91,264,182
	2010	10,034,754	8,596,157	8,786,502	7,367,963	6,202,572	7,160,959	7,057,387	6,943,315	6,801,966	6,249,833	6,972,530	9,126,860	91,306,838
	2011	9,908,655	8,467,199	8,594,639	7,327,117	6,844,448	6,848,552	6,615,574	7,171,040	6,631,083	6,237,493	6,959,552	8,391,951	90,197,431
	3 Year Avg	9,850,345	8,520,920	8,669,619	7,411,895	6,664,477	6,917,789	6,720,083	6,863,280	6,722,180	6,165,474	6,961,804	8,863,595	90,212,704
	TY Actual D069.2	9,384,506	8,594,383	7,824,024	7,260,277	6,667,381	6,569,277	6,437,747	6,676,775	6,581,438	6,375,719	6,922,854	8,889,104	88,116,586
	TY Actual D069.2	9,384,506	8,594,383	7,824,024	7,260,277	6,667,381	6,569,277	6,437,747	6,676,775	6,581,438	6,375,719	6,922,854	8,889,104	88,116,586
MSR	2009	47,406	61,157	56,189	24,503	20,443	31,501	33,377	81,592	6,909,130	6,310,992	7,385,766	8,586,744	89,431,949
	2010	48,941	37,664	345,720	244,228	272,812	379,575	387,053	457,764	477,172	314,631	266,219	454,621	3,284,395
	2011	467,021	389,447	320,223	287,153	297,646	380,467	432,853	471,049	387,214	280,943	287,400	354,308	4,385,831
	3 Year Avg	334,456	274,414	230,746	181,257	190,366	281,846	297,760	340,136	296,531	274,731	282,400	328,240	3,282,830
	TY Actual D069.2	474,749	319,585	317,943	295,544	287,316	381,394	410,740	403,457	370,218	330,335	248,013	387,091	4,176,933
	TY Actual D069.2	474,749	319,585	317,943	295,544	287,316	381,394	410,740	403,457	370,218	330,335	248,013	387,091	4,176,933
MSL	2009													
	2010													
	2011													
	TY Actual D069.2													
DS	2009	557,743,898	536,000,482	502,973,483	495,888,460	514,253,300	582,802,135	598,682,235	584,440,836	585,440,121	513,384,210	488,136,494	537,343,637	6,506,879,786
	2010	558,715,562	505,381,934	516,355,680	507,883,941	505,501,307	607,290,368	637,172,548	644,932,577	614,366,087	525,746,211	486,977,265	545,382,482	6,656,712,102
	2011	568,577,043	498,299,124	511,183,341	491,932,043	501,180,770	591,658,830	628,783,224	639,817,305	590,396,062	500,381,183	482,954,739	510,949,774	6,517,902,486
	3 Year Avg	558,012,168	513,293,857	510,170,435	498,496,813	507,314,802	591,658,830	625,588,111	628,236,009	600,700,751	513,384,868	486,026,166	511,775,796	6,560,497,962
	TY Actual D069.2	527,840,334	494,131,264	486,251,388	485,225,173	491,433,899	566,061,125	597,823,264	594,534,166	587,462,716	511,703,893	482,451,047	545,368,450	6,366,394,532
	TY Actual D069.2	527,840,334	494,131,264	486,251,388	485,953,071	507,235,026	579,801,630	639,817,202	629,862,050	597,620,937	481,732,724	486,312,700	513,792,700	6,420,707,989
DS RTP	2009	(579,544)	104,353	(63,023)	(124,343)	(80,391)	(48,912)	21,890	112,355	58,406	77,761	(546,541)	(106,530)	(1,169,131)
	2010	288,814	194,414	226,564	200,711	331,253	462,480	336,365	260,139	(55,657)	(397,840)	211,896	1,842,697	1,842,697
	2011	146,817	255,002	184,801	143,270	179,372	358,456	395,456	278,259	86,472	365,253	143,046	140,230	1,896,958
	3 Year Avg	(47,964)	155,266	184,801	143,270	179,372	358,456	395,456	278,259	86,472	365,253	143,046	140,230	1,896,958
	TY Actual D069.2	74,556	127,249	150,557	140,052	176,703	352,407	381,146	219,766	61,658	171,993	131,053	141,467	1,772,003
	TY Actual D069.2	74,556	127,249	150,557	140,052	176,703	352,407	381,146	219,766	61,658	171,993	131,053	141,467	1,772,003

GSFL	2009	2,471,176	2,471,454	2,472,243	2,473,586	2,479,832	2,479,830	2,482,754	2,487,223	2,487,656	2,487,582	25,747,340
	2010	2,487,734	2,490,132	2,489,251	2,488,875	2,488,835	2,490,162	2,490,478	2,490,418	2,492,056	2,492,488	25,877,067
	2011	2,492,887	2,492,514	2,492,902	2,493,220	2,493,500	2,493,524	2,494,899	2,494,353	2,496,487	2,496,483	25,928,129
	3 Year Avg	2,487,833	2,487,350	2,487,384	2,488,394	2,488,409	2,489,346	2,491,746	2,491,745	2,494,073	2,494,171	25,850,912
	TV Data 2	2,497,498	2,497,461	2,497,731	2,497,437	2,497,618	2,498,063	2,498,457	2,498,723	2,498,727	2,498,411	25,662,164
	TV Actual DB69.2	2,497,498	2,497,461	2,497,731	2,497,437	2,497,618	2,498,063	2,498,457	2,498,723	2,498,727	2,498,411	25,662,164
IN	2009	13,380,438	16,885,446	12,002,481	12,007,782	11,255	20,146	16,273	9,069	7,939,735	12,027,777	85,274,949
	2010	16,899,079	15,401,671	13,210,242	13,190,058	36,623	7,000,370	7,331,375	7,331,375	7,331,375	7,331,375	88,017,437
	2011	16,019,714	14,320,444	13,275,955	13,275,955	24,193	6,669	16,893	7,005,092	7,005,092	7,005,092	73,776,773
	3 Year Avg	15,072,735	15,403,510	12,824,731	12,824,731	24,103	7,249	15,767	7,331,375	7,331,375	7,331,375	84,356,220
	TV Data 2	11,745,159	16,897,912	8,664,524	8,664,524	7,168,431	7,168,431	7,168,431	7,168,431	7,168,431	7,168,431	64,443,802
	TV Actual DB69.2	11,745,159	16,897,912	8,664,524	8,664,524	7,168,431	7,168,431	7,168,431	7,168,431	7,168,431	7,168,431	64,443,802
DNA	2009	50,208,164	49,201,768	41,453,604	38,638,745	44,520,820	47,351,636	45,761,166	45,321,486	36,255,898	9,009,072	67,278,115
	2010	51,565,877	46,080,752	39,344,161	37,184,884	48,235,756	54,301,070	55,272,357	50,748,517	41,218,937	42,835,546	554,356,938
	2011	51,888,354	45,342,616	43,163,752	38,956,514	39,725,262	47,317,514	56,218,868	47,603,337	38,094,382	42,835,546	541,794,084
	3 Year Avg	51,220,792	46,888,379	42,720,364	38,986,467	46,361,363	51,000,988	52,484,237	47,921,134	39,197,502	45,184,160	538,671,850
	TV Data 2	47,932,800	44,377,048	41,167,432	38,451,465	38,600,088	49,335,993	52,083,395	37,738,478	45,844,369	527,335,774	527,335,774
	TV Actual DB69.2	47,932,800	44,377,048	41,167,432	38,451,465	38,600,088	49,335,993	52,083,395	37,738,478	45,844,369	527,335,774	527,335,774
DP	2009	22,034,417	18,934,165	18,789,316	19,134,616	22,019,298	22,019,298	22,776,301	22,514,252	19,937,177	29,224,412	539,801,755
	2010	20,954,096	17,355,496	21,321,740	17,357,256	24,078,496	24,078,496	23,743,167	23,645,356	18,963,898	18,790,608	596,116,743
	2011	18,099,222	14,791,229	21,335,314	19,456,132	23,376,229	23,376,229	23,432,970	23,432,970	18,606,085	17,528,146	544,975,593
	3 Year Avg	20,482,546	17,692,297	20,482,546	19,049,814	22,494,344	22,494,344	23,432,970	23,432,970	18,853,786	18,537,279	540,864,432
	TV Data 2	17,491,218	16,596,471	18,113,355	18,113,355	20,668,084	22,168,566	21,630,358	21,379,087	18,053,786	18,053,786	527,335,774
	TV Actual DB69.2	17,491,218	16,596,471	18,113,355	18,113,355	20,668,084	22,168,566	21,630,358	21,379,087	18,053,786	18,053,786	527,335,774
DP RTP	2009	1,213,001	1,366,222	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679
	2010	1,213,001	1,366,222	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679
	2011	1,213,001	1,366,222	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679
	3 Year Avg	1,213,001	1,366,222	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679
	TV Data 2	1,213,001	1,366,222	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679
	TV Actual DB69.2	1,213,001	1,366,222	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679	1,668,679
SFL-ADPH	2009	48,977	48,584	48,584	48,584	48,584	48,584	48,584	48,584	48,584	48,584	556,062
	2010	48,977	48,584	48,584	48,584	48,584	48,584	48,584	48,584	48,584	48,584	556,062
	2011	48,977	48,584	48,584	48,584	48,584	48,584	48,584	48,584	48,584	48,584	556,062
	3 Year Avg	48,977	48,584	48,584	48,584	48,584	48,584	48,584	48,584	48,584	48,584	556,062
	TV Data 2	48,977	48,584	48,584	48,584	48,584	48,584	48,584	48,584	48,584	48,584	556,062
	TV Actual DB69.2	48,977	48,584	48,584	48,584	48,584	48,584	48,584	48,584	48,584	48,584	556,062
IS	2009	213,340,171	196,538,076	214,010,043	191,454,691	129,332,404	765,251,033	241,872,492	257,842,238	240,914,458	281,155,236	2,064,111,384
	2010	213,340,171	196,538,076	214,010,043	191,454,691	129,332,404	765,251,033	241,872,492	257,842,238	240,914,458	281,155,236	2,064,111,384
	2011	213,340,171	196,538,076	214,010,043	191,454,691	129,332,404	765,251,033	241,872,492	257,842,238	240,914,458	281,155,236	2,064,111,384
	3 Year Avg	213,340,171	196,538,076	214,010,043	191,454,691	129,332,404	765,251,033	241,872,492	257,842,238	240,914,458	281,155,236	2,064,111,384
	TV Data 2	213,340,171	196,538,076	214,010,043	191,454,691	129,332,404	765,251,033	241,872,492	257,842,238	240,914,458	281,155,236	2,064,111,384
	TV Actual DB69.2	213,340,171	196,538,076	214,010,043	191,454,691	129,332,404	765,251,033	241,872,492	257,842,238	240,914,458	281,155,236	2,064,111,384

## Customer Bills

Rate Code	Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
05	2009	593,394	612,369	631,464	610,371	604,318	606,104	598,854	586,019	595,117	597,607	599,114	602,629	7,231,014
	2010	600,110	582,741	600,342	602,255	603,731	597,785	599,196	597,624	595,583	597,076	599,854	601,109	7,137,619
	2011	599,963	586,415	606,316	607,446	601,207	601,446	597,646	601,466	599,885	602,375	600,419	606,321	7,208,152
	3 Year Average	597,862	594,961	608,961	604,957	599,766	601,446	598,333	598,376	598,363	599,686	600,462	604,025	7,206,135
	TV DBA.2	603,348	607,136	607,277	605,519	603,348	604,433	604,040	604,369	603,473	604,441	605,521	607,978	7,242,403
	TV Actual DBA.2	605,348	607,136	607,277	605,519	604,892	602,284	602,281	607,698	602,217	605,605	606,603	607,490	7,253,914
06H	2009	164	200	200	199	198	200	197	198	199	201	202	202	2,352
	2010	201	163	202	202	198	194	199	200	199	196	199	198	2,158
	2011	195	169	209	201	194	200	199	200	199	199	196	197	2,357
	3 Year Average	187	177	202	201	196	199	198	199	199	199	197	197	2,359
	TV DBA.2	197	200	199	202	200	201	201	201	200	200	197	198	2,396
	TV Actual DBA.2	197	200	199	198	197	200	198	199	198	196	200	199	2,381
1D	2009	18	20	20	21	21	21	21	21	21	19	21	21	243
	2010	21	22	22	21	21	22	22	23	22	23	23	18	262
	2011	22	20	23	23	23	22	22	23	23	23	23	23	268
	3 Year Average	20	21	22	22	22	22	22	23	22	23	23	21	258
	TV DBA.2	23	23	23	23	23	23	23	23	23	23	23	23	273
	TV Actual DBA.2	23	23	23	22	22	23	23	23	23	22	23	23	272
TD-2012 Base	2009													
	2010													
	2011													
	3 Year Average													
	TV DBA.2													
	TV Actual DBA.2													
TD-2012 Plus	2009													
	2010													
	2011													
	3 Year Average													
	TV DBA.2													
	TV Actual DBA.2													
TD-2012 Max	2009													
	2010													
	2011													
	3 Year Average													
	TV DBA.2													
	TV Actual DBA.2													
TD-2012	2009													
	2010													
	2011													
	3 Year Average													
	TV DBA.2													
	TV Actual DBA.2													
0UR	2009	22,206	11,384	13,300	13,466	13,121	13,226	13,240	13,267	13,284	13,295	13,255	13,456	158,667
	2010	13,343	17,778	13,462	13,487	13,284	13,439	13,430	13,514	13,514	13,478	13,529	13,587	160,827
	2011	13,266	12,267	13,306	13,393	13,465	13,436	13,497	13,518	13,624	13,638	13,639	13,712	162,551
	3 Year Average	13,286	13,610	13,405	13,409	13,424	13,464	13,466	13,453	13,491	13,462	13,474	13,585	160,892
	TV DBA.2	13,830	13,616	13,652	13,371	13,565	13,567	13,591	13,581	13,580	13,583	13,623	13,685	163,364
	TV Actual DBA.2	13,830	13,616	13,652	13,371	13,571	13,570	13,571	13,577	13,571	13,571	13,575	13,538	164,581
0SJP	2009	43	43	43	41	42	42	45	46	46	51	46	402	684
	2010	160	159	162	159	140	157	156	154	164	163	164	165	1,205
	2011	183	163	167	166	154	165	164	168	164	167	168	168	1,072
	3 Year Average	122	172	124	122	112	121	122	121	125	127	140	165	1,524
	TV DBA.2	166	164	164	167	155	166	166	164	165	168	169	168	1,187
	TV Actual DBA.2	166	164	164	166	156	166	165	164	167	167	166	167	1,200
0SH	2009													
	2010	7,360	6,756	7,030	6,230	6,993	9,819	5,294	6,618	8,359	7,871	7,646	7,533	45,471
	2011	8,271	7,851	6,583	9,912	9,187	8,829	6,543	8,502	8,334	8,690	8,439	8,640	106,288
	3 Year Average	5,210	4,859	5,204	6,047	6,393	6,216	7,879	8,112	8,917	8,777	8,338	8,180	85,072
	TV DBA.2	7,939	7,711	7,532	9,962	9,220	8,870	6,634	8,543	8,384	8,700	8,482	8,389	107,386
	TV Actual DBA.2	7,939	7,711	7,532	7,384	8,585	8,475	6,288	8,166	7,984	7,978	7,918	7,736	95,696
0S	2009	19,435	20,006	19,961	19,837	19,607	20,364	20,331	20,302	20,215	19,743	19,679	19,569	238,799
	2010	19,386	18,805	19,620	19,422	19,241	19,749	19,687	19,615	19,599	19,170	19,351	19,147	232,602
	2011	19,140	18,751	19,360	19,278	19,275	19,740	19,627	19,710	19,753	19,262	19,261	19,203	232,340
	3 Year Average	19,320	19,187	19,647	19,526	19,441	19,951	19,882	19,876	19,852	19,392	19,247	19,106	234,747
	TV DBA.2	20,014	20,000	19,930	20,054	19,996	20,526	20,608	20,551	20,560	20,065	20,053	19,959	242,131
	TV Actual DBA.2	20,014	20,000	19,930	19,122	19,132	19,552	19,521	19,507	19,478	19,115	19,094	18,977	233,433



4901 : 5-5-04

## PUCO Form FE-D1 : EDU Service Area Energy Delivery Forecast

(Megawatt Hours/Year) (a)

Duke Energy Ohio (d)

	1	2	3	4	5(a)	5(b)	6	7	8
Year	Residential	Commercial	Industrial	Transportation (b)	Other (c)	Energy Efficiency & Demand Response (e)	Total End Use Delivery (f)	Line Losses and Company Use	Total Energy
							1+2+3+4+5(a)-5(b)		6+7
-5	7,769,714	6,575,744	5,835,890	-	1,719,514	54,677	21,900,861	1,557,953	23,458,814
-4	7,405,275	6,485,706	5,442,127	-	1,713,026	151,371	21,047,135	1,393,162	22,440,297
-3	7,050,776	6,281,633	4,720,539	-	1,611,326	86,403	19,664,274	1,312,323	20,976,597
-2	7,623,869	6,585,663	5,118,277	-	1,494,709	310,755	20,822,537	1,723,285	22,545,823
-1	7,577,474	6,516,096	4,941,843	-	1,477,855	75,715	20,237,554	2,314,437	22,552,050
0	7,276,226	6,403,578	4,968,226	-	1,426,414	87,620	19,936,823	1,419,095	21,405,918
1	7,499,491	6,522,757	5,006,714	-	1,439,175	273,714	20,188,423	1,413,277	21,601,700
2	7,623,201	6,775,364	5,082,927	-	1,511,951	482,126	20,510,716	1,446,271	21,956,987
3	7,743,095	7,051,637	5,195,140	-	1,585,948	700,482	20,854,335	1,484,112	22,338,447
4	7,870,836	7,265,386	5,299,186	-	1,577,863	920,148	21,083,129	1,515,254	22,608,382
5	7,967,976	7,396,532	5,394,809	-	1,582,956	1,143,434	21,165,839	1,536,906	22,725,745
6	8,049,320	7,489,101	5,480,043	-	1,587,618	1,369,197	21,216,885	1,554,123	22,771,009
7	8,139,119	7,572,207	5,528,582	-	1,593,567	1,710,858	21,122,618	1,570,848	22,693,466
8	8,241,744	7,647,429	5,592,289	-	1,597,960	2,165,848	20,913,574	1,587,408	22,500,982
9	8,338,612	7,735,327	5,652,021	-	1,602,958	2,619,802	20,709,116	1,604,249	22,313,365
10	8,431,642	7,837,760	5,706,611	-	1,610,863	3,070,266	20,516,609	1,621,689	22,138,298

(a) To be filled out by all EDUs. The category breakdown should refer to the Ohio portion of the EDU's total service area.

(b) Transportation includes railroads &amp; railways.

(c) Other includes street &amp; highway lighting, public authorities, interdepartmental sales, and wholesale

(d) Historical class numbers include the impact of DSM programs in place at the time. Forecast numbers have not been reduced for energy efficiency impacts.

(e) Historical numbers represent incremental impacts of energy efficiency programs. Forecast numbers represent cumulative impacts.

(f) Historical numbers include the impact of DSM programs in place at the time. Forecast numbers include losses.

DUKE ENERGY OHIO, INC.  
CASE NO. 12-1682-EL-AIR  
REVENUE STATISTICS-TOTAL COMPANY  
ELECTRIC REVENUES  
2007 - 2017 AND THE 12 MONTHS ENDING DECEMBER 31, 2012

SCHEDULE C-11.1  
PAGE 2 OF 2  
WITNESS RESPONSIBLE:  
P. A. LAUB / P. W. MULLINS

TYPE OF FILING: "X" ORIGINAL UPDATED REVISED  
WORK PAPER REFERENCE NO(S)

LINE NO.	DESCRIPTION	MOST RECENT FIVE CALENDAR YEARS					TEST YEAR	FIVE PROJECTED CALENDAR YEARS				
		2007	2008	2009	2010	2011		2013	2014	2015	2016	2017
1	NO. OF CUSTOMERS BY CLASS (AVERAGE)											
2	RETAIL -											
3	RESIDENTIAL	610,625	611,926	607,960	608,961	610,416	614,322	618,721	624,512	630,565	636,122	641,122
4	COMMERCIAL	67,599	67,601	67,261	67,249	67,207	67,339	68,133	68,817	69,448	70,020	70,500
5	INDUSTRIAL	2,392	2,355	2,305	2,265	2,222	2,221	2,230	2,237	2,246	2,253	2,260
6	OTHER	5,959	6,048	6,059	6,054	6,014	6,040	5,159	6,354	6,577	6,793	6,999
7	TOTAL RETAIL	<u>686,575</u>	<u>687,930</u>	<u>683,606</u>	<u>684,529</u>	<u>685,859</u>	<u>689,922</u>	<u>695,243</u>	<u>701,920</u>	<u>708,836</u>	<u>715,189</u>	<u>720,881</u>
8												
9	AVERAGE REVENUE PER CUSTOMER											
10	RETAIL -											
11	RESIDENTIAL	309	297	302	344	334	319	330	332	333	333	332
12	COMMERCIAL	1,283	1,284	1,406	1,601	1,609	1,603	1,613	1,657	1,684	1,678	1,662
13	INDUSTRIAL	10,343	10,076	10,644	11,652	12,137	12,649	12,766	12,814	12,800	12,801	12,804
14	OTHER	3,121	2,965	3,143	3,447	3,472	3,216	3,021	3,011	2,970	2,884	2,805
15	TOTAL RETAIL	<u>15,056</u>	<u>14,622</u>	<u>15,495</u>	<u>17,244</u>	<u>17,552</u>	<u>17,767</u>	<u>17,750</u>	<u>17,814</u>	<u>17,787</u>	<u>17,695</u>	<u>17,693</u>
16												
17												



# Attachment MS-6

DUKE ENERGY OHIO, INC.  
CASE NO. 12-1682-EL-AIR  
SALES STATISTICS TOTAL COMPANY  
ELECTRIC SALES

2007 - 2017 AND THE 12 MONTHS ENDING DECEMBER 31, 2012

SCHEDULE C-11.3  
PAGE 1 OF 2  
WITNESS RESPONSIBLE:  
P. A. LAUB / P. W. MULLINS

TYPE OF FILING: "X" ORIGINAL UPDATED REVISED  
WORK PAPER REFERENCE NO(S):

LINE NO.	DESCRIPTION	MOST RECENT FIVE CALENDAR YEARS					FIVE PROJECTED CALENDAR YEARS					
		2007	2008	2009	2010	2011	TEST YEAR	2013	2014	2015	2016	2017
1	SALES BY CUSTOMER											
2	CLASS-Kwh (4)											
3	RETAIL -											
4	RESIDENTIAL	7,769,713,526	7,405,275,168	7,050,775,619	7,523,888,684	7,377,468,296	7,033,353,029	7,389,913,000	7,505,623,000	7,618,082,000	7,689,945,000	7,719,951,000
5	COMMERCIAL	6,575,743,677	6,486,706,197	6,281,633,165	6,565,682,791	6,513,173,679	6,318,526,703	6,599,351,000	6,846,161,000	7,021,397,000	7,055,491,000	7,096,002,000
6	INDUSTRIAL	5,835,890,063	5,482,127,281	4,720,539,166	5,118,277,370	4,941,843,093	4,948,404,287	5,000,076,000	5,035,908,000	5,041,605,000	5,057,748,000	5,074,946,000
7	OTHER	1,719,513,718	1,713,026,444	1,611,325,718	1,484,708,537	1,477,855,489	1,410,829,293	1,404,573,000	1,450,955,000	1,485,095,000	1,485,041,000	1,490,573,000
8	TOTAL RETAIL	21,900,860,984	21,047,135,039	19,664,273,662	20,822,537,382	20,310,340,557	19,711,113,312	20,373,923,000	20,823,547,000	21,167,089,000	21,282,226,000	21,321,472,000
9												
10	NO. OF CUSTOMERS BY											
11	CLASS (YEAR END)											
12	RETAIL -											
13	RESIDENTIAL	612,766	610,603	610,482	611,494	613,874	616,939	620,862	626,673	632,747	638,323	643,340
14	COMMERCIAL	67,600	67,373	67,384	67,170	67,468	67,344	68,455	69,116	69,722	70,254	70,703
15	INDUSTRIAL	2,371	2,329	2,289	2,234	2,215	2,224	2,233	2,240	2,249	2,256	2,263
16	OTHER	5,027	5,057	5,058	5,028	5,027	5,085	5,239	5,452	5,681	5,892	6,084
17	TOTAL RETAIL	688,764	685,362	688,213	686,926	689,584	692,591	697,790	704,481	711,398	717,125	723,400

(4) Source: Billed Sales from "KWH Sales and Statistics".

DUKE ENERGY OHIO  
CASE NO. 12-1682-EL-AR  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATE: 12 Months Actual  
TYPE OF FILING: ORIGINAL ☐ UPDATED ☐ REVISED ☐  
WORK PAPER REFERENCE NO(S):  
Schedule E-4.1 (Pages 1-19)

SCHEDULE E-4  
Attachment VS-1  
WITNESS:  
Matthew Strader

Actual Customer SUs and Average Consumption Rates

LINE NO	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER SUs (C)	SALES (D)	MOST CURRENT RATES (E)	CURRENT REVENUE LESS FUEL COST (F)	% OF REV TO TOTAL LESS FUEL COST (G)	REVENUE INCR/LESS FUEL COST REV (H)	% INCR IN REV LESS FUEL COST REV (I)	FUEL COST REVENUE (J)	CURRENT TOTAL REVENUE (K + J)	TOTAL REVENUE % INCREASE (V / K) (L)
			(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
<b>RESIDENTIAL SERVICE</b>												
1	RS	RESIDENTIAL SERV	7,259,014	7,055,385,628	2,774,475	198,031,823	97.50	-48,118,549	23.5	0	198,031,823	23.5
2	ORH	OPTIONAL HEATING SERVICE	2,351	6,315,583	2,282,523	144,177	0.07	33,987	23.6	0	144,177	23.6
3	TD-J012 BASE	OPTIONAL TIME OF DAY SERVICE	785	595,793	2,946,681	17,593	0.01	4,125	23.5	0	17,593	23.5
4	TD-J012 PLUS	OPTIONAL TIME OF DAY SERVICE	842	630,841	2,940,963	18,559	0.01	4,368	23.5	0	18,559	23.5
5	TD-J012 MAX	OPTIONAL TIME OF DAY SERVICE	579	434,378	2,945,160	12,871	0.01	3,008	23.5	0	12,871	23.5
6	TD	OPTIONAL TIME OF DAY SERVICE	272	420,284	2,459,922	10,344	0.01	2,445	23.7	0	10,344	23.7
7	OUR	COMMON USE RESIDENTIAL SERVICE	164,581	86,758,058	3,232,437	2,869,068	1.43	674,288	23.5	0	2,869,068	23.5
8	RSP	RESIDENTIAL THREE-PHASE SERVICE	1,950	4,348,437	2,578,873	112,055	0.00	25,167	22.6	0	112,055	22.6
9	RSI	RESIDENTIAL SERVICE-LOW INCOME	35,898	78,712,480	3,399,719	1,840,884	0.92	522,737	18.4	0	1,840,884	18.4
10		<b>TOTAL RESIDENTIAL</b>	<b>7,579,140</b>	<b>7,233,884,492</b>	<b>2,779,405</b>	<b>251,057,088</b>	<b>99.15</b>	<b>-47,388,705</b>	<b>13.8</b>	<b>0</b>	<b>251,057,088</b>	<b>23.6</b>
<b>DISTRIBUTION VOLTAGE SERVICE</b>												
11	DS	SEC DISTRIBUTION SERV	242,331	6,386,390,533	1,632,675	123,942,613	70.92	24,707,875	23.8	0	123,942,613	23.8
12	DS RTP	SEC DISTRIBUTION SERV RTP	37	1,260,732	2,610,693	3,073	0.02	6,329	18.1	0	3,073	18.1
13	GSFL	UNMETERED SMALL FIXED LOAD	4,199	30,132,228	1,806,427	574,449	0.39	137,539	23.9	0	574,449	23.9
14	EH	ELEC SPACE HTG	6,945	69,191,199	1,733,226	1,199,241	0.82	179,886	16.0	0	1,199,241	16.0
15	DW	SEC DIST SERV-SMALL	464,889	534,041,413	3,610,516	19,923,316	13.17	3,224,378	16.7	0	19,923,316	16.7
16	DP	PRIM DIST VOLTAGE	1,630	2,318,199,051	9,919,957	21,328,406	14.55	7,808,478	36.8	0	21,328,406	36.8
17	DP RTP	PRIM DIST VOLTAGE RTP	63	6,275,353	2,216,318	183,403	0.13	210,170	19.1	0	183,403	19.1
18	SFLADPL	OPT UNMETERED SM FLD ATTACH DIRECTLY PWR LINE	49	509,335	1,830,138	9,297	0.31	2,227	24.0	0	9,297	24.0
19		<b>TOTAL DISTRIBUTION</b>	<b>723,123</b>	<b>9,928,629,442</b>	<b>1,671,208</b>	<b>148,571,872</b>	<b>50.21</b>	<b>36,274,356</b>	<b>24.7</b>	<b>0</b>	<b>148,571,872</b>	<b>24.7</b>
<b>TRANSMISSION VOLTAGE SERVICE</b>												
21	TS	TRANSMISSION SERV	831	3,115,139,371	0,003,885	114,803	94.14	884	0.8	0	114,803	0.8
22	TS RTP	TRANSMISSION SERV RTP	22	22,688,541	0,031,542	7,150	5.86	55	0.8	0	7,150	0.8
23		<b>TOTAL TRANSMISSION</b>	<b>853</b>	<b>3,137,827,912</b>	<b>0,003,885</b>	<b>121,953</b>	<b>90.03</b>	<b>939</b>	<b>0.8</b>	<b>0</b>	<b>121,953</b>	<b>0.8</b>
<b>LIGHTING SERVICE</b>												
25	SL	STREET LIGHTING	527,767	29,007,820	12,591,528	5,067,533	65.20	2,636,885	51.4	0	5,067,533	51.4
26	TL	TRAFFIC LIGHTING	424,166	16,196,896	0,786,552	144,640	1.86	74,405	51.4	0	144,640	51.4
27	OL	OUTDOOR LIGHTING	207,042	25,517,893	8,560,739	1,850,859	21.28	855,779	51.4	0	1,850,859	51.4
28	NSU	NON STD STREET LIGHTING	22,147	1,039,982	9,050,158	93,215	1.20	47,951	51.4	0	93,215	51.4
29	NSP	NON STD POLS	26,411	1,339,768	18,717,234	250,757	3.23	129,000	51.4	0	250,757	51.4
30	SC	S.L. - CUST OWNED	1,162	21,155,286	0,461,771	97,669	1.26	50,252	51.4	0	97,669	51.4
31	SE	S.L. - OVERHEAD EQUIV	30,863	4,987,426	7,787,035	387,415	4.98	189,293	51.4	0	387,415	51.4
32	UOLS	UNMETERED OUTDOOR LIGHTING	10,655	16,685,247	0,461,088	78,040	0.99	39,579	51.4	0	78,040	51.4
33		<b>TOTAL LIGHTING</b>	<b>1,299,844</b>	<b>122,453,816</b>	<b>8,324,347</b>	<b>7,772,168</b>	<b>2.13</b>	<b>3,968,144</b>	<b>51.4</b>	<b>0</b>	<b>7,772,168</b>	<b>51.4</b>
34		<b>TOTAL RETAIL</b>	<b>9,549,886</b>	<b>19,822,933,923</b>	<b>1,836,579</b>	<b>355,523,089</b>	<b>97.52</b>	<b>87,680,874</b>	<b>24.7</b>	<b>0</b>	<b>355,523,089</b>	<b>24.7</b>
<b>OTHER MISCELLANEOUS REVENUE</b>												
36	INTERDEPARTMENTAL		12	4,064,501	6,872,192	275,197	3.35	0	0.0	0	275,197	3.35
37	BAD CHECK CHARGES		0	0	0	0	0.00	0	0.0	0	0	0.00
38	LATE PAYMENT CHARGES		0	0	0	0	0.00	0	0.0	0	0	0.00
39	RECONNECTION CHARGES		0	0	0	0	0.00	0	0.0	0	0	0.00
40	RENTS		0	0	0	2,771,052	30.87	0	0.0	0	2,771,052	30.87
41	POLE CONTACT RENTALS		0	0	0	1,563,439	17.30	0	0.0	0	1,563,439	17.30
42	INTERCOMPANY		0	0	0	0	0.00	0	0.0	0	0	0.00
43	SPECIAL CONTRACTS		24	1,415,399	1,545,873	21,869	0.24	0	0.0	0	21,869	0.24
44	OTHER MISC		0	0	0	4,404,653	48.74	0	0.0	0	4,404,653	48.74
45		<b>TOTAL MISC</b>	<b>36</b>	<b>5,420,460</b>	<b>168,709,703</b>	<b>9,036,270</b>	<b>2.48</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>9,036,270</b>	<b>2.48</b>
47		<b>TOTAL COMPANY</b>	<b>9,549,886</b>	<b>19,822,933,923</b>	<b>1,836,579</b>	<b>364,559,276</b>	<b>100.00</b>	<b>87,680,874</b>	<b>24.0</b>	<b>0</b>	<b>364,559,276</b>	<b>24.0</b>

NOTE: DETAIL CONTAINED ON SCHEDULES E-4.1 PAGES 1 THROUGH 50.  
(1) THE NUMBER OF UNITS IS USED FOR DESIGNING LIGHTING RATES (NOT THE NUMBER OF BILLS)

NOTE: TARIFFS IN BOLD WERE NOT ADJUSTED BECAUSE REVENUE IS NOT DEPENDENT ON CONSUMPTION

NOTE: TARIFFS IN RED HAVE BEEN UPDATED TO INCLUDE ACTUAL KW USAGE FOR 12 MONTHS

DUKE ENERGY OHIO  
CASE NO. 12-1682-EL-AIR  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA: 12 Months Actual  
TYPE OF FILING: ORIGINAL X UPDATED REVISED  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4.1  
Page 1 of 15  
WITNESS:  
Matthew Sridar

Actual Customer Bills and Average Consumption Sales

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	1/2 INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	RS	RESIDENTIAL										
2	SUMMER:											
3	DISTRIBUTION CHARGES:											
4	CUSTOMER CHARGE:											
5	BILLS		2,415,028		\$5.50	13,282,653	6.8	3,724,752	23.5		13,282,653	23.5
6	ENERGY CHARGE:											
7	FIRST 1,000 KWH		0	1,800,846,869	0.022126	39,841,113	20.3	9,372,843	23.5		39,841,113	23.5
8	ADDITIONAL KWH		0	854,464,528	0.022126	18,925,871	9.8	4,447,618	23.5		18,925,871	23.5
9	TOTAL ENERGY CHARGE		2,415,028	2,655,110,898		58,746,984	30.0	13,820,259	23.5		58,746,984	23.5
10	TOTAL DISTRIBUTION		2,415,028	2,655,110,898		72,029,637	36.7	16,945,011	23.5		72,029,637	23.5
11	RIDERS:											
12	AERR											
13	RC											
14	RE											
15	ESSC											
16	BTR											
17	DR-IKE											
18	DR-IM											
19	DR-ECF											
20	DR-SAWR											
21	UE-ED											
22	TOTAL RIDERS											
23	TOTAL SUMMER		2,415,028	2,655,110,898		72,029,637	36.7	16,945,011	23.5	0	72,029,637	23.5
24	WINTER:											
25	DISTRIBUTION CHARGES:											
26	CUSTOMER CHARGE:											
27	BILLS		4,843,986		\$5.50	26,641,924	13.6	6,267,528	23.5		26,641,924	23.5
28	ENERGY CHARGE:											
29	FIRST 1,000 KWH		0	3,446,755,646	0.022126	76,262,816	36.9	17,940,894	23.5		76,262,816	23.5
30	ADDITIONAL KWH		0	953,500,284	0.022126	21,097,147	10.8	4,853,116	23.5		21,097,147	23.5
31	TOTAL ENERGY CHARGE		4,843,986	4,400,255,931		97,360,063	49.7	22,804,010	23.5		97,360,063	23.5
32	TOTAL DISTRIBUTION		4,843,986	4,400,255,931		124,001,886	53.3	29,171,538	23.5		124,001,886	23.5
33	RIDERS:											
34	AERR											
35	RC											
36	RE											
37	ESSC											
38	BTR											
39	DR-IKE											
40	DR-IM											
41	DR-ECF											
42	DR-SAWR											
43	UE-ED											
44	TOTAL RIDERS											
45	TOTAL WINTER		0	4,400,255,931		124,001,886	63.3	29,171,538	23.5	0	124,001,886	23.5
46	TOTAL RATES		7,259,014	7,055,366,829		196,031,823	100.0	46,116,549	23.5	0	196,031,823	23.5

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY OHIO  
CASE NO. 12-1682-EL-AIR  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA: 12 Months Actual  
TYPE OF FILING: ORIGINAL ☒ UPDATED ☐ REVISED ☐  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4.1  
Page 2 of 19  
WITNESS:  
Matthew Snider

Actual Customer Bills and Average Consumption Sales

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (X1)	TOTAL REVENUE % INCREASE (M / X1) (Q)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	ORH	OPTIONAL RESIDENTIAL SERVICE										
2		WITH ELECTRIC SPACE HEATING										
3		SUMMER:										
4		DISTRIBUTION CHARGES:										
5		CUSTOMER CHARGE:										
6		BILLS	798		\$5.50	4,389	3.0	1,029	23.4		4,389	23.4
7		ENERGY CHARGE:										
8		FIRST 1,000 KWH		698,306	0.025983	18,144	12.6	4,279	23.5		18,144	23.5
9		ADDITIONAL KWH		617,593	0.030778	19,008	13.2	4,484	23.6		19,008	23.6
10		KWH > 150 TIMES DEMAND		444,269	0.030778	13,674	9.5	3,225	23.8		13,674	23.6
11		TOTAL ENERGY CHARGE		1,760,167		50,826	35.3	11,988	23.9		50,826	23.6
12		TOTAL DISTRIBUTION		1,760,167		55,215	38.3	13,017	23.6		55,215	23.6
13		RIDERS:										
14		AERR										
15		RC										
16		RE										
17		ESSC										
18		BTR										
19		DR-KE										
20		DR-IM										
21		DR-ECF										
22		DR-SAWR										
23		UE-ED										
24		TOTAL RIDERS										
25		TOTAL SUMMER	798	1,760,167		55,215	38.3	13,017	23.6	0	55,215	23.6
26		WINTER:										
27		DISTRIBUTION CHARGES:										
28		CUSTOMER CHARGE:										
29		BILLS	1,583		\$5.50	8,707	6.0	2,042	23.5		8,707	23.5
30		ENERGY CHARGE:										
31		FIRST 1,000 KWH		1,699,981	0.025983	44,168	30.6	10,418	23.6		44,168	23.6
32		ADDITIONAL KWH		1,807,092	0.014351	25,934	18.0	6,115	23.6		25,934	23.6
33		KWH > 150 TIMES DEMAND		1,040,423	0.009675	10,163	7.0	2,394	23.6		10,163	23.6
34		TOTAL ENERGY CHARGE		4,556,395		80,265	55.7	18,928	23.6		80,265	23.6
35		TOTAL DISTRIBUTION		4,556,395		88,962	61.7	20,970	23.6		88,962	23.6
36		RIDERS:										
37		AERR										
38		RC										
39		RE										
40		ESSC										
41		BTR										
42		DR-KE										
43		DR-IM										
44		DR-ECF										
45		DR-SAWR										
46		UE-ED										
47		TOTAL RIDERS										
48		TOTAL WINTER	1,583	4,556,395		88,962	61.7	20,970	23.6	0	88,962	23.6
49		TOTAL RATE ORH	2,381	6,316,562		144,177	100.0	33,987	23.8	0	144,177	23.8

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY OHIO  
CASE NO. 12-1682-EL-AIR  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA: 12 Months Actual  
TYPE OF FILING: ORIGINAL ☒ UPDATED ☐ REVISED ☐  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4:  
Page 3 of 13  
WITNESS:  
Matthew Snider

Annualized Customer Bills and Average Consumption Rates

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST (K)	% OF REV TO TOTAL LESS FUEL COST (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (2) (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	TD	OPTIONAL RESIDENTIAL										
2		SERVICE TIME OF DAY RATE										
3		SUMMER:										
4		DISTRIBUTION CHARGES:										
5		CUSTOMER CHARGE:										
6		BILLS	90		\$16.00	1,435	13.3	116	8.1		1,435	8.1
7		ENERGY CHARGE:										
8		ON PEAK KWH		38,821	0.041195	1,640	15.9	575	35.1		1,640	35.1
9		OFF PEAK KWH		103,333	0.007186	743	7.2	269	34.9		743	34.9
10		TOTAL ENERGY CHARGE				2,383	23.1	844	55.0		2,383	55.0
11		TOTAL DISTRIBUTION				3,818	36.3	950	24.9		3,818	24.9
12		RIDERS:										
13		AERR										
14		RC										
15		RE										
16		ESSC										
17		BTR										
18		DR-IKE										
19		DR-IM										
20		DR-ECF										
21		DR-SAWR										
22		UE-ED										
23		TOTAL RIDERS										
24		TOTAL SUMMER	90	143,154		3,818	36.3	950	24.9	0	3,818	24.9
25		WINTER:										
26		DISTRIBUTION CHARGES:										
27		CUSTOMER CHARGE:										
28		BILLS	182		\$16.00	2,917	28.2	235	3.1		2,917	8.1
29		ENERGY CHARGE:										
30		ON PEAK KWH		62,973	0.032735	2,061	19.9	722	35.0		2,061	35.0
31		OFF PEAK KWH		214,137	0.007181	1,538	14.6	528	35.0		1,538	35.0
32		TOTAL ENERGY CHARGE				3,599	34.6	1,250	35.0		3,599	35.0
33		TOTAL DISTRIBUTION				6,516	63.1	1,495	22.9		6,516	22.9
34		RIDERS:										
35		AERR										
36		RC										
37		RE										
38		ESSC										
39		BTR										
40		DR-IKE										
41		DR-IM										
42		DR-ECF										
43		DR-SAWR										
44		UE-ED										
45		TOTAL RIDERS										
46		TOTAL WINTER	182	277,110		6,516	63.1	1,495	22.9	0	6,516	22.9
47		TOTAL RATE TO	272	420,264		10,334	100.0	2,445	23.7	0	10,334	23.7

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DLKE ENERGY OHIO  
CASE NO. 12-1882-EL-AIR  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA: 3 MONTHS ACTUAL & 9 MONTHS ESTIMATED  
TYPE OF FILING: ☒ ORIGINAL ☐ UPDATED ☐ REVISED  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4.1  
Page 4 of 19  
WITNESS:  
J. A. RIDDLE

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (C)	SALES (D)	MOST CURRENT RATES (E)	CURRENT REVENUE LESS FUEL COST (F)	% OF REV TO TOTAL LESS FUEL COST (G)	REVENUE INCR LESS FUEL COST REV (F - K)	% INCR IN REV LESS FUEL COST REV (M / K)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE % INCREASE (M / K)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	TD-2012	OPTIONAL TIME-OF-DAY RATE FOR RESIDENTIAL										
2	BASE	SERVICE WITH ADVANCED METERING										
3	SUMMER											
4	DISTRIBUTION CHARGES											
5	CUSTOMER CHARGE											
6	SINGLE PHASE		221		\$5.50	1,216	6.9	285	23.4		1,216	23.4
7	THREE PHASE		0		\$8.00	0	0.0	0	0.0		0	0.0
8	TOTAL CUSTOMER CHARGE		221			1,216	6.9	285	23.4		1,216	23.4
9	ENERGY CHARGE											
10	ON PEAK KWH			22,973	0.022126	508	2.9	120	23.6		508	23.6
11	OFF PEAK KWH			173,956	0.022126	3,849	21.6	505	23.5		3,849	23.5
12	TOTAL ENERGY CHARGE			196,931		4,357	24.8	1,025	23.5		4,357	23.5
13	TOTAL DISTRIBUTION					5,573	31.7	1,310	23.5		5,573	23.5
14	RIDERS											
15	AERR											
16	RC											
17	RE											
18	ESSC											
19	BTR											
20	DR-KE											
21	DR-M											
22	DR-ECF											
23	DR-SAWR											
24	UE-ED											
25	TOTAL RIDERS											
26	TOTAL SUMMER		221	196,931		5,573	31.7	1,310	23.5	0	5,573	23.5
27	WINTER											
28	DISTRIBUTION CHARGES											
29	CUSTOMER CHARGE											
30	SINGLE PHASE		214		\$5.50	1,177	6.7	276	23.4		1,177	23.4
31	THREE PHASE		0		\$8.00	0	0.0	0	0.0		0	0.0
32	TOTAL CUSTOMER CHARGE		214			1,177	6.7	276	23.4		1,177	23.4
33	ENERGY CHARGE											
34	ON PEAK KWH			20,191	0.022126	447	2.5	105	23.5		447	23.5
35	OFF PEAK KWH			148,852	0.022126	3,206	18.8	775	23.5		3,206	23.5
36	TOTAL ENERGY CHARGE			169,143		3,743	21.3	880	23.5		3,743	23.5
37	TOTAL DISTRIBUTION					4,920	28.0	1,156	23.5		4,920	23.5
38	RIDERS											
39	AERR											
40	RC											
41	RE											
42	ESSC											
43	BTR											
44	DR-KE											
45	DR-M											
46	DR-ECF											
47	DR-SAWR											
48	UE-ED											
49	TOTAL RIDERS											
50	TOTAL WINTER		214	169,143		4,920	28.0	1,156	23.5	0	4,920	23.5
51	SPRING/FALL											
52	DISTRIBUTION CHARGES											
53	CUSTOMER CHARGE											
54	SINGLE PHASE		360		\$5.50	1,980	11.3	464	23.4		1,980	23.4
55	THREE PHASE		0		\$8.00	0	0.0	0	0.0		0	0.0
56	TOTAL CUSTOMER CHARGE		360			1,980	11.3	464	23.4		1,980	23.4
57	ENERGY CHARGE											
58	ON PEAK KWH			229,719	0.022126	5,083	29.0	1,195	23.5		5,083	23.5
59	TOTAL ENERGY CHARGE			229,719		5,083	29.0	1,195	23.5		5,083	23.5
60	TOTAL DISTRIBUTION					7,063	40.3	1,659	46.9		7,063	23.5
61	RIDERS											
62	AERR											
63	RC											
64	RE											
65	ESSC											
66	BTR											
67	DR-KE											
68	DR-M											
69	DR-ECF											
70	DR-SAWR											
71	UE-ED											
72	TOTAL RIDERS											
73	TOTAL SPRING/FALL		360	229,719		7,063	40.3	1,659	23.5	0	7,063	23.5
74	TOTAL RATE TD-2012 BASE		795	595,793		17,556	100	4,125	23.5	0	17,556	23.5

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS

DUKE ENERGY OHIO  
CASE NO. 12-1582-BL/AIR  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA: 3 MONTHS ACTUAL & 9 MONTHS ESTIMATED  
TYPE OF FILING:   X   ORIGINAL        UPDATED        REVISED  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4.1  
Page 5 of 19  
WITNESS:  
J. A. RIDDLE

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BR./S (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (O)	TOTAL REVENUE % INCREASE (M / K) (P)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1		TO-2012 OPTIONAL TIME-OF-DAY RATE FOR RESIDENTIAL										
2		PLUS SERVICE WITH ADVANCED METERING										
3		SUMMER										
4		DISTRIBUTION CHARGES										
5		CUSTOMER CHARGE										
6		SINGLE PHASE	234		\$5.60	1,287	8.9	302	23.5		1,287	23.5
7		THREE PHASE	0		\$9.50	0	0.0	0	0.0		0	0.0
8		TOTAL CUSTOMER CHARGE	234			1,287	8.9	302	23.5		1,287	23.5
9		ENERGY CHARGE:										
10		ON PEAK KWH		24,325	0.022126	538	2.9	127	23.6		538	23.6
11		OFF PEAK KWH		184,191	0.022126	4,075	21.9	959	23.5		4,075	23.5
12		TOTAL ENERGY CHARGE		208,516		4,613	24.8	1,086	23.5		4,613	23.5
13		TOTAL DISTRIBUTION		208,516		5,698	31.7	1,385	23.5		5,698	23.5
14		RIDERS:										
15		AERR										
16		RC										
17		RE										
18		ESSC										
19		BTR										
20		DR-IKE										
21		DR-IM										
22		DR-ECF										
23		DR-SAWR										
24		UE-ED										
25		TOTAL RIDERS										
26		TOTAL SUMMER	234	208,516		5,930	31.7	1,383	23.5	0	5,930	23.5
27		WINTER										
28		DISTRIBUTION CHARGES:										
29		CUSTOMER CHARGE:										
30		SINGLE PHASE	227		\$5.50	1,249	8.7	292	23.4		1,249	23.4
31		THREE PHASE	0		\$8.00	0	0.0	0	0.0		0	0.0
32		TOTAL CUSTOMER CHARGE	227			1,249	8.7	292	23.4		1,249	23.4
33		ENERGY CHARGE:										
34		ON PEAK KWH		21,379	0.022126	473	2.5	111	23.5		473	23.5
35		OFF PEAK KWH		157,114	0.022126	3,480	18.8	820	23.5		3,480	23.5
36		TOTAL ENERGY CHARGE		178,493		3,953	21.3	931	23.5		3,953	23.5
37		TOTAL DISTRIBUTION		178,493		5,212	28.0	1,223	23.5		5,212	23.5
38		RIDERS:										
39		AERR										
40		RC										
41		RE										
42		ESSC										
43		BTR										
44		DR-IKE										
45		DR-IM										
46		DR-ECF										
47		DR-SAWR										
48		UE-ED										
49		TOTAL RIDERS										
50		TOTAL WINTER	227	178,493		5,212	28.0	1,223	23.5	0	5,212	23.5
51		SPRING/FALL										
52		DISTRIBUTION CHARGES:										
53		CUSTOMER CHARGE:										
54		SINGLE PHASE	381		\$5.50	2,098	11.3	491	23.4		2,098	23.4
55		THREE PHASE	0		\$8.50	0	0.0	0	0.0		0	0.0
56		TOTAL CUSTOMER CHARGE	381			2,098	11.3	491	23.4		2,098	23.4
57		ENERGY CHARGE:										
58		OFF PEAK KWH		243,232	0.022126	5,382	29.0	1,268	23.5		5,382	23.5
59		TOTAL ENERGY CHARGE		243,232		5,382	29.0	1,268	23.5		5,382	23.5
60		TOTAL DISTRIBUTION		243,232		7,478	40.3	1,757	46.9		7,478	23.5
61		RIDERS:										
62		AERR										
63		RC										
64		RE										
65		ESSC										
66		BTR										
67		DR-IKE										
68		DR-IM										
69		DR-ECF										
70		DR-SAWR										
71		UE-ED										
72		TOTAL RIDERS										
73		TOTAL SPRING/FALL	381	243,232		7,478	40	1,757	23.5	0	7,478	23.5
74		TOTAL RATE TO-2012 PLUS	642	630,841		18,590	100.0	4,368	23.5	0	18,590	23.5

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY CHC  
CASE NO. 12-1852-EL-JAR  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA: 3 MONTHS ACTUAL & 9 MONTHS ESTIMATED  
TYPE OF FILING:   X   ORIGINAL        UPDATED        REVISED  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4.1  
Page 6 of 19  
WITNESS  
J. A. RIDDLE

CURRENT ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (C)	SALES (D)	MOST CURRENT RATES (E)	CURRENT REVENUE LESS FUEL COST (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F + K)	% INCR IN REV LESS FUEL COST REV (M + K)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE INCREASE (M + K)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	TD-2012	OPTIONAL TIME-OF-DAY RATE FOR RESIDENTIAL										
2	MAX	SERVICE WITH ADVANCED METERING										
3	SUMMER:											
4		<u>DISTRIBUTION CHARGES</u>										
5		CUSTOMER CHARGE:										
6		SINGLE PHASE	161		\$5.50	866	6.9	207	23.4		866	23.4
7		THREE PHASE	0		\$8.00	0	0.0	0	0.0		0	0.0
8		TOTAL CUSTOMER CHARGE	161			866	6.9	207	23.4		866	23.4
9		ENERGY CHARGE:										
10		ON PEAK KWH		16 757	0.022126	371	2.9	87	23.5		371	23.5
11		OFF PEAK KWH		126 887	0.022126	2 808	21.9	690	23.5		2 808	23.5
12		TOTAL ENERGY CHARGE		143 644		3 179	24.8	777	23.5		3 179	23.5
13		TOTAL DISTRIBUTION		143 644		4 065	31.8	954	23.5		4 065	23.5
14		RIDERS:										
15		AERR										
16		RC										
17		RE										
18		ESSC										
19		BTR										
20		DR-IKE										
21		DR-IM										
22		DR-ECF										
23		DR-SAWR										
24		UE-ED										
25		TOTAL RIDERS										
26		TOTAL SUMMER	161	143 644		4 065	31.8	954	23.5	0	4 065	23.5
27		WINTER:										
28		<u>DISTRIBUTION CHARGES</u>										
29		CUSTOMER CHARGE:										
30		SINGLE PHASE	156		\$5.50	858	6.7	201	23.4		858	23.4
31		THREE PHASE	0		\$8.00	0	0.0	0	0.0		0	0.0
32		TOTAL CUSTOMER CHARGE	156			858	6.7	201	23.4		858	23.4
33		ENERGY CHARGE:										
34		ON PEAK KWH		14 727	0.022126	326	2.5	77	23.6		326	23.6
35		OFF PEAK KWH		108 647	0.022126	2 404	18.8	561	23.6		2 404	23.6
36		TOTAL ENERGY CHARGE		123 374		2 730	21.3	632	23.6		2 730	23.6
37		TOTAL DISTRIBUTION		123 374		3 588	28.0	841	23.6		3 588	23.6
38		RIDERS:										
39		AERR										
40		RC										
41		RE										
42		ESSC										
43		BTR										
44		DR-IKE										
45		DR-IM										
46		DR-ECF										
47		DR-SAWR										
48		UE-ED										
49		TOTAL RIDERS										
50		TOTAL WINTER	156	123 374		3 588	28.0	841	23.6	0	3 588	23.6
51		SPRING/FALL:										
52		<u>DISTRIBUTION CHARGES</u>										
53		CUSTOMER CHARGE:										
54		SINGLE PHASE	262		\$5.50	1 441	11.3	338	23.6		1 441	23.6
55		THREE PHASE	0		\$8.00	0	0.0	0	0.0		0	0.0
56		TOTAL CUSTOMER CHARGE	262			1 441	11.3	338	23.6		1 441	23.6
57		ENERGY CHARGE:										
58		OFF PEAK KWH		167 560	0.022126	3 707	29.0	873	23.6		3 707	23.6
59		TOTAL ENERGY CHARGE		167 560		3 707	29.0	873	23.6		3 707	23.6
60		TOTAL DISTRIBUTION		167 560		5 148	40.3	1 211	47.1		5 148	23.6
61		RIDERS:										
62		AERR										
63		RC										
64		RE										
65		ESSC										
66		BTR										
67		DR-IKE										
68		DR-IM										
69		DR-ECF										
70		DR-SAWR										
71		UE-ED										
72		TOTAL RIDERS										
73		TOTAL SPRING/FALL	262	167 560		5 148	40	1 211	23.6	0	5 148	23.6
74		TOTAL RATE TD-2012 MAX	579	434 578		12 801	100	3 008	23.6	0	12 801	23.6

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.



DUKE ENERGY CHIO  
CASE NO. 12-1882-EL-A-R  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA: 12 Months Actual  
TYPE OF FILING: ORIGINAL ☒ Y UPDATED ☐ REVISED  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4.1  
Page 7 of 19  
WITNESS:  
Matthew Silder

Actual Customer Bills and Average Consumption Sales

LINE NO	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (P - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	CUR	COMMON USE RESIDENTIAL										
2	SUMMER:											
3	DISTRIBUTION CHARGES:											
4	CUSTOMER CHARGE:											
5	BILLS		54,868		\$5.50	301,774	10.5	70,780	23.5		301,774	23.5
6	ENERGY CHARGE:											
7	FIRST 1,000 KWH		0	19,003,455	0.022126	420,470	14.7	98,813	23.5		420,470	23.5
8	ADDITIONAL KWH		0	7,452,566	0.022126	164,895	5.7	38,793	23.5		164,895	23.5
9	TOTAL ENERGY CHARGE		0	26,456,022		585,365	20.4	137,606	23.5		585,365	23.5
10	TOTAL DISTRIBUTION		54,868	26,456,022		887,139	30.9	208,484	23.5		887,139	23.5
11	RIDERS:											
12	AERR											
13	RC											
14	RE											
15	ESSC											
16	BTR											
17	DR-IKE											
18	DR-IM											
19	DR-ECF											
20	DR-SAWR											
21	UEED											
22	TOTAL RIDERS											
23	TOTAL SUMMER		54,868	26,456,022		887,139	30.9	208,484	23.5	0	887,139	23.5
24	WINTER:											
25	DISTRIBUTION CHARGES:											
26	CUSTOMER CHARGE:											
27	BILLS		109,713		\$5.50	503,421	21.0	141,530	23.5		503,421	23.5
28	ENERGY CHARGE:											
29	FIRST 1,000 KWH		0	45,603,276	0.022126	1,015,656	35.4	238,926	23.5		1,015,656	23.5
30	ADDITIONAL KWH		0	15,399,360	0.022126	382,852	12.6	85,358	23.5		382,852	23.5
31	TOTAL ENERGY CHARGE		0	62,302,636		1,378,508	48.0	324,285	23.5		1,378,508	23.5
32	TOTAL DISTRIBUTION		109,713	62,302,636		1,981,929	69.1	465,815	23.5		1,981,929	23.5
33	RIDERS:											
34	AERR											
35	RC											
36	RE											
37	ESSC											
38	BTR											
39	DR-IKE											
40	DR-IM											
41	DR-ECF											
42	DR-SAWR											
43	UEED											
44	TOTAL RIDERS											
45	TOTAL WINTER		109,713	62,302,636		1,981,929	69.1	465,815	23.5	0	1,981,929	23.5
46	TOTAL RATE OUR		164,581	89,758,658		2,869,068	100.0	674,299	23.5	0	2,869,068	23.5

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY OHIO  
CASE NO. 12-1882-EL-A/R  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA 12 Months Actual  
TYPE OF FILING: ORIGINAL ☒ UPDATED ☐ REVISED ☐  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4.1  
Page 8 of 19  
WITNESS:  
Matthew Snider

Annualized Customer Bills and Average Consumption Rates

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL COST FUEL REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
1	RS3P	RESIDENTIAL THREE-PHASE		(\$/KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
2	SUMMER:											
3	DISTRIBUTION CHARGES:											
4	CUSTOMER CHARGE:											
5	BILLS		560		\$8.00	5,283	4.7	891	16.1		5,283	16.1
6	ENERGY CHARGE:											
7	FIRST 1,000 KWH		0	455,827	0.022126	10,086	9.0	2,372	23.5		10,086	23.5
8	ADDITIONAL KWH		0	1,147,787	0.022120	25,386	22.7	5,974	23.5		25,386	23.5
9	TOTAL ENERGY CHARGE		0	1,603,614		35,482	31.7	8,346	23.5		35,482	23.5
10	TOTAL DISTRIBUTION		560	1,603,614		40,765	36.4	9,197	22.6		40,765	22.6
11	RIDERS:											
12	AERR											
13	RC											
14	RE											
15	ESSC											
16	BTR											
17	DR-IKE											
18	DR-IM											
19	DR-ECF											
20	DR-SAWR											
21	UE-ED											
22	TOTAL RIDERS											
23	TOTAL SUMMER		560	1,603,614		40,765	36.4	9,197	22.6	0	40,765	22.6
24	WINTER:											
25	DISTRIBUTION CHARGES:											
26	CUSTOMER CHARGE:											
27	BILLS		1,320		\$8.00	10,557	9.4	1,793	16.1		10,557	16.1
28	ENERGY CHARGE:											
29	FIRST 1,000 KWH		0	1,025,755	0.022126	22,898	20.3	5,339	23.5		22,898	23.5
30	ADDITIONAL KWH		0	1,719,109	0.022126	38,037	33.9	8,948	23.5		38,037	23.5
31	TOTAL ENERGY CHARGE		0	2,744,875		60,733	54.2	14,287	23.5		60,733	23.5
32	TOTAL DISTRIBUTION		1,320	2,744,875		71,289	63.6	15,990	22.4		71,289	22.4
33	RIDERS:											
34	AERR											
35	RC											
36	RE											
37	ESSC											
38	BTR											
39	DR-IKE											
40	DR-IM											
41	DR-ECF											
42	DR-SAWR											
43	UE-ED											
44	TOTAL RIDERS											
45	TOTAL WINTER		1,320	2,744,875		71,289	63.6	15,990	22.4	0	71,289	22.4
46	TOTAL RATE RS3P		1,880	4,348,487		112,055	100.0	25,187	22.5	0	112,055	22.5

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY CHIO  
CASE NO. 12-1682-EL-AIR  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA: 12 Months Actual  
TYPE OF FILING:    ORIGINAL       x    UPDATED       REVISED  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4.1  
Page 9 of 19  
WITNESS:  
Matthew Snider

Actual Customer Bills and Average Consumption Sales

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (E)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (N / K) (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	RSLI	RESIDENTIAL										
2	SUMMER:											
3	DISTRIBUTION CHARGES:											
4	CUSTOMER CHARGE:											
5	BILLS		32,181		\$1.50	48,272	2.6	41,514	88.0		48,272	88.0
6	ENERGY CHARGE:											
7	FIRST 1,000 KWH			22,865.981	0.022126	501,507	27.2	117,977	23.5		501,507	23.5
8	ADDITIONAL KWH			5,253.993	0.022126	116,250	6.3	27,347	23.5		116,250	23.5
9	TOTAL ENERGY CHARGE			27,919.974		617,757	33.6	145,324	23.5		617,757	23.5
10	TOTAL DISTRIBUTION			27,919.974		666,029	36.2	188,838	28.1		666,029	28.1
11	RIDERS:											
12	AERR											
13	RC											
14	RE											
15	ESSC											
16	BTR											
17	DR-IKE											
18	DR-IM											
19	DR-ECF											
20	DR-SAWR											
21	UE-ED											
22	TOTAL RIDERS											
23	TOTAL SUMMER		32,181	27,919.974		666,029	36.2	188,838	28.1	0	666,029	28.1
24	WINTER:											
25	DISTRIBUTION CHARGES:											
26	CUSTOMER CHARGE:											
27	BILLS		83,515		\$1.50	95,272	5.2	81,934	86.0		95,272	86.0
28	ENERGY CHARGE:											
29	FIRST 1,000 KWH			41,249.885	0.022126	912,685	49.6	214,706	23.5		912,685	23.5
30	ADDITIONAL KWH			7,542.621	0.022126	166,888	9.1	38,259	23.5		166,888	23.5
31	TOTAL ENERGY CHARGE			48,792.506		1,079,583	58.6	253,965	23.5		1,079,583	23.5
32	TOTAL DISTRIBUTION			48,792.506		1,174,855	63.8	335,699	28.6		1,174,855	28.6
33	RIDERS:											
34	AERR											
35	RC											
36	RE											
37	ESSC											
38	BTR											
39	DR-IKE											
40	DR-IM											
41	DR-ECF											
42	DR-SAWR											
43	UE-ED											
44	TOTAL RIDERS											
45	TOTAL WINTER		83,515	48,792.506		1,174,855	63.8	335,699	28.6	0	1,174,855	28.6
46	TOTAL RATE RSLI		95,696	79,712.480		1,340,884	100.0	522,737	29.4	0	1,340,884	29.4

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY CHIO  
CASE NO. 12-1082-EL-AIR  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA: 12 Months Actual  
TYPE OF FILING: ORIGINAL ☒ UPDATED ☐ REVISED ☐  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4.1  
Page 10 of 18  
WITNESS:  
Matthew Snider

Actual Customer Bills and Average Consumption Sales

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (1) / ACTUAL DEMAND (C)	SALES / MINIMUM DEMAND (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR. LESS FUEL COST REV. (F + K)	% INCR IN. REV. LESS FUEL COST REV. (M / K)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE % INCREASE (M / K1)
				(KWH/KWH)	(\$/KWH) (\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	DS	SERVICE AT SECONDARY										
2		DISTRIBUTION VOLTAGE										
3		DISTR. BUT. ON CHARGE:										
4		CUSTOMER CHARGE:										
5		SINGLE PHASE	52,900		\$20.00	1,058,000	1.0	251,454	23.8		1,058,000	23.8
6		LOAD MGMT RIDER (no interval meters)	6,917		\$7.50	51,878	0.0	12,322	23.8		51,878	23.8
7		THREE PHASE	179,590		\$40.00	7,183,200	8.9	1,737,499	23.5		7,183,200	23.8
8		LOAD MGMT RIDER (interval meters)	7,934		\$150.00	440,100	0.4	134,615	23.5		440,100	23.5
9		TOTAL CUSTOMER CHARGE	242,331			8,739,178	8.3	2,075,837	23.5		8,739,178	23.5
10		DEMAND CHARGE:										
11		ALL KW	0	20,323,052	\$4.0848	85,229,435	91.6	22,631,938	23.8		85,229,435	23.8
12		TOTAL DISTRIBUTION	0	20,323,052		103,942,613	100.0	24,797,875	23.8		103,942,613	23.8
13		RIDERS:										
14		DEMAND CHARGE:										
15		FIRST 1,000 KW		18,304,590								
16		ADDITIONAL KW		1,018,062								
17		TOTAL DEMAND CHARGE		20,323,052								
18		ENERGY CHARGE:										
19		NEXT 300 KWH/KWH		5,098,954,812								
20		ADDITIONAL KWH		1,267,443,321								
21		TOTAL ENERGY CHARGE		6,366,398,533								
22		TOTAL GENERATION		6,366,398,533								
23		AERR										
24		RC										
25		RE										
26		ESSC										
27		BTR										
28		DR-IKE										
29		DR-IM										
30		DR-ECF										
31		DR-SAWR										
32		DR-ED										
33		TOTAL RIDERS										
34		TOTAL RATES DS	242,331	6,366,398,533		103,942,613	100.0	24,797,875	23.8	0	103,942,613	23.8

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS

DUKE ENERGY OHIO  
CASE NO. 12-1882-EL-AIR  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA: 12 Months Actual  
TYPE OF FILING: ☐ ORIGINAL ☒ UPDATED ☐ REVISED  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4.1  
Page 11 of 19  
WITNESS:  
Matthew Snider

Actual Customer Bills and Average Consumption Sales

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) / ACTUAL DEMANDS(1) (C)	SALES (D) (\$/M)	MOST CURRENT RATES (E) (\$/M)	CURRENT REVENUE LESS FUEL COST REVENUE (F) (\$)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G) (%)	REVENUE INCR LESS FUEL COST REV (F - K) (H) (\$)	% INCR IN REV LESS FUEL COST REV (M / K) (N) (%)	FUEL COST REVENUE (H) (\$)	CURRENT TOTAL REVENUE (K + H) (O) (\$)	TOTAL REVENUE % INCREASE (M / K) (P) (%)
1	OS RTP	SERVICE AT SECONDARY										
2		DISTRIBUTION VOLTAGE										
3		DISTRIBUTION CHARGES:										
4		CUSTOMER CHARGE:										
5	BILLS	(Real-Time Pricing)	37		\$325.00	12,025	36.4	0	0.0		12,025	0.0
6		DISTRIBUTION:										
7	ALL KWH			1,266,732	\$5.016616	21,048	53.6	8,329	30.1		21,048	30.1
8	TOTAL DISTRIBUTION			1,266,732		33,073	100.0	8,329	19.1		33,073	19.1
9	TOTAL RATE OS RTP		37	1,266,732		33,073	100.0	8,329	19.1		33,073	19.1

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY OHIO  
CASE NO. 12-1682-EL-AIR  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA: 12 Months Actual  
TYPE OF FILING: ☒ ORIGINAL ☐ UPDATED ☐ REVISED  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4.1  
Page 12 of 19  
WITNESS:  
Matthew Snider

Actual Customer Bills and Average Consumption Sales

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (E)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (I)	TOTAL REVENUE % INCREASE (M / K) (O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	GSFL	OPTIONAL UNMETERED										
2		GENERAL SERVICE FOR										
3		SMALL FIXED LOADS										
4	<u>DISTRIBUTION CHARGES:</u>											
5	MINIMUM BILLS		4,199		\$5.00	20,995	3.7	5,027	23.9		20,995	23.9
6	ENERGY CHARGE:											
7	LOAD RANGE 540 TO 720 HOURS			30,070,790	0.018352	552,160	96.1	132,202	23.9		552,160	23.9
8	LOAD < 540 HOURS			81,438	0.021057	1,294	0.2	319	24.0		1,294	24.0
9	TOTAL ENERGY CHARGE			30,152,228		553,454	96.3	132,521	23.9		553,454	23.9
10	TOTAL DISTRIBUTION			30,132,228		574,449	100.0	137,539	23.9		574,449	23.9
11	RIDERS:											
12	AERR											
13	RC											
14	RE											
15	ESSC											
16	BTR											
17	CR-IKE											
18	DR-ECF											
19	DR-SAWR											
20	UE-ED											
21	TOTAL RIDERS											
22	TOTAL RATE GSFL		4,199	30,132,228		574,449	100.0	137,539	23.9	0	574,449	23.9

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY OHIO  
CASE NO. 12-1682-EL-AIR  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA: 12 Months Actual  
TYPE OF FILING: ☐ ORIGINAL ☒ X ☐ UPDATED ☐ REVISED  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4.1  
Page 13 of 19  
WITNESS:  
Matthew Shider

Actual Customer Bills and Average Consumption Sales

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F + K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (P)	CURRENT TOTAL REVENUE (K + P) (X1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KW/KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	EH	OPTIONAL RATE FOR										
2		ELEC. SPACE HEATING										
3		<u>DISTRIBUTION CHARGES:</u>										
4		CUSTOMER CHARGE:										
5		SINGLE PHASE	3,500		\$20.00	70,000	5.8	10,500	15.0		70,000	15.0
6		THREE PHASE	3,445		\$40.00	137,800	11.5	20,670	15.0		137,800	15.0
7		PRIMARY VOLTAGE	0		\$200.00	0	0.0	0	0.0		0	0.0
8		TOTAL CUSTOMER CHARGE	<u>6,945</u>			<u>207,800</u>	<u>17.3</u>	<u>31,170</u>	<u>15.0</u>		<u>207,800</u>	<u>15.0</u>
9		ENERGY CHARGE:										
10		ALL CONSUMPTION	<u>69,191,199</u>		0.014329	<u>991,441</u>	<u>82.7</u>	<u>148,716</u>	<u>15.0</u>		<u>991,441</u>	<u>15.0</u>
11		TOTAL DISTRIBUTION	<u>69,191,199</u>			<u>1,199,241</u>	<u>100.0</u>	<u>179,886</u>	<u>15.0</u>		<u>1,199,241</u>	<u>15.0</u>
12		RIDERS:										
13		AERR										
14		RC										
15		RE										
16		ESSC										
17		BTR										
18		DR-IKE										
19		DR-IM										
20		DR-ECF										
21		DR-SAWR										
22		UE-ED										
23		TOTAL RIDERS				<u>0</u>	<u>0.0</u>	<u>0</u>	<u>0.0</u>	<u>0</u>	<u>0</u>	<u>0.0</u>
24		TOTAL RATE EH	<u>6,945</u>	<u>69,191,199</u>		<u>1,199,241</u>	<u>100.0</u>	<u>179,886</u>	<u>15.0</u>	<u>0</u>	<u>1,199,241</u>	<u>15.0</u>

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY OHIO  
CASE NO. 12-1682-EL-AIR  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA: 12 Months Actual  
TYPE OF FILING: ☐ ORIGINAL ☒ UPDATED ☐ REVISED  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4.1  
Page 14 of 19  
WITNESS:  
Matthew Snider

Actual Customer Bills and Average Consumption Sales

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F + K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (K1)	TOTAL REVENUE % INCREASE (M / K1) (O)
				(KWKWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	DM	SECONDARY DISTRIBUTION SERVICE-SMALL										
2		SUMMER:										
3		DISTRIBUTION CHARGES:										
4		CUSTOMER CHARGE:										
5		SINGLE PHASE	120,190		\$7.50	901,426	4.7	150,571	16.7		901,426	16.7
6		THREE PHASE	50,940		\$15.00	764,109	4.0	127,632	16.7		764,109	16.7
7		TOTAL CUSTOMER CHARGE	171,130			1,665,526	8.6	278,203	16.7		1,665,526	16.7
8		ENERGY CHARGE:										
9		FIRST 2,800 KWH		169,647,048	0.039017	6,228,949	32.3	1,040,468	16.7		6,228,949	16.7
10		NEXT 3,200 KWH		31,071,337	0.033246	100,858	0.5	16,846	16.7		100,858	16.7
11		ALL ADDITIONAL KWH		6,096,674	0.031377	8,395	0.0	1,402	16.7		8,395	16.7
12		TOTAL ENERGY CHARGE		196,815,059		6,338,202	32.8	1,058,716	16.7		6,338,202	16.7
13		TOTAL DISTRIBUTION				8,003,728	41.5	1,336,319	16.7		8,003,728	16.7
14		RIDERS:										
15		AERR										
16		RC										
17		RE										
18		ESSC										
19		BTR										
20		DR-IKE										
21		DR-IM										
22		DR-ECF										
23		DR-SAWR										
24		UE-ED										
25		TOTAL RIDERS										
26		TOTAL SUMMER	171,130	196,815,059		8,003,728	41.5	1,336,319	16.7	0	8,003,728	16.7
27		WINTER:										
28		DISTRIBUTION CHARGES:										
29		CUSTOMER CHARGE:										
30		SINGLE PHASE	205,778		\$7.50	1,543,335	9.0	257,786	16.7		1,543,335	16.7
31		THREE PHASE	87,961		\$15.00	1,319,414	6.8	220,399	16.7		1,319,414	16.7
32		TOTAL CUSTOMER CHARGE	293,739			2,862,749	14.8	478,185	16.7		2,862,749	16.7
33		ENERGY CHARGE:										
34		FIRST 2,800 KWH		297,033,388	0.028008	8,319,311	43.1	1,389,638	16.7		8,319,311	16.7
35		NEXT 3,200 KWH		52,828,231	0.033246	106,590	0.6	17,759	16.7		106,590	16.7
36		ALL ADDITIONAL KWH		7,964,735	0.031377	10,967	0.1	1,833	16.7		10,967	16.7
37		TOTAL ENERGY CHARGE		337,826,354		8,436,838	43.7	1,409,270	16.7		8,436,838	16.7
38		TOTAL DISTRIBUTION				11,299,587	58.5	1,887,459	16.7		11,299,587	16.7
39		RIDERS:										
40		AERR										
41		RC										
42		RE										
43		ESSC										
44		BTR										
45		DR-IKE										
46		DR-IM										
47		DR-ECF										
48		DR-SAWR										
49		UE-ED										
50		TOTAL RIDERS										
51		TOTAL WINTER	293,739	337,826,354		11,299,587	58.5	1,887,459	16.7	0	11,299,587	16.7
52		TOTAL RATE DM	464,869	534,641,413		19,303,315	100.0	3,224,378	16.7	0	19,303,315	16.7

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS:



DUKE ENERGY OHIO  
CASE NO. 12-1682-EL-AIR  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA: 12 Months Actual  
TYPE OF FILING: ☐ ORIGINAL ☒ X ☐ UPDATED ☐ REVISED  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4.1  
Page 15 of 19  
WITNESS:  
Matthew Snider

Actual Customer Bills and Average Consumption Sales

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) / ACTUAL DEMAND (C)	SALES / MINIMUM DEMAND (D)	MOST CURRENT RATES (E)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F - K) (M)	% INCR IN REV LESS FUEL COST REV (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (I)	TOTAL REVENUE % INCREASE (M / K) (O)
				(KW/KWH)	(\$/KWH) / (\$/KW)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	DP	SERVICE AT PRIMARY DISTRIBUTION VOLTAGE										
2												
3		DISTRIBUTION CHARGES:										
4		CUSTOMER CHARGE:										
5		PRIMARY VOLTAGE	3,911		\$200.00	782,200	-3.7	288,322	36.6		782,200	36.6
6		BILLS (Load Management Rider)	719		\$150.00	107,850	0.5	39,478	36.6		107,850	36.6
7		TOTAL CUSTOMER CHARGE	4,630			890,050	4.2	325,800	36.8		890,050	36.8
8		DEMAND CHARGE:										
9		ALL KW	0	5,420,784	\$3.7700	20,436,358	35.8	7,480,676	36.6		20,436,358	36.6
10		TOTAL DISTRIBUTION	0	5,420,784		21,326,408	100.0	7,806,476	36.6		21,326,408	36.6
11		RIDERS:										
12		DEMAND CHARGE:										
13		FIRST 1,000 KW		2,448,059								
14		ADDITIONAL KW		2,972,725								
15		TOTAL DEMAND CHARGE		5,420,784								
11		ENERGY CHARGE:										
12		NEXT 300KWH/KW		1,543,861,737								
13		ADDITIONAL KWH		774,534,914								
14		TOTAL ENERGY CHARGE		2,318,396,651								
15		AERR										
17		RC										
18		RE										
19		ESSC										
20		BTR										
21		DR-IKE										
22		DR-IM										
23		DR-ECF										
24		DR-SAWR										
25		UE-ED										
26		TOTAL RIDERS										
27		TOTAL RATE DP	4,630	2,318,396,651		21,326,408	100.0	7,806,476	36.6	0	21,326,408	36.6

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY OHIO  
CASE NO. 12-1692-EL-AIR  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA: 12 Months Actual  
TYPE OF FILING: ☐ ORIGINAL ☒ UPDATED ☐ REVISED  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4.1  
Page 16 of 19  
WITNESS:  
Matthew Slider

Actual Customer Bills and Average Consumption Sales

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1) / ACTUAL DEMANDS(1)	SALES	MOST CURRENT RATES	CURRENT REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	REVENUE INCR LESS FUEL COST REV (F - K)	% INCR IN REV LESS FUEL COST REV (M / K)	FUEL COST REVENUE	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE % INCREASE (M / K)
	(A)	(B)	(C)	(D)	(E)	(G)	(L)	(M)	(N)	(H)	(K)	(O)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	DP RTP	SERVICE AT PRIMARY										
2		DISTRIBUTION VOLTAGE										
3		<del>DISTRIBUTION CHARGES</del>										
4		CUSTOMER CHARGE										
5	BILLS	(Real-Time Pricing)	63		\$325.00	20,475	11.2	0	0.0		20,475	0.0
6		DISTRIBUTION:										
7		ALL KWH		9,275,353	\$0.019689	182,933	88.8	219,178	129.0		182,933	129.0
8		TOTAL DISTRIBUTION		9,275,353		183,408	100.0	219,178	114.6		183,408	114.6
9		TOTAL RATE DP RTP	63	9,275,353		183,408	100.0	219,178	114.6		183,408	114.6

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY OHIO  
CASE NO. 12-1682-EL-AR  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA: 12 Months Actual  
TYPE OF FILING: ☐ ORIGINAL ☒ UPDATED ☐ REVISED  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4.1  
Page 17 of 19  
WITNESS  
Matthew Sander

Actual Customer Bills and Average Consumption Sales

LINE NO	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (1) (C)	SALES (D)	MOST CURRENT RATES (J)	CURRENT REVENUE LESS FUEL COST REVENUE (K)	% OF REV. TO TOTAL LESS FUEL COST REVENUE (L)	REVENUE INCR LESS FUEL COST REV (F + K) (M)	% INCR IN REV LESS FUEL COST REV (M / K) (N)	FUEL COST REVENUE (H)	CURRENT TOTAL REVENUE (K + H) (O)	TOTAL REVENUE % INCREASE (M / K) (P)
				(KWH)	(\$/KWH)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	SFL-ADPL	OPTIONAL UNMETERED RATE FOR										
2		SMALL FIXED LOADS ATTACHED DIRECTLY										
3		TO COMPANY'S POWER LINES										
4	DISTRIBUTION CHARGES											
5	ALL KWH		49	506,335	0.018382	9,287	100.0	2,227	24.0	0	9,287	24.0
6	RIDERS											
7	AERR											
8	RC											
9	RE											
10	ESSC											
11	BTR											
12	DR-WK											
13	DR-SCF											
14	DR-SAWR											
15	UE-ED											
16	TOTAL RIDERS											
17	TOTAL RATE SFL-ADPL		49	506,335		9,287	100.0	2,227	24.0	0	9,287	24.0

(1) BILLS THAT TERM: DATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY OHIO  
CASE NO. 12-1682-EL-AIR  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA: 12 Months Actual  
TYPE OF FILING: ☐ ORIGINAL ☒ UPDATED ☐ REVISED  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4.1  
Page 18 of 19  
WITNESS:  
Matthew Snider

Actual Customer Bills and Average Consumption Sales

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS(1) / ACTUAL DEMANDS(1) (C)	SALES (D)	MOST CURRENT RATES (E)	CURRENT REVENUE LESS FUEL COST (F)	% OF REV TO TOTAL LESS FUEL COST (G)	REVENUE INCR LESS FUEL COST REV (H)	% INCR IN REV LESS FUEL COST REV (I)	FUEL COST REVENUE (J)	CURRENT TOTAL REVENUE (K + H)	TOTAL REVENUE % INCREASE (L / K)
				(KVA/KWH)	(\$/KWH) / (\$/KVA)	(\$)	(%)	(\$)	(%)	(\$)	(\$)	(%)
1	TS	SERVICE AT										
2		TRANSMISSION VOLTAGE										
3		DISTRIBUTION CHARGES:										
4		CUSTOMER CHARGE:										
5		BILLS	403		\$200.00	80,600	70.2	821	0.8		80,600	0.8
6		BILLS (Load Management Rider)	228		\$150.00	34,200	29.8	283	0.8		34,200	0.8
7			631			114,800	100.0	884	0.8		114,800	0.8
8		DEMAND CHARGE:										
9		ALL KVA	0	6,117,446	\$0.0000	0	0.0	0	0.0		0	0.0
10		TOTAL DISTRIBUTION	0	6,117,446		114,800	100.0	884	0.8		114,800	0.8
11		RIDERS:										
12		DEMAND CHARGE:										
13		FIRST 50,000 KVA		4,281,496								
14		ADDITIONAL KVA		1,835,950								
15		TOTAL DEMAND CHARGE		6,117,446								
16		ENERGY CHARGE:										
17		NEXT 300KWH/KW		1,760,300,303								
18		ADDITIONAL KWH		1,384,838,068								
19		TOTAL ENERGY CHARGE		3,115,138,371								
20												
21												
22		AERR										
23		RC										
24		RE										
25		ESSC										
26												
27		BTR										
28		DR-IKE										
29		DR-ECF										
30		DR-SAWR										
31		UE-ED										
32												
33		TOTAL RIDERS										
34		TOTAL RATE TS	631	3,115,138,371		114,800	100.0	884	0.8	0	114,800	0.8

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

DUKE ENERGY OHIO  
CASE NO. 12-1682-EL-AIR  
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES  
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012  
(ELECTRIC SERVICE)

DATA: 12 Months Actual  
TYPE OF FILING: ☐ ORIGINAL ☒ UPDATED ☐ REVISED  
WORK PAPER REFERENCE NO(S):

SCHEDULE E-4.1  
Page 19 of 19  
WITNESS:  
Matthew Snider

Actual Customer Bills and Average Consumption Sales

LINE NO.	RATE CODE	CLASS / DESCRIPTION	CUSTOMER BILLS(1) / ACTUAL DEMANDS(1)	SALES	MOST CURRENT RATES	CURRENT REVENUE LESS FUEL COST REVENUE	% OF REV TO TOTAL LESS FUEL COST REVENUE	REVENUE INCR. LESS FUEL COST REV	% INCR IN REV LESS FUEL COST REV	FUEL COST REVENUE	CURRENT TOTAL REVENUE	TOTAL REVENUE % INCREASE
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
1	TS RTP	SERVICE AT										
2		TRANSMISSION VOLTAGE										
3	<b>DISTRIBUTION CHARGES:</b>											
4	CUSTOMER CHARGE:											
5	BILLS	(Real-Time Pricing)	22		\$325.00	7,150	100.0	\$5	0.8		7,150	0.8
6	DISTRIBUTION:											
7	ALL KWH			22,668,541	\$0.000000	0	0.0	0	0.0		0	0.0
8	TOTAL DISTRIBUTION			22,668,541		7,150	100.0	\$5	0.8		7,150	0.8
11	TOTAL RATE TS RTP		22	22,668,541		7,150	100.0	\$5	0.8		7,150	0.8

(1) BILLS THAT TERMINATE IN RESPECTIVE RATE STEPS.

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

**Commission of Ohio Docketing Information System on**

**3/20/2013 11:45:19 AM**

**in**

**Case No(s). 12-1682-EL-AIR, 12-1683-EL-ATA, 12-1684-EL-AAM**

Summary: Testimony electronically filed by Mrs. Tonnetta Y Scott on behalf of PUCO