

**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

In the Matter of:

JOINT APPLICATION OF LOUISVILLE GAS AND)	
ELECTRIC COMPANY AND KENTUCKY UTILITIES)	
COMPANY FOR REVIEW, MODIFICATION, AND)	CASE NO.
CONTINUATION OF EXISTING, AND ADDITION OF)	2014-00003
NEW, DEMAND-SIDE MANAGEMENT AND ENERGY)	
EFFICIENCY PROGRAMS)	

**POST HEARING DATA RESPONSES OF
LOUISVILLE GAS AND ELECTRIC COMPANY
AND KENTUCKY UTILITIES COMPANY
TO THE COMMISSION STAFF'S REQUEST FOR INFORMATION
DURING HEARING HELD ON SEPTEMBER 3, 2014**

FILED: SEPTEMBER 12, 2014

LOUISVILLE GAS AND ELECTRIC COMPANY
KENTUCKY UTILITIES COMPANY

Post Hearing Data Responses to the Commission Staff's Request for Information
During the Hearing Held on September 3, 2014

Dated September 12, 2014

Case No. 2014-00003

Question No. 1

Witness: Michael E. Hornung

Q-1. What greenhouse-gas price did the Companies' use in their most recent IRP?

A-1. Greenhouse gas prices used in the most recent IRP are provided in the following table. The table provided is the same as that found in Volume III of the Companies' 2014 IRP (Case No. 2014-00131) on page 24 of the Resource Assessment.

Table 1 – CO₂ Price Scenarios (Source: Synapse Energy Economics, Inc.)

Year	CO₂ Price (Nominal \$/short ton)	
	Zero	Mid
2013	-	-
2014	-	-
2015	-	-
2016	-	-
2017	-	-
2018	-	-
2019	-	-
2020	-	17
2021	-	20
2022	-	23
2023	-	26
2024	-	30
2025	-	33
2026	-	37
2027	-	40
2028	-	44
2029	-	48
2030	-	52
2031	-	56
2032	-	60
2033	-	64
2034	-	69
2035	-	73
2036	-	78
2037	-	83
2038	-	88
2039	-	93
2040	-	99
2041	-	104
2042	-	110
2043	-	116

**LOUISVILLE GAS AND ELECTRIC COMPANY
KENTUCKY UTILITIES COMPANY**

**Post Hearing Data Responses to the Commission Staff's Request for Information
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Case No. 2014-00003

Question No. 2

Witness: Robert M. Conroy

- Q-2. Provide any assessment by the Companies of the cost of complying with House Bill 388 as it relates to the EPA's Clean Power Plan.
- A-2. The Companies have not created or caused to be created any documents responsive to this request.

**LOUISVILLE GAS AND ELECTRIC COMPANY
KENTUCKY UTILITIES COMPANY**

**Post Hearing Data Responses to the Commission Staff's Request for Information
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Dated September 12, 2014

Case No. 2014-00003

Question No. 3

Witness: Michael E. Hornung

- Q-3. Provide calculations of lost sales and incentives for the Companies' proposed DSM-EE programs.
- A-3. Please see the Companies' responses to Question No. 4 (concerning calculations of the Companies' lost sales from DSM-EE) and Question No. 5 (concerning calculations of the Companies' DSM-EE incentives) of the Commission Staff's First Information Requests. Also, see the Companies' responses to Question No. 1 (showing the dollar values of all the DSM-EE cost-recovery components for all portfolio programs from 2011 through 2018) and Question No. 3 (concerning the Companies approved return on equity on capital investments) of the Commission's Third Information Requests. Copies of the responses and their attachments are attached hereto for ease of reference.

Attachment to Post Hearing Data Response to
KPSC Question No. 3

Hornung

LOUISVILLE GAS AND ELECTRIC COMPANY
KENTUCKY UTILITIES COMPANY

Response to the Commission Staff's First Information Request
Dated February 17, 2014

Case No. 2014-00003

Question No. 4

Witness: Michael E. Hornung

Q-4. Refer to page 5 of KU Electric Tariffs Supporting Calculations for DSM Cost Recovery Mechanism ("KU Supporting Calculations"), Exhibit RMC-1, of the Direct Testimony of Robert M. Conroy ("Conroy Testimony") of the Joint Application.

- a. Provide, by DSM program within each rate schedule, the lost sales factor.
- b. Explain, by DSM program, how the lost sales were determined.
- c. Explain the methodology for determining kWh savings that was used in calculating lost net revenues for 2015. For example, were the projected kWh savings based on annual savings for new participants in 2015, cumulative (period of time greater than one year) of participant savings for 2015, or was some other methodology used?

A-4.

a. The Companies do not calculate the Lost Sales Rate Factor by program, but by rate class. The programmatic energy savings are calculated and applied to an allocation matrix by rate class. The accumulated rate class energy saving values are then multiplied by the appropriate non-variable revenue value to derive the total Lost Sales Dollars by rate class. These dollars are divided by the annual sales forecast in kWh or ccf to determine the specific Lost Sales Rate Factor. The non-variable revenue rate is calculated on a rate class basis, and thus is not applied to the calculation until the energy savings have been allocated to rate classes. The attached spreadsheet outlines the calculations associated with the proposed 2015 Lost Sales Rate Factor.

b. and c.

As stated above, the Companies do not calculate the Lost Sales Rate Factor by program, but by rate class. The following is an example of how the Companies calculate its lost sales. The data used in this example can be found in the attachment to part (a) of this response.

- The energy and gas savings are entered for each program in the DSM/EE Portfolio. The energy savings represent deemed savings based on the deployed measures of each specific program. These deemed savings are then input into the DSMORE

model to calculate the annual savings based on specific load curves associated with each measure. These are then aggregated up for an annual program value. As it relates to the Lost Sales Calculation, the DSM Tariff allows the Companies to collect up to 36 months of lost sales, less impacts from a general rate case. These values found in rows 5 through 34 and columns A through F of the attachment represent the forecasted deemed savings for 2013-2015. Each program has a specific rate class allocation matrix which can be found in rows 37 through 51 and columns C through L of the attachment. (Note: these values are adjusted at the end of each year through the DSM Balancing Adjustment, based on programmatic activities.

- Each program energy and gas savings are multiplied by its individual rate class allocation matrix. For example, the Residential Audit program has a total MWh savings of 14,511Mwh (cell F4 in the attachment). This value is multiplied by each of its associated program to rate class allocation matrices. In the case of the Residential Audit program its associated rate class allocations are LGE-RS (37%); KU-RS (63%); LGE-RS (100%) and LGE-CGS (0%) ((Row 39 and columns C – L of the attachment)). This process is completed for each program in the DSM/EE Portfolio. The outcomes of this step provide the Lost Sales Volume by Rate Class (row 69 and columns C through L of the attachment).
- Lost Sales Volume by Rate Class values are then multiplied by the Non-Variable Revenue for each rate class (rows 75 through 87 and column D) as the Non-Variable Revenue Rate is not calculated on a programmatic basis. The summed value of each LG&E and KU electric and gas rate class provided the Companies lost sales (Cell F 90)

DSM - LOST SALES CALCULATION

Energy Savings (MWh)	2013	2014	2015	Total
Residential Audit	4,182	5,165	5,165	14,511
Residential WeCare	3,729	4,825	5,922	14,476
Residential Lighting	41,485	38,457	-	79,942
Residential HVAC	979	979	-	1,959
Residential Construction	2,420	2,784	-	5,204
Residential Demand	-	-	-	-
Commercial Audit	54,988	54,988	42,631	152,607
Commercial HVAC	88	88	-	176
Commercial Demand	-	-	-	-
Residential Incentives	10,721	16,291	25,221	52,233
Residential SEP	-	-	106,475	106,475
Residential Frig Removal	6,000	7,500	7,500	21,000
KSBA	12,312	12,370	-	24,681
Total	138,917	145,461	194,928	473,265
Gas Saving (CCF)	2013	2014	2015	Total
Residential Audit	133,124	165,031	165,031	463,185
Residential WeCare	291,706	377,502	463,298	1,132,505
Residential Lighting	-	-	-	-
Residential HVAC	-	-	-	-
Residential Construction	83,283	95,776	-	179,059
Residential Demand	-	-	-	-
Commercial Audit	(152,882)	(152,882)	(103,534)	(409,297)
Commercial HVAC	-	-	-	-
Commercial Demand	-	-	-	-
Residential Incentives	-	-	-	-
Residential SEP	-	-	1,767,178	1,767,178
Residential Frig Removal	-	-	-	-
KSBA	-	-	-	-
Total	355,232	485,427	2,291,972	3,132,630

Program to Rate Class - Allocation Matrix	LGE-E	LGE-E	LGE-E	LGE-E	KU	KU	KU	KU	LGE-G	LGE-G
Utility	LGE-RS	LGE-GS	LGE-CPS	LGE-CTOD	KU-RS	KU-GS	KU-AES	KU-PS	LGE-RGS	LGE-CGS
Residential Audit	37.00%				63.00%				100.00%	0.00%
Residential WeCare	27.85%				72.15%				100.00%	0.00%
Residential Lighting	50.00%				50.00%					
Residential HVAC	50.00%				50.00%					
Residential Construction	41.08%				58.92%				100.00%	0.00%
Residential Demand	50.00%				50.00%					
Commercial Audit		27.15%	17.29%	5.56%		26.67%	0.91%	22.42%	0.00%	100.00%
Commercial HVAC		47.00%	2.83%	0.17%		46.17%	0.36%	3.47%		
Commercial Demand		10.08%	37.68%	1.84%		10.08%	3.75%	36.57%	0.00%	100.00%
Residential Incentives	50.00%				50.00%					
Smart Energy Profile	41.70%				58.30%				100.00%	0.00%
Residential Frig Removal	50.00%				50.00%					
KSBA		16.85%	10.73%	3.45%		36.79%	1.26%	30.92%		

Lost Sales Volume by Rate Class										
Utility	LGE-E	LGE-E	LGE-E	LGE-E	KU	KU	KU	KU	LGE-G	LGE-G
Rate Class	LGE-RS	LGE-GS	LGE-CPS	LGE-CTOD	KU-RS	KU-GS	KU-AES	KU-PS	LGE-RGS	LGE-CGS
Residential Audit	5,369	-	-	-	9,142	-	-	-	463,185	-
Residential WeCare	4,032	-	-	-	10,445	-	-	-	1,132,505	-
Residential Lighting	39,971	-	-	-	39,971	-	-	-	-	-
Residential HVAC	979	-	-	-	979	-	-	-	-	-
Residential Construction	2,138	-	-	-	3,066	-	-	-	179,059	-
Residential Demand	-	-	-	-	-	-	-	-	-	-
Commercial Audit	-	41,433	26,386	8,485	-	40,700	1,389	34,215	-	(409,297)
Commercial HVAC	-	83	5	0	-	81	1	6	-	-
Commercial Demand	-	-	-	-	-	-	-	-	-	-
Residential Incentives	26,117	-	-	-	26,117	-	-	-	-	-
Smart Energy Profile	44,400	-	-	-	62,075	-	-	-	1,767,178	-
Residential Frig Removal	10,500	-	-	-	10,500	-	-	-	-	-
KSBA	-	4,159	2,649	852	-	9,079	310	7,633	-	-
	133,506	45,675	29,039	9,337	162,295	49,861	1,699	41,853	3,541,928	(409,297)

Lost Sales Calculations					
Rate Class	Volume MWh	Non-Variable		Billing	
		Revenue \$/kWh	Value \$	Determinants kWh	Rate ¢/kWh
LGE-RS	133,506	\$ 0.0522	\$ 6,969,001	4,247,089,487	0.1641
LGE-GS	45,675	\$ 0.0624	\$ 2,850,104	1,424,587,692	0.2001
LGE-CPS	29,039	\$ 0.0469	\$ 1,361,952	2,032,406,244	0.0670
LGE-CTOD	9,337	\$ 0.0414	\$ 386,553	839,616,941	0.0460
KU-RS	162,295	\$ 0.0454	\$ 7,368,186	6,323,633,336	0.1165
KU-GS	49,861	\$ 0.0586	\$ 2,921,848	1,959,635,314	0.1491
KU-AES	1,699	\$ 0.0423	\$ 71,874	146,878,176	0.0489
KU-PS	41,853	\$ 0.0399	\$ 1,669,940	3,309,226,896	0.0505
	473,265				
	ccf	\$/ccf	\$	ccf	¢/ccf
LGE-RGS	3,541,928	0.2642	\$ 935,777	197,851,872	0.4730
LGE-CGS	(409,297)	0.21	n/a	103,300,925	n/a
	3,132,630				
TOTAL			\$ 24,535,234		

**LOUISVILLE GAS AND ELECTRIC COMPANY
KENTUCKY UTILITIES COMPANY**

**Response to the Commission Staff's First Information Request
Dated February 17, 2014**

Case No. 2014-00003

Question No. 5

Witness: Michael E. Hornung

Q-5. Refer to page 7 of KU Supporting Calculations, Exhibit RMC-1, of the Conroy Testimony of the Joint Application.

- a. Provide, by program within each rate schedule, the incentive rate.
- b. Explain, by program, how each incentive was determined.

A-5.

- a. The Companies do not calculate the Incentive Factor by program, but by rate class. Net Resource Benefits and costs are calculated on a programmatic basis. These values are then used to determine the lesser of 15% Net Resource Benefits or 5% of the Program Costs to determine the incentive levels. The incentives are then applied to an allocation matrix to determine the rate-class level incentives. These are then divided into the appropriate billing determinants (kWh or ccf) to calculate the Incentive Rate Factor. The attached spreadsheet outlines the calculations associated with the proposed 2015 Incentive Rate Factor.
- b. Resource Benefits and costs are calculated through the DSMore software by evaluating each individual program for the current calendar year. The costs in this calculation include both the utility costs as well as the participant cost for each program. These values are then summed and multiplied by 15% to determine the Net Resource Benefits allowable for each program unless specifically addressed in the Companies' tariff. Net Resource Benefits are then compared to 5% of the annual programmatic budgets outline in the DCR component of the DSM Rate. The Company is allowed to collect the lesser of these two values. The incentives are then applied to an allocation matrix to determine the rate-class level incentives. These are then divided into the appropriate billing determinants (kWh or ccf) to calculate the Incentive Rate Factor. The attached spreadsheet outlines the calculations associated with the proposed 2015 Incentive Rate Factor.

DSM - INCENTIVE CALCULATION

2015 Program Benefits - DSMore - (\$,000)	Utility+Participant					Incentive Calculation				Net Resource Benefits (NRB)	15% NRB	Lesser 15% NBR - 5%PB	
	Avoided NG Prod	Avoided NG Capacity	Elec. Prod Decrease	Avoided Capacity	Program Costs	Gas Benefits	Electric Benefits	Total Costs	Program Budgets				5% Program Budgets (PB)
Residential Audit	1,339	0	2,954	1,384	(3,278)	\$1,339	\$4,338	(\$3,278)	\$2,399	\$360	\$2,255	\$113	\$113
Residential WeCare	6,025	0	5,253	874	(4,947)	\$6,025	\$6,127	(\$4,947)	\$7,205	\$1,081	\$4,947	\$247	\$247
Residential Lighting						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Residential HVAC						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Residential Construction						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Residential Demand						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 DCCR
Dealer Referral Network						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Commercial Audit/Rebates	103	0	30,216	22,210	(9,035)	\$103	\$52,425	(\$9,035)	\$43,493	\$6,524	\$3,339	\$167	\$167
Commercial HVAC						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Commercial Demand						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 DCCR
Education & Information						\$0	\$0	\$0	\$0	\$0	\$4,043	\$202	\$202 per tariff - 5%
Development & Administration						\$0	\$0	\$0	\$0	\$0	\$1,373	\$69	\$0
Residential Incentives	0	0	13,340	4,425	(10,772)	\$0	\$17,765	(\$10,772)	\$6,992	\$1,049	\$4,108	\$205	\$205
Smart Energy Profile	1,226	0	5,822	2,884	(3,311)	\$1,226	\$8,706	(\$3,311)	\$6,621	\$993	\$3,311	\$166	\$166
Frig Removal	0	0	2,975	775	(2,037)	\$0	\$3,750	(\$2,037)	\$1,714	\$257	\$2,037	\$102	\$102
KSBA									\$0	\$0	\$0	\$0	\$0
									\$10,264		\$25,413	\$1,271	\$1,202

Utility	LGE-E	LGE-E	LGE-E	LGE-E	KU	KU	KU	KU	LGE-G	LGE-G
Rate Class	LGE-RS	LGE-GS	LGE-CPS	LGE-CTOD	KU-RS	KU-GS	KU-AES	KU-PS	LGE-RGS	LGE-CGS
Residential Audit	29.40%					50.00%			20.60%	
Residential WeCare	19.30%					50.00%			30.70%	
Residential Lighting	50.00%					50.00%				
Residential HVAC	50.00%					50.00%				
Residential Construction	34.90%					50.00%			15.10%	
Residential Demand	50.00%					50.00%				
Dealer Referral Network	24.70%	0.20%	0.00%	1.70%	41.30%	8.00%	0.10%	0.60%	20.40%	3.00%
Commercial Audit/Rebates		27.10%	17.30%	5.60%		26.70%	0.90%	22.40%		0.00%
Commercial HVAC		2.80%	0.20%	0.40%		46.20%	0.40%	3.50%		46.90%
Commercial Demand		37.40%	1.80%	0.80%		10.00%	3.70%	36.30%		10.00%
Education & Information	24.70%	3.00%	0.20%	1.70%	41.30%	8.00%	0.10%	0.60%	20.40%	1.70%
Development & Administration	24.70%	0.20%	0.00%	1.70%	41.30%	8.00%	0.10%	0.60%	20.40%	3.00%
Residential Incentives	50.00%					50.00%				
Smart Energy Profile	35.80%					50.00%			14.20%	
Frig Removal	50.00%					50.00%				
KSBA		16.85%	10.73%	3.45%		36.83%	1.24%	30.90%		

Utility	LGE-E	LGE-E	LGE-E	LGE-E	KU	KU	KU	KU	LGE-G	LGE-G	Total
Rate Class	LGE-RS	LGE-GS	LGE-CPS	LGE-CTOD	KU-RS	KU-GS	KU-AES	KU-PS	LGE-RGS	LGE-CGS	
Residential Audit	\$33	\$0	\$0	\$0	\$56	\$0	\$0	\$0	\$23	\$0	\$113
Residential WeCare	\$48	\$0	\$0	\$0	\$124	\$0	\$0	\$0	\$76	\$0	\$247
Residential Lighting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Residential HVAC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Residential Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Residential Demand	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Dealer Referral Network	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Commercial Audit/Rebates	\$0	\$45	\$29	\$9	\$0	\$45	\$2	\$37	\$0	\$0	\$167
Commercial HVAC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Commercial Demand	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Education & Information	\$50	\$6	\$0	\$0	\$83	\$16	\$0	\$1	\$41	\$3	\$202
Development & Administration	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Residential Incentives	\$103	\$0	\$0	\$0	\$103	\$0	\$0	\$0	\$0	\$0	\$205
Smart Energy Profile	\$59	\$0	\$0	\$0	\$83	\$0	\$0	\$0	\$24	\$0	\$166
Frig Removal	\$51	\$0	\$0	\$0	\$51	\$0	\$0	\$0	\$0	\$0	\$102
KSBA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$344	\$51	\$29	\$9	\$500	\$61	\$2	\$39	\$164	\$3	\$1,202

Rate Class	Total Incentive \$	Billing Determinants kWh	Rate ¢/kWh
LGE-RS	\$343,703	4,247,089,487	0.008
LGE-GS	\$51,307	1,424,587,692	0.004
LGE-CPS	\$29,286	2,032,406,244	0.001
LGE-CTOD	\$9,349	839,616,941	0.001
KU-RS	\$499,927	6,323,633,336	0.008
KU-GS	\$60,747	1,959,635,314	0.003
KU-AES	\$1,705	146,878,176	0.001
KU-PS	\$38,609	3,309,226,896	0.001
		ccf	e/ccf
LGE-RGS	\$163,906	197,851,872	0.083
LGE-CGS*	\$0	103,300,925	0.000
	\$1,198,538		

*No incentive related to increased gas usage

**LOUISVILLE GAS AND ELECTRIC COMPANY
KENTUCKY UTILITIES COMPANY**

**Response to the Commission Staff's Third Information Request
Dated April 16, 2014**

Case No. 2014-00003

Question No. 1

Witness: Michael E. Hornung

Q-1. Refer to pages 3-5 of the response to Item 34 of Commission Staff's Second Request for Information in Case No. 2011-00134.¹

- a. Provide, by demand-side management ("DSM") component, program, and year, similar schedules for 2011 to 2013.
- b. Provide, by DSM component, program, and year, similar projected schedules for 2014 to 2018.

A-1.

- a. See attached.
- b. See attached.

¹ Case No. 2011-00134, Joint Application of Louisville Gas and Electric Company and Kentucky Utilities Company for Review, Modification, and Continuation of Existing, and Addition of New Demand-Side Management and Energy-Efficiency Programs (Ky. PSC Nov. 9, 2011).

2011 LG&E Electric Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$276,362	\$96,716	\$9,528	\$0		\$382,607
Residential Low Income Weatherization	\$468,217	\$158,726	\$22,686	\$0		\$649,629
Residential High- Efficiency Lighting	\$1,942,574	\$3,776,791	\$94,547	\$0		\$5,813,912
Residential HVAC Tune Up	\$164,856	\$50,371	\$8,457	\$0		\$223,684
Residential New Construction	\$443,758	\$87,397	\$48,163	\$0		\$579,318
Residential Load Management	\$2,754,278	\$203,987	\$188,550	\$0		\$3,146,815
Residential Incentives	\$0	\$0	\$0	\$0		\$0
Residential Refrigerator Removal	\$0	\$0	\$0	\$0		\$0
Smart Energy Profile	\$0	\$0	\$0	\$0		\$0
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$195,179	\$0	\$0	\$0		\$195,179
Dealer Referral Network	\$50,351	\$0	\$2,441	\$0		\$52,793
Commercial Conservation/Rebates	\$1,397,559	\$3,574,133	\$77,624	\$0		\$5,049,316
Commercial HVAC Tune Up	\$130,967	\$107,813	\$11,281	\$0		\$250,061
Commercial Load Management	\$442,130	\$13,452	\$11,579	\$0		\$467,161
KSBA	\$0	\$0	\$0	\$0		\$0
Customer Education & Public Information	\$958,765	\$0	\$40,512	\$0		\$999,277
Program Development & Administration	\$311,173	\$0	\$0	\$0		\$311,173
Total	\$9,536,171	\$8,069,386	\$515,370	\$0		\$18,120,927
Total with DBA					(\$5,982,047)	\$12,138,880

2011 LG&E Gas Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$224,454	\$54,702	\$8,156	\$0		\$287,312
Residential Low Income Weatherization	\$317,408	\$88,800	\$19,420	\$0		\$425,627
Residential High- Efficiency Lighting	\$0	\$0	\$0	\$0		\$0
Residential HVAC Tune Up	\$0	\$0	\$0	\$0		\$0
Residential New Construction	\$246,530	\$25,778	(\$7,653)	\$0		\$264,655
Residential Load Management	\$89,887	\$79,212	\$22,824	\$0		\$191,924
Residential Incentives	\$0	\$0	\$0	\$0		\$0
Residential Refrigerator Removal	\$0	\$0	\$0	\$0		\$0
Smart Energy Profile	\$0	\$0	\$0	\$0		\$0
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$12,813	\$0	\$0	\$0		\$12,813
Dealer Referral Network	\$59,876	\$0	\$1,967	\$0		\$61,842
Commercial Conservation/Rebates	\$33,848	\$0	\$0	\$0		\$33,848
Commercial HVAC Tune Up	(\$0)	\$0	\$0	\$0		(\$0)
Commercial Load Management	\$14,715	\$0	\$0	\$0		\$14,715
KSBA	\$0	\$0	\$0	\$0		\$0
Customer Education & Public Information	\$787,152	\$0	\$32,633	\$0		\$819,785
Program Development & Administration	\$232,999	\$0	\$0	\$0		\$232,999
Total	\$2,019,683	\$248,492	\$77,347	\$0		\$2,345,522

Total with DBA

\$725,245

\$3,070,767

2011 KU Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$403,445	\$130,273	\$17,875	\$0		\$551,592
Residential Low Income Weatherization	\$1,248,880	\$80,278	\$42,560	\$0		\$1,371,718
Residential High- Efficiency Lighting	\$2,094,163	\$3,252,458	\$99,327	\$0		\$5,445,949
Residential HVAC Tune Up	\$163,533	\$43,378	\$8,885	\$0		\$215,795
Residential New Construction	\$648,599	\$117,720	(\$329)	\$0		\$765,989
Residential Load Management	\$2,761,010	\$219,091	\$220,091	\$0		\$3,200,191
Residential Incentives	\$0	\$0	\$0	\$0		\$0
Residential Refrigerator Removal	\$0	\$0	\$0	\$0		\$0
Smart Energy Profile	\$0	\$0	\$0	\$0		\$0
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0	\$0		\$0
Dealer Referral Network	\$106,851	\$0	\$4,641	\$0		\$111,491
Commercial Conservation/Rebates	\$1,370,304	\$2,325,661	\$81,300	\$0		\$3,777,265
Commercial HVAC Tune Up	\$135,779	\$85,893	\$11,679	\$0		\$233,351
Commercial Load Management	\$512,697	\$13,723	\$12,562	\$0		\$538,982
KSBA	\$0	\$0	\$0	\$0		\$0
Customer Education & Public Information	\$1,807,733	\$0	\$77,006	\$0		\$1,884,739
Program Development & Administration	\$542,462	\$0	\$0	\$0		\$542,462
Total	\$11,795,454	\$6,268,474	\$575,595	\$0		\$18,639,523
Total with DBA					(\$5,115,036)	\$13,524,487

2012 LG&E Electric Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$329,212	\$145,697	\$11,393			\$486,302
Residential Low Income Weatherization	\$491,285	\$185,813	\$22,727			\$699,825
Residential High- Efficiency Lighting	\$1,716,206	\$4,715,676	\$85,701			\$6,517,583
Residential HVAC Tune Up	\$185,733	\$72,684	\$10,576			\$268,992
Residential New Construction	\$449,686	\$128,952	\$17,573			\$596,211
Residential Load Management	\$0	\$226,321	\$0	\$2,426,580		\$2,652,901
Residential Incentives	\$876,708	\$209,872	\$38,967			\$1,125,546
Residential Refrigerator Removal	\$239,957	\$73,689	\$20,282			\$333,929
Smart Energy Profile	\$551,310	\$607,629	\$24,372			\$1,183,312
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$116,857	\$0	\$0			\$116,857
Dealer Referral Network	\$45,161	\$0	\$0			\$45,161
Commercial Conservation/Rebates	\$1,707,904	\$4,756,300	\$82,327			\$6,546,531
Commercial HVAC Tune Up	\$21,019	\$94,397	\$3,955			\$119,371
Commercial Load Management	\$0	\$13,807	\$0	\$197,604		\$211,412
KSBA	\$0	\$0	\$0			\$0
Customer Education & Public Information	\$968,932	\$0	\$47,296			\$1,016,228
Program Development & Administration	\$285,555	\$0	\$0			\$285,555
Total	\$7,985,525	\$11,230,838	\$365,168	\$2,624,184		\$22,205,715
Total with DBA					(\$3,935,612)	\$18,270,102

2012 LG&E Gas Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$239,697	\$66,238	\$6,747			\$312,682
Residential Low Income Weatherization	\$362,435	\$116,272	\$30,458			\$509,165
Residential High- Efficiency Lighting	\$0	\$0	\$0			\$0
Residential HVAC Tune Up	\$0	\$0	\$0			\$0
Residential New Construction	\$207,456	\$37,227	\$14,413			\$259,095
Residential Load Management	\$0	\$90,502	\$0	\$1,130,972		\$1,221,474
Residential Incentives	-	\$0	\$0			\$0
Residential Refrigerator Removal	\$0	\$0	\$0			\$0
Smart Energy Profile	\$218,209	\$91,479	\$8,178			\$317,866
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$22,107	\$0	\$0			\$22,107
Dealer Referral Network	\$50,270	\$0	\$0			\$50,270
Commercial Conservation/Rebates	\$14,502	\$0	\$0			\$14,502
Commercial HVAC Tune Up	\$0	\$0	\$0			\$0
Commercial Load Management	\$0	\$0	\$0	\$34,608		\$34,608
KSBA	\$0	\$0	\$0			\$0
Customer Education & Public Information	\$801,476	\$0	\$29,759			\$831,235
Program Development & Administration	\$198,470	\$0	\$0			\$198,470
Total	\$2,114,622	\$401,718	\$89,556	\$1,165,580		\$3,771,475
Total with DBA					(\$263,937)	\$3,507,538

2012 KU Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$475,624	\$150,503	\$18,190			\$644,317
Residential Low Income Weatherization	\$1,123,645	\$115,934	\$55,203			\$1,294,781
Residential High- Efficiency Lighting	\$1,839,325	\$3,015,895	\$80,344			\$4,935,565
Residential HVAC Tune Up	\$201,775	\$46,485	\$9,915			\$258,174
Residential New Construction	\$505,549	\$125,472	\$23,632			\$654,653
Residential Load Management	\$0	\$187,357	\$0	\$3,444,989		\$3,632,346
Residential Incentives	\$690,423	\$134,223	\$36,531			\$861,177
Residential Refrigerator Removal	\$212,914	\$47,128	\$19,014			\$279,056
Smart Energy Profile	\$768,113	\$543,391	\$31,950			\$1,343,454
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0			\$0
Dealer Referral Network	\$96,791	\$0	\$0			\$96,791
Commercial Conservation/Rebates	\$1,234,821	\$2,129,309	\$63,702			\$3,427,831
Commercial HVAC Tune Up	\$21,025	\$53,435	\$3,184			\$77,644
Commercial Load Management	\$0	\$10,221	\$0	\$307,632		\$317,853
KSBA	\$0	\$0	\$0			\$0
Customer Education & Public Information	\$1,825,828	\$0	\$78,238			\$1,904,066
Program Development & Administration	\$478,284	\$0	\$0			\$478,284
Total	\$9,474,116	\$6,559,352	\$419,904	\$3,752,621		\$20,205,993
Total with DBA					(\$3,403,247)	\$16,802,746

2013 LG&E Electric Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$589,888	\$151,781	\$33,261			\$774,929
Residential Low Income Weatherization	\$586,033	\$101,920	\$35,596			\$723,550
Residential High- Efficiency Lighting	\$1,566,330	\$2,408,236	\$102,059			\$4,076,625
Residential HVAC Tune Up	\$260,841	\$54,999	\$15,125			\$330,965
Residential New Construction	\$496,213	\$105,412	\$27,451			\$629,076
Residential Load Management	\$0	\$0	\$0	\$3,274,899		\$3,274,899
Residential Incentives	\$2,040,936	\$549,664	\$56,737			\$2,647,336
Residential Refrigerator Removal	\$1,168,701	\$264,732	\$48,735			\$1,482,168
Smart Energy Profile	\$941,941	\$1,554,137	\$50,046			\$2,546,124
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0			\$0
Dealer Referral Network	\$15,897	\$0	\$0			\$15,897
Commercial Conservation/Rebates	\$1,257,038	\$2,148,693	\$64,957			\$3,470,688
Commercial HVAC Tune Up	\$23,673	\$3,767	\$3,176			\$30,616
Commercial Load Management	\$0	\$0	\$0	\$296,954		\$296,954
KSBA	\$225,000	\$170,632	\$8,947			\$404,580
Customer Education & Public Information	\$910,591	\$0	\$59,668			\$970,258
Program Development & Administration	\$510,638	\$0	\$0			\$510,638
Total	\$10,593,719	\$7,513,973	\$505,758	\$3,571,852		\$22,185,302
Total with DBA					(\$1,136,531)	\$21,048,772

2013 LG&E Gas Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$418,873	\$45,372	\$15,940			\$480,185
Residential Low Income Weatherization	\$366,897	\$98,784	\$38,603			\$504,284
Residential High- Efficiency Lighting	\$0	\$0	\$0			\$0
Residential HVAC Tune Up	\$0	\$0	\$0			\$0
Residential New Construction	\$209,674	\$30,467	\$8,130			\$248,271
Residential Load Management	\$0	\$0	\$0	\$76,221		\$76,221
Residential Incentives	\$0	\$0	\$0			\$0
Residential Refrigerator Removal	\$0	\$0	\$0			\$0
Smart Energy Profile	\$371,944	\$215,882	\$13,588			\$601,414
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0			\$0
Dealer Referral Network	\$19,542	\$0	\$0			\$19,542
Commercial Conservation/Rebates	(\$845)	\$0	\$0			(\$845)
Commercial HVAC Tune Up	\$0	\$0	\$0			\$0
Commercial Load Management	\$0	\$0	\$0	\$9,371		\$9,371
KSBA	\$0	\$0	\$0			\$0
Customer Education & Public Information	\$745,209	\$0	\$31,093			\$776,302
Program Development & Administration	\$350,463	\$0	\$0			\$350,463
Total	\$2,481,758	\$390,505	\$107,354	\$85,592		\$3,065,209

Total with DBA

(\$2,193)

\$3,063,016

2013 KU Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$713,981	\$206,723	\$52,086			\$972,789
Residential Low Income Weatherization	\$1,259,573	\$211,184	\$84,804			\$1,555,562
Residential High- Efficiency Lighting	\$1,975,773	\$1,925,948	\$93,845			\$3,995,566
Residential HVAC Tune Up	\$215,781	\$43,984	\$13,908			\$273,673
Residential New Construction	\$678,035	\$120,929	\$36,208			\$835,173
Residential Load Management	\$0	\$0	\$0	\$3,104,470		\$3,104,470
Residential Incentives	\$1,628,417	\$439,585	\$52,171			\$2,120,172
Residential Refrigerator Removal	\$906,948	\$211,715	\$44,812			\$1,163,475
Smart Energy Profile	\$1,318,459	\$1,737,948	\$64,348			\$3,120,754
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0			\$0
Dealer Referral Network	\$35,439	\$0	\$0			\$35,439
Commercial Conservation/Rebates	\$2,199,539	\$3,097,592	\$100,462			\$5,397,593
Commercial HVAC Tune Up	\$25,821	\$5,356	\$4,840			\$36,017
Commercial Load Management	\$0	\$0	\$0	\$452,919		\$452,919
KSBA	\$500,000	\$546,637	\$30,751			\$1,077,388
Customer Education & Public Information	\$2,023,056	\$0	\$103,896			\$2,126,953
Program Development & Administration	\$995,102	\$0	\$0			\$995,102
Total	\$14,475,924	\$8,547,601	\$682,131	\$3,557,389		\$27,263,045
Total with DBA					(\$1,435,720)	\$25,827,325

2014 LG&E Electric Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$648,039	\$223,190	\$32,402			\$903,631
Residential Low Income Weatherization	\$763,671	\$153,044	\$38,184			\$954,899
Residential High- Efficiency Lighting	\$1,520,754	\$2,962,514	\$76,038			\$4,559,306
Residential HVAC Tune Up	\$268,821	\$70,297	\$13,441			\$352,559
Residential New Construction	\$488,627	\$145,433	\$24,431			\$658,491
Residential Load Management	\$0	\$0	\$0	\$4,473,292		\$4,473,292
Residential Incentives	\$1,322,865	\$872,273	\$66,143			\$2,261,282
Residential Refrigerator Removal	\$977,914	\$411,075	\$48,896			\$1,437,885
Smart Energy Profile	\$801,313	\$1,264,088	\$40,066			\$2,105,466
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0			\$0
Dealer Referral Network	\$45,508	\$0	\$0			\$45,508
Commercial Conservation/Rebates	\$1,658,061	\$4,136,249	\$82,903			\$5,877,213
Commercial HVAC Tune Up	\$80,000	\$7,429	\$0			\$87,429
Commercial Load Management	\$0	\$0	\$0	\$306,482		\$306,482
KSBA	\$225,000	\$419,035	\$11,250			\$655,285
Customer Education & Public Information	\$1,077,111	\$0	\$53,856			\$1,130,967
Program Development & Administration	\$371,798	\$0	\$0			\$371,798
Total	\$10,249,482	\$10,664,628	\$487,609	\$4,779,774		\$26,181,493
Total with DBA					\$3,300,319	\$29,481,812

2014 LG&E Gas Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$455,570	\$97,739	\$22,778			\$576,087
Residential Low Income Weatherization	\$1,214,752	\$217,606	\$60,738			\$1,493,095
Residential High- Efficiency Lighting	\$0	\$0	\$0			\$0
Residential HVAC Tune Up	\$0	\$0	\$0			\$0
Residential New Construction	\$212,215	\$61,657	\$10,611			\$284,483
Residential Load Management	\$0	\$0	\$0			\$0
Residential Incentives	\$0	\$0	\$0			\$0
Residential Refrigerator Removal	\$0	\$0	\$0			\$0
Smart Energy Profile	\$319,091	\$257,594	\$15,955			\$592,639
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0			\$0
Dealer Referral Network	\$36,165	\$0	\$0			\$36,165
Commercial Conservation/Rebates	\$0	\$0	\$0			\$0
Commercial HVAC Tune Up	\$0	\$0	\$0			\$0
Commercial Load Management	\$0	\$0	\$0			\$0
KSBA	\$0	\$0	\$0			\$0
Customer Education & Public Information	\$855,967	\$0	\$39,493			\$895,460
Program Development & Administration	\$295,463	\$0	\$0			\$295,463
Total	\$3,389,222	\$634,596	\$149,574	\$0		\$4,173,392

Total with DBA

(\$557,773)

\$3,615,620

2014 KU Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$1,103,608	\$330,587	\$55,180			\$1,489,376
Residential Low Income Weatherization	\$1,978,423	\$344,871	\$98,921			\$2,422,216
Residential High- Efficiency Lighting	\$1,520,754	\$2,576,593	\$76,038			\$4,173,385
Residential HVAC Tune Up	\$268,821	\$61,139	\$13,441			\$343,402
Residential New Construction	\$700,842	\$181,445	\$35,042			\$917,330
Residential Load Management	\$0	\$0	\$0	\$4,372,426		\$4,372,426
Residential Incentives	\$1,322,865	\$758,644	\$66,143			\$2,147,652
Residential Refrigerator Removal	\$977,914	\$357,525	\$48,896			\$1,384,335
Smart Energy Profile	\$1,120,403	\$1,537,321	\$56,020			\$2,713,744
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0			\$0
Dealer Referral Network	\$81,673	\$0	\$0			\$81,673
Commercial Conservation/Rebates	\$1,658,061	\$3,774,399	\$82,903			\$5,515,363
Commercial HVAC Tune Up	\$80,000	\$6,913	\$0			\$86,913
Commercial Load Management	\$0	\$0	\$0	\$281,328		\$281,328
KSBA	\$500,000	\$849,726	\$25,000			\$1,374,726
Customer Education & Public Information	\$1,933,078	\$0	\$96,654			\$2,029,732
Program Development & Administration	\$667,261	\$0	\$0			\$667,261
Total	\$13,913,704	\$10,779,164	\$654,239	\$4,653,754		\$30,000,861
Total with DBA					\$3,805,766	\$33,806,626

2015 LG&E Electric Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$662,997	\$280,269	\$33,150			\$976,416
Residential Low Income Weatherization	\$954,728	\$210,451	\$47,736			\$1,212,915
Residential High- Efficiency Lighting	\$0	\$2,086,494	\$0			\$2,086,494
Residential HVAC Tune Up	\$0	\$51,125	\$0			\$51,125
Residential New Construction	\$0	\$111,593	\$0			\$111,593
Residential Load Management	\$0	\$0	\$0	\$5,627,575		\$5,627,575
Residential Incentives	\$2,054,137	\$1,363,290	\$102,707			\$3,520,134
Residential Refrigerator Removal	\$1,018,363	\$548,100	\$50,918			\$1,617,381
Smart Energy Profile	\$1,185,183	\$2,317,679	\$59,259			\$3,562,121
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0	\$246,552		\$246,552
Dealer Referral Network	\$0	\$0	\$0			\$0
Commercial Conservation/Rebates	\$1,669,458	\$4,174,178	\$83,473			\$5,927,108
Commercial HVAC Tune Up	\$0	\$5,405	\$0			\$5,405
Commercial Load Management	\$0	\$0	\$0	\$649,991		\$649,991
KSBA	\$0	\$419,026	\$0			\$419,026
Customer Education & Public Information	\$1,128,038	\$0	\$56,402			\$1,184,440
Program Development & Administration	\$383,134	\$0	\$0			\$383,134
Total	\$9,056,038	\$11,567,609	\$433,645	\$6,524,118		\$27,581,410
Total with DBA					\$1,144,123	\$28,725,533

2015 LG&E Gas Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$464,549	\$122,374	\$23,227			\$610,150
Residential Low Income Weatherization	\$1,518,660	\$299,208	\$75,933			\$1,893,801
Residential High- Efficiency Lighting	\$0	\$0	\$0			\$0
Residential HVAC Tune Up	\$0	\$0	\$0			\$0
Residential New Construction	\$0	\$47,307	\$0			\$47,307
Residential Load Management	\$0	\$0	\$0			\$0
Residential Incentives	\$0	\$0	\$0			\$0
Residential Refrigerator Removal	\$0	\$0	\$0			\$0
Smart Energy Profile	\$470,101	\$466,888	\$23,505			\$960,494
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0			\$0
Dealer Referral Network	\$0	\$0	\$0			\$0
Commercial Conservation/Rebates	\$0	\$0	\$0			\$0
Commercial HVAC Tune Up	\$0	\$0	\$0			\$0
Commercial Load Management	\$0	\$0	\$0			\$0
KSBA	\$0	\$0	\$0			\$0
Customer Education & Public Information	\$893,535	\$0	\$41,240			\$934,775
Program Development & Administration	\$303,486	\$0	\$0			\$303,486
Total	\$3,650,331	\$935,777	\$163,906	\$0		\$4,750,014

Total with DBA

(\$204,629)

\$4,545,386

2015 KU Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$1,127,546	\$415,049	\$56,377			\$1,598,972
Residential Low Income Weatherization	\$2,473,388	\$474,185	\$123,669			\$3,071,242
Residential High- Efficiency Lighting	\$0	\$1,814,690	\$0			\$1,814,690
Residential HVAC Tune Up	\$0	\$44,465	\$0			\$44,465
Residential New Construction	\$0	\$139,205	\$0			\$139,205
Residential Load Management	\$0	\$0	\$0	\$5,487,367		\$5,487,367
Residential Incentives	\$2,054,137	\$1,185,697	\$102,707			\$3,342,541
Residential Refrigerator Removal	\$1,018,363	\$476,700	\$50,918			\$1,545,981
Smart Energy Profile	\$1,655,284	\$2,818,195	\$82,764			\$4,556,243
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0	\$244,911		\$244,911
Dealer Referral Network	\$0	\$0	\$0			\$0
Commercial Conservation/Rebates	\$1,669,458	\$3,808,940	\$83,473			\$5,561,871
Commercial HVAC Tune Up	\$0	\$5,030	\$0			\$5,030
Commercial Load Management	\$0	\$0	\$0	\$612,113		\$612,113
KSBA	\$0	\$849,692	\$0			\$849,692
Customer Education & Public Information	\$2,021,573	\$0	\$101,079			\$2,122,652
Program Development & Administration	\$686,620	\$0	\$0			\$686,620
Total	\$12,706,370	\$12,031,848	\$600,987	\$6,344,391		\$31,683,595
Total with DBA					\$1,356,192	\$33,039,787

2016 LG&E Electric Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$661,626	\$299,246	\$33,081			\$993,953
Residential Low Income Weatherization	\$1,136,254	\$258,281	\$56,813			\$1,451,348
Residential High- Efficiency Lighting	\$0	\$1,003,728	\$0			\$1,003,728
Residential HVAC Tune Up	\$0	\$25,563	\$0			\$25,563
Residential New Construction	\$0	\$59,699	\$0			\$59,699
Residential Load Management	\$0	\$0	\$0	\$5,883,676		\$5,883,676
Residential Incentives	\$2,043,087	\$1,741,728	\$102,154			\$3,886,970
Residential Refrigerator Removal	\$1,034,114	\$587,250	\$51,706			\$1,673,070
Smart Energy Profile	\$1,197,216	\$2,317,679	\$59,861			\$3,574,756
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0	\$374,130		\$374,130
Dealer Referral Network	\$0	\$0	\$0			\$0
Commercial Conservation/Rebates	\$1,684,422	\$3,836,184	\$84,221			\$5,604,827
Commercial HVAC Tune Up	\$0	\$2,701	\$0			\$2,701
Commercial Load Management	\$0	\$0	\$0	\$866,757		\$866,757
KSBA	\$0	\$210,005	\$0			\$210,005
Customer Education & Public Information	\$1,146,807	\$0	\$57,340			\$1,204,148
Program Development & Administration	\$396,402	\$0	\$0			\$396,402
Total	\$9,299,929	\$10,342,064	\$445,176	\$7,124,564		\$27,211,732
Total with DBA				\$0		\$27,211,732

2016 LG&E Gas Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$463,588	\$130,803	\$23,179			\$617,571
Residential Low Income Weatherization	\$1,807,410	\$367,210	\$90,370			\$2,264,990
Residential High-Efficiency Lighting	\$0	\$0	\$0			\$0
Residential HVAC Tune Up	\$0	\$0	\$0			\$0
Residential New Construction	\$0	\$22,003	\$0			\$22,003
Residential Load Management	\$0	\$0	\$0			\$0
Residential Incentives	\$0	\$0	\$0			\$0
Residential Refrigerator Removal	\$0	\$0	\$0			\$0
Smart Energy Profile	\$474,874	\$466,888	\$23,744			\$965,506
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0			\$0
Dealer Referral Network	\$0	\$0	\$0			\$0
Commercial Conservation/Rebates	\$0	\$0	\$0			\$0
Commercial HVAC Tune Up	\$0	\$0	\$0			\$0
Commercial Load Management	\$0	\$0	\$0			\$0
KSBA	\$0	\$0	\$0			\$0
Customer Education & Public Information	\$908,403	\$0	\$41,926			\$950,329
Program Development & Administration	\$314,250	\$0	\$0			\$314,250
Total	\$3,968,524	\$986,905	\$179,220	\$0		\$5,134,649

Total with DBA

\$0

\$5,134,649

2016 KU Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$1,125,214	\$443,151	\$56,261			\$1,624,626
Residential Low Income Weatherization	\$2,943,664	\$581,954	\$147,183			\$3,672,801
Residential High- Efficiency Lighting	\$0	\$872,974	\$0			\$872,974
Residential HVAC Tune Up	\$0	\$22,233	\$0			\$22,233
Residential New Construction	\$0	\$74,471	\$0			\$74,471
Residential Load Management	\$0	\$0	\$0	\$5,715,673		\$5,715,673
Residential Incentives	\$2,043,087	\$1,514,836	\$102,154			\$3,660,078
Residential Refrigerator Removal	\$1,034,114	\$510,750	\$51,706			\$1,596,570
Smart Energy Profile	\$1,672,090	\$2,818,195	\$83,605			\$4,573,890
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0	\$367,347		\$367,347
Dealer Referral Network	\$0	\$0	\$0			\$0
Commercial Conservation/Rebates	\$1,684,422	\$3,500,521	\$84,221			\$5,269,163
Commercial HVAC Tune Up	\$0	\$2,514	\$0			\$2,514
Commercial Load Management	\$0	\$0	\$0	\$816,575		\$816,575
KSBA	\$0	\$425,844	\$0			\$425,844
Customer Education & Public Information	\$2,055,211	\$0	\$102,761			\$2,157,971
Program Development & Administration	\$710,652	\$0	\$0			\$710,652
Total	\$13,268,453	\$10,767,443	\$627,890	\$6,899,595		\$31,563,381
Total with DBA				\$0		\$31,563,381

2017 LG&E Electric Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$672,891	\$299,246	\$33,645			\$1,005,781
Residential Low Income Weatherization	\$1,324,341	\$306,111	\$66,217			\$1,696,669
Residential High- Efficiency Lighting	\$0	\$0	\$0			\$0
Residential HVAC Tune Up	\$0	\$0	\$0			\$0
Residential New Construction	\$0	\$0	\$0			\$0
Residential Load Management	\$0	\$0	\$0	\$6,206,780		\$6,206,780
Residential Incentives	\$2,047,168	\$1,974,802	\$102,358			\$4,124,328
Residential Refrigerator Removal	\$1,075,175	\$587,250	\$53,759			\$1,716,183
Smart Energy Profile	\$1,228,882	\$2,317,679	\$61,444			\$3,608,004
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0	\$454,588		\$454,588
Dealer Referral Network	\$0	\$0	\$0			\$0
Commercial Conservation/Rebates	\$1,699,768	\$3,536,211	\$84,988			\$5,320,968
Commercial HVAC Tune Up	\$0	\$0	\$0			\$0
Commercial Load Management	\$0	\$0	\$0	\$1,083,376		\$1,083,376
KSBA	\$0	\$0	\$0			\$0
Customer Education & Public Information	\$1,170,236	\$0	\$58,512			\$1,228,747
Program Development & Administration	\$410,276	\$0	\$0			\$410,276
Total	\$9,628,735	\$9,021,299	\$460,923	\$7,744,744		\$26,855,701
Total with DBA					\$0	\$26,855,701

2017 LG&E Gas Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$471,481	\$130,803	\$23,574			\$625,859
Residential Low Income Weatherization	\$2,106,595	\$435,212	\$105,330			\$2,647,136
Residential High- Efficiency Lighting	\$0	\$0	\$0			\$0
Residential HVAC Tune Up	\$0	\$0	\$0			\$0
Residential New Construction	\$0	\$0	\$0			\$0
Residential Load Management	\$0	\$0	\$0			\$0
Residential Incentives	\$0	\$0	\$0			\$0
Residential Refrigerator Removal	\$0	\$0	\$0			\$0
Smart Energy Profile	\$487,433	\$466,888	\$24,372			\$978,693
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0			\$0
Dealer Referral Network	\$0	\$0	\$0			\$0
Commercial Conservation/Rebates	\$0	\$0	\$0			\$0
Commercial HVAC Tune Up	\$0	\$0	\$0			\$0
Commercial Load Management	\$0	\$0	\$0			\$0
KSBA	\$0	\$0	\$0			\$0
Customer Education & Public Information	\$926,961	\$0	\$42,783			\$969,744
Program Development & Administration	\$325,249	\$0	\$0			\$325,249
Total	\$4,317,719	\$1,032,903	\$196,058	\$0		\$5,546,681

Total with DBA

\$0

\$5,546,681

2017 KU Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$1,144,372	\$443,151	\$57,219			\$1,644,742
Residential Low Income Weatherization	\$3,430,936	\$689,723	\$171,547			\$4,292,206
Residential High- Efficiency Lighting	\$0	\$0	\$0			\$0
Residential HVAC Tune Up	\$0	\$0	\$0			\$0
Residential New Construction	\$0	\$0	\$0			\$0
Residential Load Management	\$0	\$0	\$0	\$6,015,048		\$6,015,048
Residential Incentives	\$2,047,168	\$1,717,548	\$102,358			\$3,867,074
Residential Refrigerator Removal	\$1,075,175	\$510,750	\$53,759			\$1,639,683
Smart Energy Profile	\$1,716,315	\$2,818,195	\$85,816			\$4,620,326
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0	\$442,157		\$442,157
Dealer Referral Network	\$0	\$0	\$0			\$0
Commercial Conservation/Rebates	\$1,699,768	\$3,226,795	\$84,988			\$5,011,552
Commercial HVAC Tune Up	\$0	\$0	\$0			\$0
Commercial Load Management	\$0		\$0	\$1,022,017		\$1,022,017
KSBA	\$0	\$0	\$0			\$0
Customer Education & Public Information	\$2,097,197	\$0	\$104,860			\$2,202,056
Program Development & Administration	\$735,525	\$0	\$0			\$735,525
Total	\$13,946,454	\$9,406,164	\$660,546	\$7,479,222		\$31,492,386
Total with DBA					\$0	\$31,492,386

2018 LG&E Electric Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$694,209	\$299,246	\$34,710			\$1,028,165
Residential Low Income Weatherization	\$1,513,695	\$353,940	\$75,685			\$1,943,320
Residential High- Efficiency Lighting	\$0	\$0	\$0			\$0
Residential HVAC Tune Up	\$0	\$0	\$0			\$0
Residential New Construction	\$0	\$0	\$0			\$0
Residential Load Management	\$0	\$0	\$0	\$6,550,621		\$6,550,621
Residential Incentives	\$2,066,382	1,974,802	\$103,319			\$4,144,504
Residential Refrigerator Removal	\$1,105,462	\$587,250	\$55,273			\$1,747,985
Smart Energy Profile	\$1,241,389	\$2,317,679	\$62,069			\$3,621,137
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0	\$418,658		\$418,658
Dealer Referral Network	\$0	\$0	\$0			\$0
Commercial Conservation/Rebates	\$1,715,508	\$3,574,232	\$85,775			\$5,375,515
Commercial HVAC Tune Up	\$0	\$0	\$0			\$0
Commercial Load Management	\$0	\$0	\$0	\$1,300,112		\$1,300,112
KSBA	\$0	\$0	\$0			\$0
Customer Education & Public Information	\$1,198,332	\$0	\$59,917			\$1,258,249
Program Development & Administration	\$424,528	\$0	\$0			\$424,528
Total	\$9,959,505	\$9,107,149	\$476,749	\$8,269,390		\$27,812,793
Total with DBA				\$0		\$27,812,793

2018 LG&E Gas Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$486,418	\$130,803	\$24,321			\$641,542
Residential Low Income Weatherization	\$2,407,795	\$503,213	\$120,390			\$3,031,398
Residential High-Efficiency Lighting	\$0	\$0	\$0			\$0
Residential HVAC Tune Up	\$0	\$0	\$0			\$0
Residential New Construction	\$0	\$0	\$0			\$0
Residential Load Management	\$0	\$0	\$0			\$0
Residential Incentives	\$0	\$0	\$0			\$0
Residential Refrigerator Removal	\$0	\$0	\$0			\$0
Smart Energy Profile	\$492,395	\$466,888	\$24,620			\$983,903
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0			\$0
Dealer Referral Network	\$0	\$0	\$0			\$0
Commercial Conservation/Rebates	\$0	\$0	\$0			\$0
Commercial HVAC Tune Up	\$0	\$0	\$0			\$0
Commercial Load Management	\$0	\$0	\$0			\$0
KSBA	\$0	\$0	\$0			\$0
Customer Education & Public Information	\$949,216	\$0	\$43,810			\$993,026
Program Development & Administration	\$336,547	\$0	\$0			\$336,547
Total	\$4,672,372	\$1,100,905	\$213,140	\$0		\$5,986,417
Total with DBA					\$0	\$5,986,417

2018 KU Program	DSM Cost Recovery Component (DCR)	DSM Revenues from Lost Sales (DRLS)	DSM Incentives (DSMI)	DSM Capital Cost Recovery Component (DCCR)	DSM Balancing Adjustment (DBA)	Total
Residential Home Energy Analysis	\$1,180,627	\$443,151	\$59,031			\$1,682,810
Residential Low Income Weatherization	\$3,921,490	\$797,493	\$196,075			\$4,915,057
Residential High- Efficiency Lighting	\$0	\$0	\$0			\$0
Residential HVAC Tune Up	\$0	\$0	\$0			\$0
Residential New Construction	\$0	\$0	\$0			\$0
Residential Load Management	\$0	\$0	\$0	\$6,338,869		\$6,338,869
Residential Incentives	\$2,066,382	\$1,717,548	\$103,319			\$3,887,250
Residential Refrigerator Removal	\$1,105,462	\$510,750	\$55,273			\$1,671,485
Smart Energy Profile	\$1,733,784	\$2,818,195	\$86,689			\$4,638,668
2007 Residential Responsive Pricing/ 2015 Automated Metering Systems	\$0	\$0	\$0	\$400,944		\$400,944
Dealer Referral Network	\$0	\$0	\$0			\$0
Commercial Conservation/Rebates	\$1,715,508	\$3,261,489	\$85,775			\$5,062,772
Commercial HVAC Tune Up	\$0	\$0	\$0			\$0
Commercial Load Management	\$0	\$0	\$0	\$6,338,869		\$6,338,869
KSBA	\$0	\$0	\$0			\$0
Customer Education & Public Information	\$2,147,549	\$0	\$107,377			\$2,254,926
Program Development & Administration	\$761,075	\$0	\$0			\$761,075
Total	\$14,631,877	\$9,548,627	\$693,540	\$13,078,683		\$37,952,726
Total with DBA				\$0		\$37,952,726

**LOUISVILLE GAS AND ELECTRIC COMPANY
KENTUCKY UTILITIES COMPANY**

Response to the Commission Staff's Third Information Request

Dated April 16, 2014

Case No. 2014-00003

Question No. 3

Witness: Robert M. Conroy / Michael E. Hornung

Q-3. Refer to Item 2 of the response to Staff's Second Request, which states,

KRS 278.265(2)(b) provides that the Commission may approve DSM programs that include "incentives designed to provide financial rewards to the utility for implementing cost effective demand-side management programs...." and the Commission's long-established practice concerning providing utilities a financial incentive to implement DSM programs.

- a. If the Companies are receiving lost sales and incentives for the Residential and Commercial Load Management programs, and may receive lost sales and incentives for the proposed Advanced Metering Systems program, explain whether the Companies are now receiving an incentive as to the Residential and Commercial Load Management programs and may be receiving an incentive for the proposed Advanced Metering Systems program in the future.
- b. Explain whether the Companies are receiving a return on and a return of the Residential and Commercial Load Management programs through the DSM Capital Cost Recovery Component (DCCR).
- c. By company, provide the supporting calculations for DSM cost recovery mechanism if the return on equity is 10.25 percent.

A-3. The Companies disagree with the underlying premise of this question in all its subparts, namely that KRS 278.285(2)(b) does not require an incentive return on equity because the Companies recover lost sales and a non-capital-based incentive for most of their DSM-EE programs. First, recovery of lost sales is not an incentive to the Companies to engage in DSM-EE programs; rather, it holds the Companies harmless with respect to those lost sales. Second, the non-capital-based financial reward the Companies have traditionally received for their DSM-EE programs is an adequate incentive with respect to non-capital expenditures, but the Companies do not receive and have not requested such an incentive for the non-capital components of their load-management programs and the proposed AMS offering. Third, the mere recovery of the Companies' capital invested in such programs—

along with the Companies' ordinary carrying costs of capital, including debt costs and a base-rate-level return on equity—does not provide the Companies an incentive to engage in DSM-EE; rather, such recovery makes the Companies financially indifferent to investing capital in such programs versus supply-side resources or other capital investments. To fail to provide an incentive return on equity for DSM-EE programs, particularly for capital-intensive programs like load management and AMS, would be to disregard KRS 278.285(2)(b)'s provision of "financial rewards" for such programs.

- a. Because the currently approved return on equity for the Companies' DSM-EE capital investments is 10.50%, which is 25 basis points higher than their most recently approved base-rate return on equity, the Companies are receiving an appropriate incentive for the capital invested in their load-management programs; the basis points above the approved base-rate return on equity are the incentive. If the Commission approves the Companies' application as filed—including the Companies' request to continue the existing 10.50% return on equity—the Companies will continue to receive an incentive for their load management programs, and will receive an incentive for the AMS offering.

But it is important to reiterate that the Companies do not receive any non-capital-based incentive for their load-management programs, and they do not propose to receive one for their AMS offering; the only incentive the Companies currently receive and will receive for these items will come through their return on equity capital invested. Therefore, if the Commission does not approve an incentive return on equity for these items, there will be no incentive for them.

- b. Please see the response to part a. above.
- c. Please see above. As the Companies stated in response to Item 2 of the Staff's Second Request, KRS 278.285(2)(b) provides for financial incentives for utilities that implement economical DSM-EE programs. The Companies respectfully submit that approving a return on equity in this proceeding that is the same as the return on equity the Commission most recently approved for base rates (10.25%) does not provide the "financial rewards" KRS 278.285(2)(b) contemplates; therefore, the Commission should approve the requested 10.50% return on equity. That notwithstanding, the Companies provide below the requested information.

KU Rates	Capital Cost Recovery Amount at 10.50%	Capital Cost Recovery Amount at 10.25%	Difference
RS, VFD, & LEV	\$5,693,092	\$5,687,328	\$5,764
GS	\$161,608	\$161,275	\$333
AES	\$45,296	\$45,195	\$101
PS, TODP, & TODS	\$444,394	\$443,401	\$993
Total	\$6,344,390	\$6,337,199	\$7,191

LG&E Electric Rates	Capital Cost Recovery Amount at 10.50%	Capital Cost Recovery Amount at 10.25%	Difference
RS, VFD, & LEV	\$5,847,006	\$5,841,249	\$5,757
GS	\$159,233	\$158,910	\$323
PS	\$494,099	\$493,062	\$1,037
CTODP & CTODS	\$23,780	\$23,730	\$50
Total	\$6,524,118	\$6,516,951	\$7,167