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VIA OVERNIGHT MAIL

January 28, 2014

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Public Utilities Commission of Ohio
Docketing Division
13th Floor
180 East Broad Street
Columbus, OH 43215-3716

Re: Case No. 14-0081-EL-RDR

Dear Sir or Madam:

Enclosed please find an original and three copies of *Duke Energy Ohio's Request for Audit Report and Motion for Protective Order* to be filed in the case referenced above. Please return the file-stamped copy of the Application and Motion in the envelope provided.

Also enclosed is an envelope containing the documents to be filed under seal and for which Duke Energy Ohio is requesting confidential treatment in its Motion for Protective Order.

Sincerely,

Dianne B. Kuhnell
Senior Paralegal

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BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of Duke Energy Ohio, Inc., for Approval of the Annual Audit Report of Rider SCR, Rider RE, Rider RC, Rider LFA, Rider ESSC, and Rider ECF) Case No. 14 -0081-EL-RDR))))

DUKE ENERGY OHIO, INC.'S REQUEST FOR AUDIT REPORT OF RIDER SCR, RIDER RE, RIDER RC, RIDER LFA, RIDER ESSC, AND RIDER ECF

1. Duke Energy Ohio, Inc., (Duke Energy Ohio or the Company) is an Ohio corporation engaged in the business of supplying electric transmission, distribution, and generation service in Adams, Brown, Butler, Clinton, Clermont, Hamilton, Montgomery, and Warren Counties in Southwestern Ohio to approximately 347,000 consumers and supplying electric transmission and distribution service to approximately 348,000 customers who receive generation service from competitive retail electric service (CRES) providers.
2. Duke Energy Ohio is a “public utility” as defined by Sections 4905.02 and 4905.03, Revised Code and an “electric distribution company,” “electric light company,” electric supplier,” and “electric utility” as defined by Section 4928.01, Revised Code.
3. In its Opinion and Order (Order) dated November 22, 2011 in Case No 11-3549-EL-SSO, *et al*, the Public Utilities Commission of Ohio (Commission) approved and adopted a

Stipulation and Recommendation (Stipulation) that established Duke Energy Ohio's Standard Service Offer (SSO) for the period beginning January 1, 2012, through May 31, 2015.¹ The SSO is in the form of an electric security plan (ESP) in which the supply for competitive retail electric service for Duke Energy Ohio's SSO is procured through a competitive bidding process.² The Company's SSO, as approved by the Commission, is to be implemented through several formulaic yet discrete pricing components that are established as separate riders.³

4. The Commission's Order provided an appropriate level of review of the Company's various pricing terms during the term of Duke Energy Ohio's ESP, including audits and true-ups of Duke Energy Ohio's riders.⁴ Several of these riders are subject to an annual review and audit conducted by the Staff of the Public Utilities Commission of Ohio (Staff).⁵
5. As such, Duke Energy Ohio hereby submits this request for the Staff's audit of specific riders, consisting of the following: 1) Supplier Cost Reconciliation Rider (Rider SCR); 2) Retail Energy Rider (Rider RE); 3) Retail Capacity Rider (Rider RC); 4) Load Factor Adjustment Rider (Rider LFA); 5) Economic Competitiveness Fund (Rider ECF) and 6)

¹ *In re: Application of Duke Energy Ohio, Inc., for Authority to Establish a Standard Service Offer Pursuant to Section 4928.143, Revised Code, in the Form of an Electric Security Plan, Accounting Modifications, and Tariffs for Generation Service.*, Case No., 11-3549-EL-SSO, et al., (Stipulation at 28)(October 24, 2011); (Opinion and Order at 32)(November 22, 2011); and (Entry at 3)(December 14, 2011). The Commission's December Entry directed the Company to file the various rider pricing components in a new rider docket using the case code RDR.

² *Id.*

³ *In re: Application of Duke Energy Ohio, Inc., for Authority to Establish a Standard Service Offer Pursuant to Section 4928.143, Revised Code, in the Form of an Electric Security Plan, Accounting Modifications, and Tariffs for Generation Service.*, Case No., 11-3549-EL-SSO, et al., (Opinion and Order at 12,13 and 17)(November 22, 2011)

⁴ *Id.* at 43

⁵ *Id.*

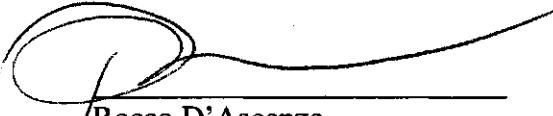
Electric Security Stabilization (Rider ESSC) (collectively the Riders). The calculation and audit of these six Riders are in accordance with the Stipulation and Recommendation (Stipulation) filed on October 24, 2011, in Case No. 11-3549-EL-SSO, *et al.*, as well as in accordance with the Commission's Order and its subsequent Entry dated December 14, 2011 (Entry).⁶

6. In support of this filing, Duke Energy Ohio is submitting the various work papers and supporting documents that support the calculation of these Riders. Attachment A is support for the calculation of the quarterly rates effective in calendar year 2013 for Rider SCR. Attachment B includes the supporting calculation for Rider LFA for calendar year 2013 which is the same as calendar year 2012. Attachment C is the support for the calculation for Rider DR-ECF which was first effective in April, 2013. Attachment D is the support for the calculation of Rider ESSC for calendar year 2013. Attachment E is the support for the calculation of Rider RE and Rider RC.
7. Workpaper- Attachment A- contains confidential business trade secret information regarding the Riders that are the subject of this audit are attached here in redacted form. The confidential version of this workpaper is filed under seal with the Commission.

Therefore, Duke Energy Ohio respectfully requests the Commission to open a docket for the audit of these six Riders and for review and approval of the annual audit of Duke Energy Ohio's Rider SCR, Rider RE, Rider RC, Rider LFA and Rider ESSC.

⁶ *Id.*

Respectfully submitted,



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Supplier Cost Reconciliation
Summary of SSO Supplier Costs & Revenue
Effective for the Period January 2013 through March 2013

Sunrise Coast Beacons

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Summary of SSSU Supplier Costs **Keyshue**
Effective for the Period January 2013 through March 2013

Supplier Cost Reconciliation
Summary of SBO Supplier Costs & Revenue
Effective for the Period April 2013 through June 2013

Line Description	Reconciliation Period by ACCOUNTING MONTH											
	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
1 Beginning Balance	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]	\$ [REDACTED]
2 Revenue Allocated with Rider RE & RC	\$ 30,651,989.72	\$ 27,389,955.76	\$ 25,923,609.08	\$ 23,148,362.25	\$ 26,382,860.59	\$ 36,030,712.43	\$ 42,179,345.00	\$ 32,626,376.81	\$ 23,602,794.35	\$ 18,519,805.59	\$ 21,765,158.80	\$ 23,663,739.13
3 Revenue Allocated with Rider RE & RC	\$ 1,336,397.62	\$ 1,704,727.53	\$ 1,412,359.12	\$ 1,710,382.13	\$ 1,458,515.72	\$ 2,140,522.86	\$ 2,124,552.68	\$ 2,253,155.00	\$ 1,545,152.36	\$ 1,120,152.21	\$ 1,562,153.53	\$ 1,364,677.73
4 Net RC / RE Revenue including CAT Tax	\$ 29,315,442.10	\$ 25,685,799.50	\$ 24,511,210.96	\$ 21,937,680.12	\$ 24,783,919.47	\$ 33,880,186.57	\$ 39,454,785.32	\$ 30,373,221.81	\$ 21,987,385.97	\$ 17,389,023.38	\$ 20,282,920.47	\$ 22,119,061.40
5 Net RC / RE Revenue including CAT Tax	\$ 76,722,202.28	\$ 66,739.69	\$ 61,729.69	\$ 57,038.46	\$ 64,435.74	\$ 88,115.24	\$ 97,085.56	\$ 78,373.05	\$ 97,085.56	\$ 52,736.04	\$ 57,510.06	\$ 57,808.18
6 Less: CAT Tax	\$ 29,319,021.82	\$ 25,618,597.34	\$ 24,500,641.26	\$ 21,890,271.33	\$ 24,719,480.73	\$ 33,860,207.41	\$ 39,434,864.52	\$ 30,372,002.06	\$ 39,434,864.52	\$ 20,280,384.43	\$ 22,091,559.15	\$ 22,175,915.18
7 Net RC / RE Revenue excluding CAT Tax	\$ 3,540,273.94	\$ 30,569,062.61	\$ 25,916,158.02	\$ 24,383,337.62	\$ 21,683,386.19	\$ 37,579,151.18	\$ 40,164,985.99	\$ 33,618,524.73	\$ 33,618,524.73	\$ 18,689,645.96	\$ 25,378,988.58	\$ 25,595,515.30
8 Cost of Supply Generation Services	\$ 10, less: FES PIP Payment	\$ 4,706,155.93	\$ 2,795,061.59	\$ 2,555,051.78	\$ 1,545,115.76	\$ 2,575,463.45	\$ 2,656,456.93	\$ 1,657,744.80	\$ 1,257,141.79	\$ 1,253,455.51	\$ 1,347,451.67	\$ 1,367,518.35
9 Auction Expenses	\$ 11, less: FES PIP Payment	\$ 3.05	\$ 3.05	\$ 3.05	\$ 3.05	\$ 3.05	\$ 3.05	\$ 3.05	\$ 3.05	\$ 3.05	\$ 3.05	\$ 3.05
12 Supplier Default Costs	\$ 13 Audit Fees	\$ 0.60	\$ 0.60	\$ 0.60	\$ 0.60	\$ 0.60	\$ 0.60	\$ 0.60	\$ 0.60	\$ 0.60	\$ 0.60	\$ 0.60
14 Net expense for current month	\$ 15 Net (revenue) / expense for current month	\$ 16 Net (revenue) / expense for current month	\$ 17 Revenue Associated with Rider SCR	\$ 18 Revenue Associated with Rider SCR	\$ 19 less: FES PIP included in CCR	\$ 20 Net SCR Revenue including CAT Tax	\$ 21 less: CAT Tax	\$ 22 Net SCR Revenue excluding CAT Tax	\$ 23	\$ 24 (Over) / Under Recovery for the month	\$ 25	\$ 26 Ending Balance before interest
\$ 27 Applicable interest for the month @ 6.45%	\$ 28 Ending Balance	\$ 29 Projected Non-Switched kWh Sales for 12 mo ended March '14	\$ 30 CAT Tax Rate	\$ 31 Rider SCR Charge (per kWh)	\$ 32	\$ 33	\$ 34 Non-Bypassable Threshhold Calculation	\$ 35 (Over) / Under Bypassable Balance	\$ 36 Total SCR Revenue (Rider RE, RC, AER-R & RECON)	\$ 37 Threshhold Percentage	\$ 38 Threshhold Amount Line 18 * Line 19	\$ 39 Variance
\$ 40 Rider SCR Bypassable Yes / No	YES							\$ 31,445,333.25	\$ 31,445,333.25	\$ 1.0%	\$ 31,445,333.25	\$ 0.00220022 \$/kWh

Supplier Cost Reconciliation
Summary of SSO Supplier Costs/Révenue
Effective for the Period July 2013 through September 2013

Line	Description	Jan-13	Feb-13	Mar-13	Apr-13
1.	Beginning Balance	\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2.		\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
3.	Revenue Associated with Riders RE and RC	24,214,376.14	23,896,762.31	21,824,319.06	19,539,030.55
4.	less: FES PIPP included in RC & RE	1,397,038.53	1,672,101.01	1,627,310.36	1,419,905.20
5.	Net RC / RE Revenue including CAT Tax	22,227,337.61	22,224,661.30	20,197,008.68	18,089,125.35
6.	less: CAT Tax	57,791.57	57,784.61	52,512.67	47,032.13
7.	Net RC / RE Revenue excluding CAT Tax	22,169,546.03	22,166,876.69	20,144,996.01	18,042,093.22
8.		\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
9.	Cost of Supplying Generation Service	28,985,518.30	24,985,551.79	25,190,668.38	19,205,659.28
10.	less: FES PIPP Payment	1,902,518.93	1,573,366.29	1,676,204.35	1,577,732.88
11.	Auction Expenses	\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
12.	Supplier Default Costs	\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
13.	Audit Fees	\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
14.	Net expense for current month	\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
15.		\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
16.	Net (revenue) / expense for current month	\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
17.		\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
18.	Revenue Associated with Rider SCR	\$ 944,239.48	\$ 734,959.64	\$ 664,670.92	\$ 806,479.59
19.	less: FES PIPP included in SCR	75,075.60	52,947.09	50,592.46	55,202.07
20.	Net SCR Revenue including CAT Tax	869,163.88	682,012.55	613,678.44	750,277.52
21.	less: CAT Tax	2,259.85	1,773.25	1,595.56	1,950.74
22.	Net SCR Revenue excluding CAT Tax	866,904.04	680,239.30	612,082.86	748,326.78
23.		\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
24.	(Over) / Under Recovery for the month	\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
25.		\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
26.	Erding Balance before interest	\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
27.	Applicable Interest for the month @ 6.45%	\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
28.	Ending Balance	\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
29.	Projected Non-Switched Kwh Sales for 2013	\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
30.	CAT Tax Rate	\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
31.	Rider SCR Bypassable Yes / No	\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
32.		\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
33.		\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
34.	Non-Bypassable Threshold Calculation	\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
35.	(Over) / Under Recovery Balance	\$ 13,916,430.44	\$ 304,279,304.93	\$ 30,427,930.49	\$ 0.00765068 \$/kWh
36.	Total SSO Revenue (Riders RE, RC, AER-R & RECON)				
37.	Threshold Percentage				
38.	Threshold Amount (Line 18 * Line 19)				
39.	Variance	\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
40.	Rider SCR Bypassable Yes / No	\$ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

Supplier Cost Reconciliation
Summary of SSO Supplier Costs/Revenue
Effective for the Period October 2013 through December 2013

Line Description	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13
1 Beginning Balance	\$ [REDACTED]						
2							
3 Revenue Associated with Riders RE and RC	24,214,376.14	23,896,761.31	21,824,319.06	19,539,030.55	20,102,750.41	26,180,948.35	29,519,492.00
4 less: FES PPP included in RC & RE	1,987,038.53	1,672,101.01	1,627,319.38	1,443,905.20	1,927,886.11	1,930,067.46	2,328,402.04
5 Net RC / RE Revenue including CAT Tax	22,227,337.61	22,224,661.30	20,197,058.68	18,089,125.35	19,074,864.30	24,250,880.99	27,191,089.96
6 less: CAT tax	57,791.57	57,784.61	52,512.67	47,032.13	49,595.07	63,052.83	70,697.40
7 Net RC / RE Revenue excluding CAT Tax	22,169,546.03	22,168,876.69	20,144,496.01	18,042,093.22	19,025,269.23	24,187,828.06	27,120,392.52
8							
9 Cost of Supplying Generation Service	28,985,518.30	24,939,555.79	25,190,868.38	19,205,689.28	23,043,292.80	21,993,130.72	30,383,379.34
10 less: FES PPP Payment	1,902,518.93	1,573,298.29	1,676,04.85	1,577,793.58	1,351,797.44	1,065,412.45	2,292,413.08
11 Auction Expenses							
12 Supplier Default Costs							
13 Audit Fees							
14 Net expense for current month							
15							
16 Net (revenue) / expense for current month							
17							
18 Revenue Associated with Rider SCR	\$ 944,239.48	\$ 734,956.64	\$ 664,670.92	\$ 806,479.59	\$ 700,380.36	\$ 836,080.58	\$ 1,353,050.15
19 less: FES PPP included in SCR	75,075.60	52,947.09	50,592.48	56,202.07	40,521.87	62,604.35	116,131.04
20 Net SCR Revenue including CAT Tax	\$ 869,163.88	\$ 682,012.55	\$ 613,678.44	\$ 756,277.52	\$ 659,858.49	\$ 773,475.63	\$ 1,246,929.11
21 less: CAT tax	2,259.85	1,771.25	1,595.58	1,950.74	1,715.65	2,011.05	3,242.04
22 Net SCR Revenue excluding CAT Tax	\$ 866,904.04	\$ 680,239.30	\$ 612,032.86	\$ 744,326.78	\$ 658,142.84	\$ 771,464.58	\$ 1,243,687.07
23							
24 (Over) / Under Recovery for the month							
25							
26 Ending Balance before interest	\$ [REDACTED]						
27 Applicable interest for the month @ 5.32% beg. May '13							
28 Ending Balance	\$ [REDACTED]						
29 Projected Non-Switched kWh Sales for 2013							
30 CAT Tax Rate							
31 Rider SCR Charge (per kWh)							
32							
33							
34 Non-Bypassable Threshold Calculation							
35 (Over) / Under Recovery Balance							
36 Total SSO Revenue (Riders RE, RC, AER-R & RECON)							
37 Threshold Percentage							
38 Threshold Amount (line 18 * Line 19)							
39 Variance							
40 Rider SCR By-passable Yes / No							

\$ 12,123,391.49
\$ 276,486,142.66
\$ 27,648,614.27
\$ -
YES

\$ 0.002508 \$/kWh

DUKE ENERGY OHIO
CALCULATION OF LOAD FACTOR ADJUSTMENT RIDER (LFA)

Allocations from JRB-1				Rates for January 2012 - May 2014 ⁽¹⁾	
		2010		Demand Revenue	LFA Rates (\$/kWh; kW; kVA)
kWh; kW; kVA		Base Gen Revenue	% of Rate Group	Energy Credit	
Rate DS, Secondary Distribution Voltage					
First 1,000 kW (\$ per kW)	19,796,503	\$170,517,176	58.704%		\$8.00
Additional kW (\$ per kW)	1,116,309	\$7,606,309	2.611%		\$8.00
Billing Demand Times 300	5,267,490,696	\$103,674,752	35.692%	-\$30,514,822	-\$0.020961
Additional kWh	1,455,790,393	\$8,672,143	2.988%		-\$0.020961
Rate DP, Service at Primary Dist. Voltage					
First 1,000 kW (\$ per kW)	2,382,401	\$18,531,268	25.384%		\$8.00
Additional kW (\$ per kW)	2,914,505	\$17,983,692	24.507%		\$8.00
Billing Demand Times 300	1,502,847,489	\$30,138,600	41.296%	-\$31,501,186	-\$0.020961
Additional kWh	850,807,016	\$6,422,742	8.301%	\$17,833,766	-\$0.020961
Rate TS, Service at Transmission Voltage					
First 50,000 kVA (\$ per kVA)	4,400,833	\$41,498,535	50.574%	\$50,588,332	\$8.00
Additional kVA (\$ per kVA)	1,922,708	\$13,069,803	15.928%		\$8.00
Billing Demand Times 300	1,812,324,514	\$18,192,113	22.171%	-\$37,988,134	-\$0.020961
Additional kWh	1,527,278,893	\$9,295,019	11.325%	-\$32,013,293	-\$0.020961
Total (kWh)	12,416,538,981	\$445,500,152		\$260,266,074	-\$260,263,074

Note: ⁽¹⁾ Energy credit will be trued-up to ensure the total revenue collected from demand charge and energy credits equal \$0.

Duke Energy Ohio
Calculation of Rider ECF Rates

11. Rider FCF Rate including CAT Tax

	June 2012	July 2012	August 2012	September 2012	October 2012	November 2012	December 2012	January 2013	February 2013	March 2013	April 2013	May 2013	Total
Customer 1	\$57,760.96	\$59,686.32	\$59,686.32	\$57,760.96	\$59,686.32	\$57,760.96	\$59,686.32	\$59,686.32	\$59,686.32	\$59,686.32	\$57,760.96	\$59,686.32	\$702,758.31
Customer 2	\$19,776.78	\$20,436.00	\$20,436.00	\$19,776.78	\$20,436.00	\$19,776.78	\$20,436.00	\$20,436.00	\$20,436.00	\$20,436.00	\$19,776.78	\$20,436.00	\$240,617.44
Customer 3	\$39,701.22	\$41,024.59	\$41,024.59	\$39,701.22	\$41,024.59	\$39,701.22	\$41,024.59	\$41,024.59	\$41,024.59	\$41,024.59	\$39,701.22	\$41,024.59	\$489,031.48
Customer 4	\$289,355.64	\$288,708.83	\$288,708.83	\$289,355.64	\$288,708.83	\$288,708.83	\$288,708.83	\$288,708.83	\$288,708.83	\$288,708.83	\$288,708.83	\$288,708.83	\$3,399,313.63
Customer 5	\$143,146.38	\$147,917.93	\$147,917.93	\$143,146.38	\$147,917.93	\$143,146.38	\$147,917.93	\$147,917.93	\$147,917.93	\$147,917.93	\$143,146.38	\$147,917.93	\$1,741,746.42
Customer 6	\$223,332.27	\$24,316.68	\$24,316.68	\$23,332.27	\$24,316.68	\$23,332.27	\$24,316.68	\$24,316.68	\$24,316.68	\$24,316.68	\$23,332.27	\$24,316.68	\$2,741,308.29
total	\$663,313.25	\$582,090.35	\$582,090.35	\$563,313.25	\$582,090.35	\$563,313.25	\$582,090.35	\$582,090.35	\$582,090.35	\$582,090.35	\$663,313.25	\$582,090.35	\$6,853,644.47

Customer Credits

PJM Payments
(\\$1.8 MW @ 2.51 MW Day)

FRR {27.2 MW @ 16.73 MW Day}

Duke Energy Ohio
ESSC Revenue Requirement for Rate Design

	2013			Calculation of Rider ESSC Price for January 2013 - December 2013			Jan 2013-Dec 2014 ^(d) Rates (\$/kWh; kW; kVA)
	kWh; kW; kVA	ESSC Current Revenue	% of Rate Group	ESSC Revenue Requirement	Allocated ESSC Revenue	Rates (\$/kWh; kW; kVA)	
Rate RS, Residential Service				\$45,660,081			
Summer, First 1000 kWh	1,890,578,102	\$13,231,067	26.926%	\$12,294,580	\$0.006503	\$0.008503	
Summer, Additional kWh	897,139,250	8,342,502	16.978%	\$7,752,012	\$0.008641	\$0.008641	
Winter, First 1000 kWh	3,818,899,885	25,326,598	51.542%	\$23,533,958	\$0.006503	\$0.006503	
Winter, Additional kWh	1,901,121,757	1,616,514	3.290%	\$1,502,096	\$0.001500	\$0.001500	
Rate ORH, Optional Residential Service							
Summer, First 1000 kWh	748,903	\$4,778	0.010%	\$4,440	\$0.005929	\$0.005929	
Summer, Additional kWh	662,341	5,304	0.011%	\$4,929	\$0.007442	\$0.007442	
Summer, kWh greater than 150 times demand	476,459	3,815	0.008%	\$3,545	\$0.007440	\$0.007440	
Winter, First 1000 kWh	1,823,048	11,630	0.024%	\$10,807	\$0.005928	\$0.005928	
Winter, Additional kWh	1,938,027	4,692	0.010%	\$4,360	\$0.002250	\$0.002250	
Winter, kWh greater than 150 times demand	1,125,461	934	0.002%	\$868	\$0.000771	\$0.000771	
Rate TD, Optional Time-of-Day Rate							
Summer, On-Peak kWh	42,274	\$718	0.001%	\$687	\$0.015778	\$0.015778	
Summer, Off-Peak kWh	109,699	102	0.000%	\$95	\$0.000866	\$0.000866	
Winter, On-Peak kWh	56,853	887	0.002%	\$608	\$0.012056	\$0.012056	
Winter, Off-Peak kWh	227,331	212	0.000%	\$197	\$0.000867	\$0.000867	
Rate CUR, (Rev. Class 01, 02, 04, 16 & 18 only)							
Summer, First 1000 kWh	19,300,587	\$142,066	0.289%	\$132,010	\$0.008940	\$0.008940	
Summer, Additional kWh	7,569,092	73,824	0.150%	\$68,569	\$0.009063	\$0.009063	
Winter, First 1000 kWh	46,621,003	343,163	0.658%	\$318,874	\$0.008840	\$0.008840	
Winter, Additional kWh	16,655,775	29,339	0.060%	\$27,282	\$0.001637	\$0.001637	
Rate DS, Secondary Distribution Voltage				\$36,563,879			
First 1000 kW (\$ per kW)	19,281,191	\$20,237,564	58.787%	\$21,499,072	\$1.115028	\$1.115028	
Additional kW (\$ per kW)	1,016,807	844,253	2.452%	\$896,879	\$0.882054	\$0.882054	
Billing Demand Times 300	5,178,859,608	12,420,782	36.068%	\$13,195,031	\$0.002548	\$0.002548	
Additional kWh	1,287,308,341	934,447	2.713%	\$992,696	\$0.000771	\$0.000771	
Rate GS-FL, Optional Unmetered				\$144,916			
KWh Greater Than or Equal to 540 Hours	30,228,979	\$146,565	98.053%	\$142,094	\$0.004701	\$0.004701	
KWh Less Than 540 Hours	61,757	347	0.232%	\$336	\$0.005441	\$0.005441	
Rate SFL-ADPL, Optional Unmetered							
All kWh	528,626	\$2,584	1.715%	\$2,486	\$0.004701	\$0.004701	
Rate EH, Optional Electric Space Heating				\$295,025			
All kWh	70,717,353	\$191,261	100.000%	\$295,025	\$0.004172	\$0.004172	

Duke Energy Ohio
ESSC Revenue Requirement for Rate Design

	2013			Calculation of Rider ESSC Price for January 2014 - December 2013			Jan 2013-Dec 2014 ^(a) Rates (\$/kWh; kW; kVA)
	kWh; kW; kVA	ESSC Current Revenue	% of Rate Group	ESSC Revenue Requirement	Allocated ESSC Revenue	Rates (\$/kWh; kW; kVA)	
Rate DM, Secondary Dist. Service, Small				\$3,416,023			
Summer, First 2800 kWh	160,623,451	\$1,293,331	40.734%		\$1,391,487	\$0.008863	\$0.008863
Summer, Next 3200 kWh	31,261,370	29,987	0.944%		\$32,241	\$0.001031	\$0.001031
Summer, Additional kWh	6,133,982	(1,711)	-0.054%		(\$1,841)	-\$0.000300	-\$0.000300
Winter, First 2800 kWh	298,850,047	1,824,448	57.462%		\$1,982,913	\$0.006588	\$0.006588
Winter, Next 3200 kWh	33,029,009	31,657	0.987%		\$34,060	\$0.001031	\$0.001031
Winter, Additional kWh	8,013,447	(2,637)	-0.083%		(\$2,837)	-\$0.000354	-\$0.000354
Rate DP, Service at Primary Dist. Voltage				\$12,042,729			
First 1000 kWh (\$ per kW)	2,496,531	\$3,177,187	25.762%		\$3,102,477	\$1.242715	\$1.242715
Additional kWh (\$ per kW)	3,031,584	3,043,530	24.578%		\$2,971,953	\$0.980333	\$0.980333
Billing Demand Times 300	1,586,927,755	5,140,956	41.685%		\$5,020,070	\$0.003204	\$0.003204
Additional kWh	786,208,679	971,053	7.874%		\$948,219	\$0.001206	\$0.001206
Rate TS, Service at Transmission Voltage				\$13,254,044			
First 50,000 kVA (\$ per kVA)	4,320,732	\$6,338,206	51.281%		\$6,796,823	\$1.573072	\$1.573072
Additional kVA (\$ per kVA)	1,852,775	1,859,557	15.852%		\$2,101,014	\$1.133982	\$1.133982
Billing Demand Times 300	1,766,340,241	2,758,879	22.318%		\$2,957,824	\$0.001675	\$0.001675
Additional kWh	1,377,346,598	1,304,232	10.551%		\$1,398,382	\$0.001015	\$0.001015
Rate TL, Traffic Lighting Service				\$290,250			
All kWh	18,551,121	\$35,168	11.424%		\$33,157	\$0.001787	\$0.001787
Rate SL, Street Lighting Service							
Rate OL, Outdoor Lighting Service	39,840,303	\$157,008	51.001%		\$148,029	\$0.003716	\$0.003716
Rate NSU, Street Lighting	21,003,782	82,774	26.887%		\$76,040	\$0.003716	\$0.003716
Rate NSP, Private Outdoor Lighting	1,052,502	4,148	1.347%		\$3,911	\$0.003716	\$0.003716
Rate SE, Street Lighting Service	1,381,184	5,443	1.768%		\$5,132	\$0.003716	\$0.003716
All kWh	5,093,749	20,074	6.521%		\$18,926	\$0.003716	\$0.003716
Rate SC, Street Lighting							
Energy Only - All kWh	21,433,712	\$572	0.186%		\$539	\$0.000025	\$0.000025
Units - All kWh	172,841	680	0.221%		\$641	\$0.003713	\$0.003713
Rate UOLS, Unmetered Outdoor Lighting							
All kWh	17,042,527	\$1,988	0.646%		\$1,874	\$0.000110	\$0.000110
Totals	20,233,124,801	\$112,093,216		\$111,686,746	\$111,686,746	100%	100%

Duke Energy Ohio
ESSC Revenue Requirement for Rate Design

Duke Energy Ohio
Methodology for Calculating Average Riders RC and RE

	Month	Auction 1			Auction 2			Auction 3			Auction 4			Auction 5			Auction 6		
		Jan 12-May 13	Jan 12-May 14	Jan 12-May 15	Jun 13-May 15	Jun 14-May 15	Jun 14-May 15	Jun 14-May 15											
Auction 1	Dec 2011	\$49.72	\$51.10	\$57.08												\$52.68	\$3.60	\$49.08	
	Jan 2012	49.72	51.10	57.08												52.68	3.60	49.08	
	Feb	49.72	51.10	57.08												52.68	3.60	49.08	
	Mar	49.72	51.10	57.08												52.68	3.60	49.08	
	Apr	49.72	51.10	57.08												52.68	3.60	49.08	
	May	49.72	51.10	57.08												52.68	3.60	49.08	
Auction 2	May	49.72	51.10	57.08												52.68	3.60	49.08	
	Jun	49.72	51.10	57.08												52.68	3.60	49.08	
	Jul	49.72	51.10	57.08												52.68	3.60	49.08	
	Aug	49.72	51.10	57.08												52.68	3.60	49.08	
	Sep	49.72	51.10	57.08												52.68	3.60	49.08	
	Oct	49.72	51.10	57.08												52.68	3.60	49.08	
Auction 3	Nov	49.72	51.10	57.08												52.68	3.60	49.08	
	Dec	49.72	51.10	57.08												52.68	3.60	49.08	
	Jan 2013	49.72	51.10	57.08												52.68	3.60	49.08	
	Feb	49.72	51.10	57.08												52.68	3.60	49.08	
	Mar	49.72	51.10	57.08												52.68	3.60	49.08	
	Apr	49.72	51.10	57.08												52.68	3.60	49.08	
Auction 4	May	49.72	51.10	57.08												52.68	3.60	49.08	
	Jun	51.10	57.08													53.22	2.32	\$50.90	
	Jul	51.10	57.08													53.22	2.32	\$50.90	
	Aug	51.10	57.08													53.22	2.32	\$50.90	
	Sep	51.10	57.08													53.22	2.32	\$50.90	
	Oct	51.10	57.08													53.22	2.32	\$50.90	
Auction 5	Nov	51.10	57.08													53.22	2.32	\$50.90	
	Dec	51.10	57.08													53.22	2.32	\$50.90	
	Jan 2014	51.10	57.08													53.22	2.32	\$50.90	
	Feb	51.10	57.08													53.22	2.32	\$50.90	
	Mar	51.10	57.08													53.22	2.32	\$50.90	
	Apr	51.10	57.08													53.22	2.32	\$50.90	
Auction 6	May	51.10	57.08													53.22	2.32	\$50.90	
	Jun	57.08	52.14	50.56												#VALUE!	\$9.81	#VALUE!	
	Jul	57.08	52.14	50.56												#VALUE!	9.81	#VALUE!	
	Aug	57.08	52.14	50.56												#VALUE!	9.81	#VALUE!	
	Sep	57.08	52.14	50.56												#VALUE!	9.81	#VALUE!	
	Oct	57.08	52.14	50.56												#VALUE!	9.81	#VALUE!	
Auction 7	Nov	57.08	52.14	50.56												#VALUE!	9.81	#VALUE!	
	Dec	57.08	52.14	50.56												#VALUE!	9.81	#VALUE!	
	Jan 2015	57.08	52.14	50.56												#VALUE!	9.81	#VALUE!	
	Feb	57.08	52.14	50.56												#VALUE!	9.81	#VALUE!	
	Mar	57.08	52.14	50.56												#VALUE!	9.81	#VALUE!	
	Apr	57.08	52.14	50.56												#VALUE!	9.81	#VALUE!	
Auction 8	May	57.08	52.14	50.56												#VALUE!	9.81	#VALUE!	

NOTE: (1) Ultimate prices for each delivery period will be the weighted-average of all tranches auctioned for the applicable delivery period.

(2) Average capacity prices, BEFORE LOSSES, as calculated on Exhibit 1-B, page 2.

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

Period	Methodology for Calculating Average Price for Rider RC		
	Underlying Capacity Price Demand ⁽¹⁾	Days in Period FZCP ⁽²⁾	
	Capacity Cost To Recover ⁽³⁾	Projected MWh in Period ⁽⁴⁾	Average Capacity Price ⁽⁵⁾
Jan '12 - May '12	\$116.16	152	\$82,190,170
Jun '12 - May '13	16.46	365	28,825,904
Jun '13 - May '14	27.73	365	48,562,717
Jun '14 - May '15	125.99	365	220,642,507

Note: ⁽¹⁾ Reliability Obligation as reported to PJM. (Will need to update future years for any growth).

⁽²⁾ PJM's Final Zonal Capacity Price. Prices shown for June 2012 through May 2015 are based on the results of the Base Residual Auctions for those delivery periods.

⁽³⁾ FZCP Prices are at load zone.

⁽⁴⁾ Estimated MWh sales, grossed up for T & D losses.

⁽⁵⁾ Assumes first delivery period is January 2012 through May 2013.

INCREASED RETAIL MWH BY T&D LOSSES

Duke Energy Ohio
Allocations of Capacity Costs for Rate Design - June 2013 - May 2014

No.	Description	Allocation of Rider RC Revenue Requirement (1)			Rate (\$/kWh Sales) (2)
		Percent of Total	Allocated \$	Allocated \$ Plus CAT (4)	
<i>Rate Schedule:</i>					
1	Residential (RS, TD, ORH)	39.12%	\$18,999,863	\$19,049,392	7.116,291.458
2	Electric Space Heating (EH)	0.47%	\$228,793	\$229,390	69,443.303
3	Secondary Distribution - Small (DM)	3.05%	\$1,481,619	\$1,485,481	527,335.773
4	Unmetered Small Fixed Load (GSFL, ADPL)	0.17%	\$81,738	\$81,951	30,180.210
5	Secondary Distribution (DS)	36.60%	\$17,774,198	\$17,820,532	6,366,398.533
6	Primary Distribution (DP)	9.66%	\$4,693,471	\$4,705,706	2,318,196.651
7	Transmission Voltage (TS)	10.33%	\$5,018,753	\$5,031,836	3,115,139.371
8	Lighting	0.59%	\$284,281	\$285,022	122,892.816
9	Total	100.00%	\$48,562,717	\$48,689,310	19,665,878.115

Note: (1) Rider RC is allocated in the following manner: First, the total amount is allocated to DP and TS based on 1 CP allocator. The allocation among all other classes is based on energy.

(2) Estimated kWh sales for the period June 1, 2013, through May 31, 2014 from Case No. 12-1682-EL-AIR.

(3) Average Rider RC rates are shown for comparison only. The actual rates for each class are calculated on Exhibit 2 (Attachment B), page 2.

(4) Transmission and Distribution loss factors not needed for RC rate design. CAT factor is 1.0026068.

DUKE ENERGY OHIO
 JUNE 2013 - MAY 2014 CAPACITY PRICES FROM AUCTION⁽¹⁾

	Jan 2012 - Dec 2012 (Case No. 12-1682-EL-AIR)			June 2013 - May 2014		
	kWh; kW; kVA	Base Gen Revenue Dec 2011 Rates	Allocation Factor	Allocated Cap Cost	Allocated Revenue	Rates (\$/kWh; kW; kVA)
Rates RS, RS3P, and RS4I, Residential Service				\$19,049,362		
Summer, First 1000 kWh	1,794,322,031	\$75,980,566	26.951%	\$5,133,983	\$0.002881	
Summer, Additional kWh	847,051,040	47,859,327	18.905%	3,220,328	\$0.003802	
Winter, First 1000 kWh	3,432,735,048	\$145,358,186	51.560%	9,821,873	\$0.002861	
Winter, Additional kWh	947,289,121	9,254,819	3.283%	625,345	\$0.000680	
Rate OR, Optional Residential Service						
Summer, First 1000 kWh	704,644	\$27,200	0.010%	\$1,838	\$0.002608	
Summer, Additional kWh	623,198	30,195	0.011%	2,040	\$0.003274	
Summer, kWh greater than 150 times demand	448,301	21,721	0.008%	1,468	\$0.003274	
Winter, First 1000 kWh	1,715,309	66,209	0.023%	4,474	\$0.002608	
Winter, Additional kWh	1,823,493	26,712	0.009%	1,805	\$0.000980	
Winter, kWh greater than 150 times demand	1,068,948	5,317	0.002%	359	\$0.000339	
Rate TD, Optional Time-of-Day Rate						
Summer, On-Peak kWh	39,961	\$4,109	0.001%	\$278	\$0.006947	
Summer, Off-Peak kWh	103,696	585	0.000%	40	\$0.000381	
Winter, On-Peak kWh	63,194	4,959	0.002%	335	\$0.005303	
Winter, Off-Peak kWh	214,690	1,215	0.000%	82	\$0.000382	
Rate CUR, (Rev. Class 01, 02, 04, 16 & 18 only)						
Summer, First 1000 kWh	18,886,414	\$540,253	0.298%	\$56,776	\$0.003009	
Summer, Additional kWh	7,396,823	436,634	0.155%	29,503	\$0.003988	
Winter, First 1000 kWh	45,572,249	2,029,651	0.720%	137,143	\$0.003009	
Winter, Additional kWh	16,281,058	173,524	0.062%	11,725	\$0.000720	
Rate DS, Secondary Distribution Voltage				\$17,820,532		
First 1000 kW (\$ per kW)	18,983,663	\$163,515,783	58.767%	\$10,472,553	\$0.5517	
Additional kW (\$ per kW)	1,001,117	8,821,411	2.452%	436,885	\$0.4384	
Billing Demand Times 300	5,098,954,612	100,357,825	36.086%	6,427,524	\$0.001261	
Additional kWh	1,267,443,921	7,550,163	2.713%	483,559	\$0.000382	
Rate GS-FL, Optional Unmetered				\$81,951		
KWh Greater Than or Equal to 540 Hours	29,901,864	\$2,020,832	98.052%	\$80,355	\$0.002715	
KWh Less Than 540 Hours	80,480	4,790	0.232%	190	\$0.003149	
Rate SFL-ADPL, Optional Unmetered						
All kWh	517,846	\$35,352	1.715%	\$1,406	\$0.002715	
Rate SH, Optional Electric Space Heating						
All kWh	69,443,303	\$1,744,824	100.000%	\$229,390	\$0.003303	
Rate DM, Secondary Dist. Service, Small				\$1,485,481		
Summer, First 2800 kWh	157,465,541	\$10,566,883	40.734%	\$805,098	\$0.003843	
Summer, Next 3200 kWh	30,846,781	24,837	0.644%	14,020	\$0.000457	
Summer, Additional kWh	6,013,366	(13,981)	-0.054%	(601)	\$0.000133	
Winter, First 2800 kWh	292,974,557	14,806,252	57.462%	653,586	\$0.002914	
Winter, Next 3200 kWh	32,378,648	258,849	0.987%	14,811	\$0.000457	
Winter, Additional kWh	7,685,900	(21,541)	-0.063%	(1,234)	\$0.000157	
Rate DP, Service at Primary Dist. Voltage				\$4,705,706		
First 1000 kW (\$ per kW)	2,458,462	\$19,130,579	25.762%	\$1,212,296	\$0.4929	
Additional kW (\$ per kW)	2,386,571	18,325,898	24.676%	1,161,297	\$0.3886	
Billing Demand Times 300	1,543,881,737	30,955,049	41.685%	1,961,596	\$0.001271	
Additional kWh	774,534,914	5,846,964	7.674%	370,517	\$0.000478	
Rate TS, Service at Transmission Voltage				\$5,031,838		
First 50,000 kVA (\$ per kVA)	4,281,496	\$40,373,220	61.281%	\$2,580,382	\$0.6027	
Additional kVA (\$ per kVA)	1,835,950	12,480,054	15.852%	797,640	\$0.4345	
Billing Demand Times 300	1,750,300,303	17,569,514	22.316%	1,122,924	\$0.000642	
Additional kVA	1,364,839,068	8,306,411	10.551%	530,889	\$0.000389	
Rate TL, Traffic Lighting Service				\$285,022		
All kWh	18,168,698	\$165,081	11.430%	\$32,594	\$0.001794	
Rate SL, Street Lighting Service						
39,007,820	\$735,760	51.039%	\$145,472	\$0.003729		
20,517,593	\$387,536	28.640%	76,516	\$0.003729		
Rate NSU, Street Lighting						
1,029,982	\$19,454	1.348%	3,841	\$0.003729		
Rate NSP, Private Outdoor Lighting						
1,339,788	\$25,306	1.753%	4,998	\$0.003729		
Rate SE, Street Lighting Service						
All kWh	4,987,426	\$94,203	6.52%	16,800	\$0.003729	
Rate SC, Street Lighting						
Energy Only - All kWh	20,986,249	\$2,686	0.185%	\$530	\$0.000225	
Units - All kWh	169,037	3,193	0.221%	630	\$0.003729	
Rate UOLS, Unmetered Outdoor Lighting						
All kWh	16,686,247	\$9,328	0.640%	\$1,642	\$0.000110	
Totals	19,865,678,115	\$744,345,197		\$48,689,310	\$48,689,310	
			CHECK			

Note: ⁽¹⁾ Final figures include applicable CAT.

DUKE ENERGY OHIO
 JUN 2013 - MAY 2014 RETAIL ENERGY RATES CONVERTED FROM AUCTION PRICE

	Jan 2012 - Dec 2012 [Case No. 12-1082-EL-AIR]	June 1, 2013 - May 31, 2014
	Revenue Requirement Plus Losses & CAT	Revenue Requirement Plus Losses & Allocated Revenue
		Rates (\$/kWh: kW, kVA)
Rates RS, RS3P, and RS4I, Residential Service		
Summer, Additional kWh	\$131,804,549	\$101,754,827
Winter, First 1000 kWh	867,051,040	57,152,310
Winter, Additional kWh	\$251,773,952	0.056709
Winter, Additional kWh	947,269,121	94,668,156
	\$38,620,162	0.0567472
	7,885%	29,860,578
		0.056709
		0.051523
Rate ORH, Optional Residential Service		
Summer, First 1000 kWh	\$49,044	0.010%
Summer, Additional kWh	\$49,514	0.010%
Summer, kWh greater than 150 times demand	\$35,618	0.061431
Winter, First 1000 kWh	\$119,394	0.057%
Winter, Additional kWh	\$83,241	0.024%
Winter, kWh greater than 150 times demand	\$38,144	0.024%
		0.053815
		0.035295
		0.027851
Rate TD, Optional Time-of-Day Rate		
Summer, On-Peak kWh	\$9,981	0.01%
Summer, Off-Peak kWh	\$5,347	0.01%
Winter, On-Peak kWh	\$103,696	0.001%
Winter, On-Peak kWh	63,194	0.001%
Winter, Off-Peak kWh	\$6,818	0.001%
	214,880	0.002%
	\$7,376	0.002%
		0.053815
		0.028334
		0.028339
Rate CUR, (Rev. Class 01, 02, 04, 16 & 18 only)		
Summer, First 1000 kWh	18,866,414	\$1,425,112
Summer, Additional kWh	\$865,998	0.284%
Summer, First 1000 kWh	7,398,823	0.133%
Winter, Additional kWh	\$3,442,391	514,940
Winter, Additional kWh	45,572,249	0.688%
Winter, Additional kWh	16,281,098	0.135%
	\$678,238	0.058404
		0.058404
		0.058404
Rate DM, Secondary Dist. Service, Small		
Summer, First 2800 kWh	157,465,541	\$15,448,314
Summer, Next 2200 kWh	\$1,194,387	36,531%
Summer, First 1000 kWh	\$1,646,761	0.133%
Winter, Additional kWh	\$172,433	2.828%
Winter, First 2800 kWh	\$23,984,464	0.408%
Winter, Next 2200 kWh	\$6,726%	0.055748
Winter, Additional kWh	\$2,379,464	858,524
	\$1,262,418	0.026546
	7,856,900	151,144
	\$221,992	0.019240
		0.058404
		0.058404
		0.058404
Rate TS, Service at Transmission Voltage		
All Other Rate Classes		\$0.052727
All kWh		
Totals		
	\$417,339,473	\$417,339,473
		\$0.0564600
		\$0.056903

Note: (1) For purposes of allocated retail energy price among rate blocks for these customer classes, use total 2011 base generation revenue plus fuel (PTC-BG + PTC-FPP).

Fuel rate is the Q1 2011 rate for PTC-FPP, excluding reconciliation adjustments.

(2) Distribution loss factor is 1.03552. Transmission loss factor is 1.03514. CAT factor is 1.026068.

Duke Energy Ohio
Summary Revenue Calculation

Blended Clearing Price Jun 2013 Through May 2014
MWh At Bus Jun 2013 Through May 2014
Payments To Auction Providers

20,924,967.775

\$53,223,600
 20,924,968
 \$1,113,702,115

Rider RC Revenue	Retail kWh	RE Rate
Rider RE Revenue		
Residential (RS, TD, ORH)	7,116,291,458	\$0.054600
Electric Space Heating (EH)	69,443,303	\$0.054600
Secondary Distribution - Small (DM)	527,335,773	\$0.054600
Unmetered Small Fixed Load (GSFL, ADPL)	30,180,210	\$0.054600
Secondary Distribution (DS)	6,366,398,533	\$0.054600
Primary Distribution (DP)	2,318,196,651	\$0.054600
Transmission Voltage (TS)	3,115,139,371	\$0.052727
Lighting	122,892,816	\$0.054600
Total	<u>19,665,878,115</u>	

Total RC plus RE

Total RC plus RE excluding CAT

1.0026068
 Difference (RC/RE Revenue excluding CAT minus Payments To Auction Providers)

\$1,116,605,426
 \$1,113,702,227
 \$112
 0.0%