105 2 5 2011





Jeff DeRouen, Executive Director Public Service Commission of Kentucky 211 Sower Boulevard P. O. Box 615 Frankfort, Kentucky 40602

July 25, 2011

Louisville Gas and
Electric Company
State Regulation and Rates
220 West Main Street
P.O. Box 32010
Louisville, Kentucky 40232
www.lge-ku.com

Robert M. Conroy Director - Rates T 502-627-3324 F 502-627-3213 robert.conroy@lge-ku.com

RE: In the Matter of: The Application of Louisville Gas and Electric Company for Certificates of Public Convenience and Necessity and Approval of Its 2011 Compliance Plan for Recovery by Environmental Surcharge - Case No. 2011-00162

Dear Mr. DeRouen:

Enclosed please find an original and fifteen (15) copies of Louisville Gas and Electric Company's (LG&E) response to the Kentucky Industrial Utility Customers, Inc. (KIUC) First Set of Data Requests dated July 12, 2011, in the above-referenced matter.

The verification page for Gary H. Revlett is being filed under a separate cover letter.

Should you have any questions regarding the enclosed, please contact me at your convenience.

Sincerely,

Robert M. Conroy

cc: Parties of Record

COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF LOUISVILLE GAS AND)	
ELECTRIC COMPANY FOR CERTIFICATES)	
OF PUBLIC CONVENIENCE AND NECESSITY)	
AND APPROVAL OF ITS 2011 COMPLIANCE)	CASE NO. 2011-00162
PLAN FOR RECOVERY BY ENVIRONMENTAL)	
SURCHARGE)	

LOUISVILLE GAS AND ELECTRIC COMPANY

RESPONSE TO THE
KENTUCKY INDUSTRIAL UTILITY CUSTOMER'S, INC. (KIUC)
FIRST SET OF DATA REQUESTS

DATED JULY 12, 2011

FILED: JULY 25, 2011

COMMONWEALTH OF KENTUCKY)	
)	SS:
COUNTY OF JEFFERSON)	

The undersigned, **Daniel K. Arbough**, being duly sworn, deposes and says that he is Treasurer for Louisville Gas and Electric Company and an employee of LG&E and KU Services Company, and that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.

Daniel K. Arbough

Notary Public (SEAL)

My Commission Expires:

COMMONWEALTH OF KENTUCKY)	
)	SS
COUNTY OF JEFFERSON)	

The undersigned, **Shannon L. Charnas**, being duly sworn, deposes and says that she is Director – Accounting and Regulatory Reporting for LG&E and KU Services Company, and that she has personal knowledge of the matters set forth in the responses for which she is identified as the witness, and the answers contained therein are true and correct to the best of her information, knowledge and belief.

Shannon L. Charnas

Notary Public (SEAL)

My Commission Expires:

COMMONWEALTH OF KENTUCKY)	66
COUNTY OF JEFFERSON)	SS
COUNTE OF JEFFERSON	,	

The undersigned, **Robert M. Conroy**, being duly sworn, deposes and says that he is Director - Rates for LG&E and KU Services Company, and that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.

Robert M. Conroy

Notary Public (SEAL)

My Commission Expires:

COMMONWEALTH OF KENTUCKY)	SS:
COUNTY OF JEFFERSON)	

The undersigned, **Ronald L. Miller**, being duly sworn, deposes and says that he is Director – Corporate Tax for LG&E and KU Services Company, and that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.

Ronald L. Miller

Subscribed and sworn to before me, a Notary Public in and before said County and State, this $21^{\frac{54}{4}}$ day of ________2011.

Notary Public (SEAL)

My Commission Expires:

COMMONWEALTH OF KENTUCKY)	
)	SS
COUNTY OF JEFFERSON)	

The undersigned, **Charles R. Schram**, being duly sworn, deposes and says that he is Director – Energy Planning, Analysis and Forecasting for LG&E and KU Services Company, and that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.

Charles R. Schram

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 22 day of 2011.

Notary Public (SEAL)

My Commission Expires:

	·	

Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 1

Witness: Robert M. Conroy

- Q-1. Refer to Conroy Exhibit RMC-5. Please provide an electronic version of this exhibit with all formulas intact.
- A-1. Please see the response to KPSC Question No. 49.

Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 2

Witness: Robert M. Conroy

- Q-2. Refer to Conroy Exhibit RMC-5 pages 5, 6, 8, 9, and 10. Please separate the amounts shown on the CapEx line item on each of these pages into the cost of removal on existing plant and the construction expenditures on new plant. Please provide the Company's support for the amounts provided in response to this request.
- A-2. Cost of removal of existing plant is not included in the amounts shown on the CapEx line items. The cost included on the CapEx line is the construction expenditures associated with new plant.

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Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 3

Witness: Shannon L. Charnas

- Q-3. Please confirm that cost of removal is included in the Company's approved depreciation rates. Please provide a copy of the most recent depreciation study and identify the pages of the study that demonstrate cost of removal is included in the Company's approved depreciation rates.
- A-3. Yes, cost of removal is included in the Company's approved depreciation rates. LG&E's current depreciation rates were approved in Case No. 2008 00252 by a settlement order dated February 5, 2009. Exhibit 8 to the settlement agreement is a schedule of the Company's depreciation rates to which the parties agreed and which the Commission approved. Exhibit 8 provided the composite rates by plant account. See the attached schedule, which also shows the approved composite rates and the individual components of life, cost of removal and salvage.

Property Group	2006 ASL	Life Rates	COR Rates	Salvage Rates
rroperty Group	Rates	Rates	Kates	Rates
ELECTRIC PLANT				
Intangible Plant	0.00%	0.00%	0.00%	0.00%
Steam Production Plant				
310.20 Land	0.00%	0.00%	0.00%	0.00%
311.00 Structures and Improvements				
0112 Cane Run Unit 1	0.00%	0.00%	0.00%	0.00%
0121 Cane Run Unit 2	0.00%	0.00%	0.00%	0.00%
0131 Cane Run Unit 3	0.00%	0.00%	0.00%	0.00%
0141 Cane Run Unit 4	1.14%	1.02%	0.12%	0.00%
0142 Cane Run Unit 4 FGD	0.95%	0.77%	0.18%	0.00%
0151 Cane Run Unit 5	1.92%	1.75%	0.17%	0.00%
0152 Cane Run Unit 5 FGD	1.56%	1.38%	0.18%	0.00%
0161 Cane Run Unit 6	2.13%	1.90%	0.23%	0.00%
0162 Cane Run Unit 6 FGD	2.04%	1.81%	0.23%	0.00%
0211 Mill Creek Unit 1	1.64%	1.44%	0.20%	0.00%
0212 Mill Creek Unit 1 FGD	1.65%	1.46%	0.19%	0.00%
0221 Mill Creek Unit 2	1.42%	1.22%	0.20%	0.00%
0222 Mill Creek Unit 2 FGD	1.81%	1.59%	0.22%	0.00%
0231 Mill Creek Unit 3	1.51%	1.36%	0.15%	0.00%
0232 Mill Creel Unit 3 FGD	1.47%	1.34%	0.13%	0.00%
0241 Mill Creek Unit 4	1.85%	1.70%	0.15%	0.00%
0242 Mill Creek Unit 4 FGD	1.76%	1.61%	0.15%	0.00%
0311 Trimble County Unit 1	2.08%	1.74%	0.34%	0.00%
0311 TC Cooling Tower (hyperbolic) PHFU 105	2.10%	1.90%	0.20%	0.00%
0312 Trimble County Unit 1 FGD	2.28%	1.94%	0.34%	0.00%
0321 Trimble County Unit 2	2.10%	1.90%	0.20%	0.00%
0322 Trimble County Unit 2 FGD	2.10%	1.90%	0.20%	0.00%
311.10 Capital Leased Property				
0161 Cane Run Unit 6	2.13%	1.90%	0.23%	0.00%
0241 Mill Creek Unit 4	1.85%	1.70%	0.15%	0.00%

n	ASL	Life	COR	Salvage
Property Group	Rates	Rates	Rates	Rates
312.00 Boiler Plant Equipment				
0103 Cane Run Locomotive	2.67%	3.07%	0.00%	-0.40%
0104 Cane Run Rail Cars	3.14%	3.66%	0.00%	-0.52%
0112 Cane Run Unit 1	0.00%	0.00%	0.00%	0.00%
0121 Cane Run Unit 2	0.00%	0.00%	0.00%	0.00%
0131 Cane Run Unit 3	0.00%	0.00%	0.00%	0.00%
0141 Cane Run Unit 4	5.88%	4.46%	1.60%	-0.18%
0142 Cane Run Unit 4 FGD	4.93%	4.05%	1.05%	-0.17%
0151 Cane Run Unit 5	6.11%	5.09%	1.24%	-0.22%
0152 Cane Run Unit 5 FGD	4.07%	3.02%	1.18%	-0.13%
0161 Cane Run Unit 6	5.19%	4.16%	1.18%	-0.15%
0162 Cane Run Unit 6 FGD	4.46%	3.94%	0.65%	-0.13%
0203 Mill Creek Locomotive	2.90%	3.28%	0.00%	-0.38%
0204 Mill Creek Rail Cars	3.13%	3.65%	0.00%	-0.52%
0211 Mill Creek Unit 1	4.24%	3.21%	1.16%	-0.13%
0212 Mill Creek Unit 1 FGD	4.50%	3.47%	1.17%	-0.14%
0221 Mill Creek Unit 2	4.70%	3.73%	1.11%	-0.14%
0222 Mill Creek Unit 2 FGD	4.28%	3.34%	1.07%	-0.13%
0231 Mill Creek Unit 3	3.87%	2.92%	1.06%	-0.11%
0232 Mill Creel Unit 3 FGD	3.85%	2.95%	1.01%	-0.11%
0241 Mill Creek Unit 4	3.85%	2.95%	1.01%	-0.11%
0242 Mill Creek Unit 4 FGD	3.71%	2.90%	0.91%	-0.10%
0311 Trimble County Unit 1	3.62%	2.81%	0.91%	-0.10%
0311 TC Cooling Tower (hyperbolic) PHFU 105	4.28%	2.85%	1.59%	-0.16%
0312 Trimble County Unit 1 FGD	3.62%	2.81%	0.91%	-0.10%
0321 Trimble County Unit 2	4.28%	2.85%	1.59%	-0.16%
0322 Trimble County Unit 2 FGD	4.28%	2.85%	1.59%	-0.16%
314.00 Turbogenerator Units				
0112 Cane Run Unit 1	0.00%	0.00%	0.00%	0.00%
0121 Cane Run Unit 2	0.00%	0.00%	0.00%	0.00%
0131 Cane Run Unit 3	0.00%	0.00%	0.00%	0.00%
0141 Cane Run Unit 4	3.09%	2.29%	0.98%	-0.18%
0151 Cane Run Unit 5	2.22%	1.63%	0.72%	-0.13%
0161 Cane Run Unit 6	3.29%	2.80%	0.69%	-0.20%
0211 Mill Creek Unit 1	2.15%	1.71%	0.56%	-0.12%
0221 Mill Creek Unit 2	2.46%	2.04%	0.56%	-0.14%
0231 Mill Creek Unit 3	2.15%	1.80%	0.48%	-0.13%
0241 Mill Creek Unit 4	2.29%	2.06%	0.38%	-0.15%
0311 TC Cooling Tower (hyperbolic) PHFU 105	2.78%	2.33%	0.50%	-0.05%
0311 Trimble County Unit 1	2.48%	2.28%	0.37%	-0.17%
0321 Trimble County Unit 2	2.78%	2.33%	0.50%	-0.05%

	2006 ASL	Life	COR	Salvage
Property Group	Rates	Rates	Rates	Rates
315.00 Accessory Electric Equipment				
0112 Cane Run Unit 1	0.00%	0.00%	0.00%	0.00%
0121 Cane Run Unit 2	0.00%	0.00%	0.00%	0.00%
0131 Cane Run Unit 3	0.00%	0.00%	0.00%	0.00%
0141 Cane Run Unit 4	3.18%	2.73%	0.45%	0.00%
0142 Cane Run Unit 4 FGD	0.82%	0.32%	0.50%	0.00%
0151 Cane Run Unit 5	2.97%	2.61%	0.36%	0.00%
0152 Cane Run Unit 5 FGD	1.49%	1.11%	0.38%	0.00%
0161 Cane Run Unit 6	2.80%	2.46%	0.34%	0.00%
0162 Cane Run Unit 6 FGD	1.44%	1.08%	0.36%	0.00%
0211 Mill Creek Unit 1	2.75%	2.46%	0.29%	0.00%
0212 Mill Creek Unit 1 FGD	1.67%	1.36%	0.31%	0.00%
0221 Mill Creek Unit 2	2.03%	1.72%	0.31%	0.00%
0222 Mill Creek Unit 2 FGD	1.69%	1.38%	0.31%	0.00%
0231 Mill Creek Unit 3	1.58%	1.34%	0.24%	0.00%
0232 Mill Creel Unit 3 FGD	1.56%	1.31%	0.25%	0.00%
0241 Mill Creek Unit 4	1.75%	1.52%	0.23%	0.00%
0242 Mill Creek Unit 4 FGD	1.71%	1.48%	0.23%	0.00%
0311 Trimble County Unit 1	2.13%	1.93%	0.20%	0.00%
0311 TC Cooling Tower (hyperbolic) PHFU 105	2.49%	2.25%	0.27%	-0.03%
0312 Trimble County Unit 1 FGD	2.12%	1.92%	0.27%	0.00%
0312 Trimble County Unit 1 PGD	2.12%	2.25%	0.20%	-0.03%
0322 Trimble County Unit 2 FGD	2.49%	2.25%	0.27%	-0.03%
316.00 Miscellaneous Plant Equipment				
0112 Cane Run Unit 1	0.00%	0.00%	0.00%	0.00%
0131 Cane Run Unit 3	0.00%	0.00%	0.00%	0.00%
0141 Cane Run Unit 4	6.30%	5.86%	0.44%	0.00%
0142 Cane Run Unit 4 FGD	2.83%	2.27%	0.56%	0.00%
0151 Cane Run Unit 5	5.40%	5.07%	0.33%	0.00%
0152 Cane Run Unit 5 FGD	2.85%	2.44%	0.41%	0.00%
0161 Cane Run Unit 6	4.32%	3.99%	0.33%	0.00%
0162 Cane Run Unit 6 FGD	2.75%	2.34%	0.41%	0.00%
0211 Mill Creek Unit 1	3.22%	2.84%	0.38%	0.00%
0221 Mill Creek Unit 2	2.90%	2.54%	0.36%	0.00%
0231 Mill Creek Unit 3	2.59%	2.28%	0.31%	0.00%
0231 Mill Creek Unit 4	3.04%	2.82%	0.22%	0.00%
	2.83%	2.56%	0.27%	0.00%
0242 Mill Creek Unit 4 FGD	2.89%	2.50%	0.27%	0.00%
0311 Trimble County Unit 1				0.00%
0321 Trimble County Unit 2	3.00%	2.78%	0.22%	0.0076
Hydraulic Production Plant - Project 289				
0451 - Ohio Falls Project 289	0.000/	0.000/	0.000/	ስ ስለፀረ
330.20 Land	0.00%	0.00%	0.00%	0.00%
331.00 Structures and Improvements	0.08%	0.07%	0.01%	0.00%
332.00 Reservoirs, Dams & Waterways	3.30%	3.13%	0.17%	0.00%
333.00 Water Wheels, Turbines and Generators	0.25%	0.19%	0.06%	0.00%
334.00 Accessory Electric Equipment	2.94%	2.76%	0.18%	0.00%
335.00 Misc. Power Plant Equipment	2.29%	2.08%	0.21%	0.00%
336.00 Roads, Railroads and Bridges	0.00%	0.00%	0.00%	0.00%

Property Group	2006 ASL Rates	Life Rates	COR Rates	Salvage Rates
Troperty Group	Ratus	Rates	Rates	Nates
Hydraulic Production Plant - Other Than Project 289 0450 - Ohio Falls Other Than Project 289				
330.20 Land	0.00%	0.00%	0.00%	0.00%
331.00 Structures and Improvements	0.53%	0.45%	0.08%	0.00%
335.00 Misc. Power Plant Equipment	1.61%	1.40%	0.21%	0.00%
336.00 Roads, Railroads and Bridges	0.00%	0.00%	0.00%	0.00%
Oak an Bur du ation Blance				
Other Production Plant	0.00%	0.00%	0.000/	0.00%
340.20 Land	0.00%	0.00%	0.00%	0.00%
341.00 Structures and Improvements	1 240/	1.240/	0.100/	0.000/
0171 Cane Run GT 11	1.34%	1.24%	0.10%	0.00%
0410 Zorn and River Road Gas Turbine	0.61%	0.51%	0.10%	0.00%
0431 Paddys Run Generator 12	0.60%	0.50%	0.10%	0.00%
0432 Paddys Run Generator 13	3.05%	2.93%	0.12%	0.00%
0459 Brown CT 5	3.05%	2.93%	0.12%	0.00%
0460 Brown CT 6	3.17%	3.05%	0.12%	0.00%
0461 Brown CT 7	3.12%	3.00%	0.12%	0.00%
0470 Trimble County CT 5	3.16%	3.04%	0.12%	0.00%
0471 Trimble County CT 6	3.14%	3.02%	0.12%	0.00%
0474 Trimble County CT 7	3.34%	3.22%	0.12%	0.00%
0475 Trimble County CT 8	3.34%	3.22%	0.12%	0.00%
0476 Trimble County CT 9	3.34%	3.22%	0.12%	0.00%
0477 Trimble County CT 10	3.34%	3.22%	0.12%	0.00%
342.00 Fuel Holders, Producers and Accessories				
0171 Cane Run GT 11	3.85%	3.51%	0.34%	0.00%
0410 Zorn and River Road Gas Turbine	0.59%	0.46%	0.13%	0.00%
0430 Paddys Run Generator 11	0.58%	0.45%	0.13%	0.00%
0431 Paddys Run Generator 12	0.85%	0.70%	0.15%	0.00%
0432 Paddys Run Generator 13	3.08%	2.90%	0.18%	0.00%
0459 Brown CT 5	3.07%	2.90%	0.17%	0.00%
0460 Brown CT 6	2.99%	2.81%	0.18%	0.00%
0461 Brown CT 7	2.99%	2.81%	0.18%	0.00%
0470 Trimble County CT 5	3.17%	2.99%	0.18%	0.00%
0471 Trimble County CT 6	3.17%	2.99%	0.18%	0.00%
0473 Trimble County CT Pipeline	3.19%	3.01%	0.18%	0.00%
0474 Trimble County CT 7	3.36%	3.19%	0.17%	0.00%
0475 Trimble County CT 8	3.36%	3.19%	0.17%	0.00%
0476 Trimble County CT 9	3.36%	3.19%	0.17%	0.00%
0477 Trimble County CT 10	3.36%	3.19%	0.17%	0.00%

	2006 ASL	Life	COR	Salvage
Property Group	Rates	Rates	Rates	Rates
343.00 Prime Movers				
0432 Paddys Run Generator 13	3.84%	3.67%	0.17%	0.00%
0459 Brown CT 5	3.84%	3.67%	0.17%	0.00%
0460 Brown CT 6	3.85%	3.66%	0.19%	0.00%
0461 Brown CT 7	3.81%	3.63%	0.18%	0.00%
0470 Trimble County CT 5	3.88%	3.71%	0.17%	0.00%
0471 Trimble County CT 6	3.88%	3.71%	0.17%	0.00%
0474 Trimble County CT 7	3.99%	3.82%	0.17%	0.00%
0475 Trimble County CT 8	3.99%	3.82%	0.17%	0.00%
0476 Trimble County CT 9	3.99%	3.82%	0.17%	0.00%
0477 Trimble County CT 10	3.99%	3.82%	0.17%	0.00%
344.00 Generators				
0171 Cane Run GT 11	5.73%	5.40%	0.33%	0.00%
0410 Zorn and River Road Gas Turbine	2.70%	2.55%	0.15%	0.00%
0430 Paddys Run Generator 11	2.74%	2.59%	0.15%	0.00%
0431 Paddys Run Generator 12	2.63%	2.48%	0.15%	0.00%
0432 Paddys Run Generator 13	3.00%	2.86%	0.14%	0.00%
0459 Brown CT 5	3.00%	2.86%	0.14%	0.00%
0460 Brown CT 6	2.91%	2.77%	0.14%	0.00%
0461 Brown CT 7	2.91%	2.77%	0.14%	0.00%
0470 Trimble County CT 5	3.09%	2.94%	0.15%	0.00%
0471 Trimble County CT 6	3.09%	2.94%	0.15%	0.00%
0474 Trimble County CT 7	3.28%	3.12%	0.16%	0.00%
0475 Trimble County CT 8	3.28%	3.12%	0.16%	0.00%
0476 Trimble County CT 9	3.28%	3.12%	0.16%	0.00%
0477 Trimble County CT 10	3.28%	3.12%	0.16%	0.00%

	2006			
	ASL	Life	COR	Salvage
Property Group	Rates	Rates	Rates	Rates
345.00 Accessory Electric Equipment				
0171 Cane Run GT 11	2.40%	2.40%	0.00%	0.00%
0410 Zorn and River Road Gas Turbine	2.31%	2.31%	0.00%	0.00%
0430 Paddys Run Generator 11	4.27%	4.27%	0.00%	0.00%
0431 Paddys Run Generator 12	3.82%	3.82%	0.00%	0.00%
0432 Paddys Run Generator 13	3.32%	3.32%	0.00%	0.00%
0459 Brown CT 5	3.32%	3.32%	0.00%	0.00%
0460 Brown CT 6	3.26%	3.26%	0.00%	0.00%
0461 Brown CT 7	3.26%	3.26%	0.00%	0.00%
0470 Trimble County CT 5	3.38%	3.38%	0.00%	0.00%
0471 Trimble County CT 6	3.38%	3.38%	0.00%	0.00%
0474 Trimble County CT 7	3.52%	3.52%	0.00%	0.00%
0475 Trimble County CT 8	3.52%	3.52%	0.00%	0.00%
0476 Trimble County CT 9	3.52%	3.52%	0.00%	0.00%
0477 Trimble County CT 10	3.52%	3.52%	0.00%	0.00%
346.00 Miscellaneous Plant Equipment				
0410 Zorn and River Road Gas Turbine	0.00%	0.00%	0.00%	0.00%
0430 Paddys Run Generator 11	0.00%	0.00%	0.00%	0.00%
0431 Paddys Run Generator 12	0.00%	0.00%	0.00%	0.00%
0432 Paddys Run Generator 13	2.81%	2.81%	0.00%	0.00%
0459 Brown CT 5	2.81%	2.81%	0.00%	0.00%
0460 Brown CT 6	2.86%	2.86%	0.00%	0.00%
0461 Brown CT 7	2.86%	2.86%	0.00%	0.00%
0470 Trimble County CT 5	3.22%	3.22%	0.00%	0.00%
0474 Trimble County CT 7	3.11%	3.11%	0.00%	0.00%
0475 Trimble County CT 8	3.11%	3.11%	0.00%	0.00%
0476 Trimble County CT 9	3.12%	3.12%	0.00%	0.00%
0477 Trimble County CT 10	3.10%	3.10%	0.00%	0.00%
OT				
Transmission Plant 350.2 Transmission Lines Land	0.0094	0.0004	0.0004	0.00%
	0.00% 3.92%	0.00% 3.92%	0.00% 0.00%	0.00%
350.1 Land Rights				0.00%
352.1 Structures & Improvements	1.17%	0.94%	0.23%	
353.1 Station Equipment - Project 289	1.32%	1.10%	0.30%	-0.08%
353.1 Station Equipment	1.32%	1.10%	0.30%	-0.08%
354 Towers & Fixtures	1.38%	0.95%	0.43%	0.00%
355 Poles & Fixtures	2.95%	2.13%	0.97%	-0.15%
356.1 Overhead Conductors & Devices - Project 289	2.52%	1.96%	0.74%	-0.18%
356 Overhead Conductors & Devices	2.52%	1.96%	0.74%	-0.18%
357 Underground Conduit	1.85%	1.85%	0.00%	0.00%
358 Underground Conductors & Devices	3.65%	3.65%	0.00%	0.00%

Property Group	2006 ASL Rates	Life Rates	COR Rates	Salvage Rates
Distribution Plant	0.000/	0.0007	0.00%	0.00%
360.2 Substation Land	0.00%	0.00%	0.00%	0.00%
360.2 Substation Land Class A (Plant Held for Future Use)	0.00%	0.00%		0.00%
361 Substation Structures	1.01%	0.70%	0.31%	
362.1 Substation Equipment	1.01%	0.84%	0.23%	-0.06%
362.1 Substation Equipment - Class A (Plant Held for Future Use)	0.00%	0.00%	0.00%	0.00%
364 Poles Towers & Fixtures	3.00%	2.12%	1.15%	-0.27%
365 Overhead Conductors & Devices	2.90%	2.07%	1.14%	-0.31%
366 Underground Conduit	1.25%	1.07%	0.18%	0.00%
367 Underground Conductors & Devices	1.76%	1.35%	0.51%	-0.10%
368.1 Line Transformers	2.18%	1.71%	0.54%	-0.07%
368.2 Line Transformer Installations (Combined in 368)	2.18%	1.71%	0.54%	-0.07%
369.1 Underground Services	2.45%	1.80%	0.65%	0.00%
369.2 Overhead Services	4.99%	2.98%	2.01%	0.00%
370.1 Meters	3.79%	3.54%	0.35%	-0.10%
370.2 Meter Installations (Combined in 370)	3.79%	3.54%	0.35%	-0.10%
373.1 Overhead Street Lighting	2.77%	2.37%	0.40%	0.00%
373.2 Underground Streetlighting	2.95%	2.48%	0.47%	0.00%
373.4 Street lighting Trandformers	0.00%	0.00%	0.00%	0.00%
General Plant				
392.1 Transportation Equip Cars & Trucks	20.00%	20.00%	0.00%	0.00%
392.2 Transportation Equip Trailers	3.62%	3.99%	0.00%	-0.37%
394 Tools, Shop, and Garage Equipment	4.39%	4.39%	0.00%	0.00%
395 Laboratory Equipment	30.32%	30.32%	0.00%	0.00%
396.1 Power Operated Equip Hourly Rated	20.00%	20.00%	0.00%	0.00%
396.2 Power operated Equipment Other	3.17%	3.17%	0.00%	0.00%
GAS PLANT				
INTANGIBLE PLANT	0.00%	0.00%	0.00%	0.00%
UNDERGROUND STORAGE		***************************************		*****
350.1 Land	0.00%	0.00%	0.00%	0.00%
350.2 Rights of Way	0.00%	0.00%	0.00%	0.00%
351.2 Compressor Station Structures	1.36%	1.24%	0.12%	0.00%
351.3 Reg Station Structures	0.00%	0.00%	0.00%	0.00%
351.4 Other Structures	0.92%	0.80%	0.12%	0.00%
352.40 Well Drilling	0.36%	0.26%	0.10%	0.00%
352.50 Well Equipment	3.46%	2.99%	0.47%	0.00%
352.1 Storage Leaseholds & Rights	0.00%	0.00%	0.00%	0.00%
352.2 Reservoirs	0.00%	0.00%	0.00%	0.00%
352.3 Nonrecoverable Natural Gas	0.92%	0.92%	0.00%	0.00%
Gas Stored Underground Non-Current	0.00%	0.00%	0.00%	0.00%
353 Lines	1.68%	1.45%	0.28%	-0.05%
354 Compressor Station Equipment	1.28%	1.16%	0.18%	-0.06%
355 Measuring & Regulating Equipment	1.22%	1.06%	0.21%	-0.05%
356 Purification Equipment	1.92%	1.62%	0.30%	0.00%
357 Other Equipment	2.18%	2.18%	0.00%	0.00%

 Property Group	2006 ASL Rates	Life Rates	COR Rates	Salvage Rates
TRANSMISSION PLANT				
365.2 Rights of Way	0.27%	0.27%	0.00%	0.00%
367 Mains	0.37%	0.32%	0.08%	-0.03%
DISTRIBUTION PLANT				
374 Land	0.00%	0.00%	0.00%	0.00%
374.2 Land Rights	0.04%	0.04%	0.00%	0.00%
375.1 City Gate Structures	1.06%	0.96%	0.10%	0.00%
375.2 Other Distribution Structures	8.35%	7.80%	0.55%	0.00%
376 Mains	1.76%	1.45%	0.37%	-0.06%
378 Measuring and Reg Equipment	2.53%	2.21%	0.37%	-0.05%
379 Meas & Reg Equipment - City Gate	2.33%	1.94%	0.43%	-0.04%
380 Services	3.60%	2.52%	1.08%	0.00%
381 Meters	3.99%	3.99%	0.00%	0.00%
382 Meter Installations (Combined with 381 Meters)	7.09%	7.09%	0.00%	0.00%
383 House Regulators	2.22%	2.04%	0.18%	0.00%
384 House Regulator Installations (Combined with 383)	2.23%	2.11%	0.12%	0.00%
385 Industrial Meas & Reg Station Equip	0.94%	0.94%	0.00%	0.00%
387 Other Equipment	3.48%	3.48%	0.00%	0.00%
GAS GENERAL PLANT				
392.1 Cars & Trucks	20.00%	20.00%	0.00%	0.00%
392.2 Trailers	4.76%	5.14%	0.00%	-0.38%
394 Other Equipment	4.68%	4.68%	0.00%	0.00%
395 Laboratory Equipment	36.02%	36.02%	0.00%	0.00%
396.1 Power Operated Equipment Hourly rated	20.00%	20.00%	0.00%	0.00%
396.2 Power Operated Equipment Other	2.69%	3.06%	0.00%	-0.37%

	2006 ASL	Life	COR	Salvage
Property Group	Rates	Rates	Rates	Rates
COMMON UTILITY PLANT				
INTANGIBLE PLANT				
301 Organization	0.00%	0.00%	0.00%	0.00%
302 Franchises and Consents	0.00%	0.00%	0.00%	0.00%
303 Software	20.00%	20.00%	0.00%	0.00%
303.1 CCS Software	10.00%	10.00%	0.00%	0.00%
GENERAL PLANT				
389.1 Land	0.00%	0.00%	0.00%	0.00%
389.2 Land Rights	2.95%	2.95%	0.00%	0.00%
390.10 Structures and Improvements - BOC	3.30%	2.87%	0.43%	0.00%
390.10 Structures and Improvements - LG&E Building	3.30%	2.87%	0.43%	0.00%
390.10 Structures and Improvements - BOC (Actors)	3.30%	2.87%	0.43%	0.00%
390.10 Structures and Improvements	3.30%	2.87%	0.43%	0.00%
390.20 Structures and Improvements - Transportation	25.92%	25.49%	0.43%	0.00%
390.30 Structures and Improvements - Stores	1.51%	1.32%	0.19%	0.00%
390.40 Structures and Improvements - Shops	1.37%	1.20%	0.17%	0.00%
390.60 Structures and Improvements - Microwave	2.31%	2.16%	0.15%	0.00%
391.10 Office Furniture	6.01%	6.01%	0.00%	0.00%
391.20 Office Equipment	8.78%	8.78%	0.00%	0.00%
391.30 Computer Equipment - Non PC	21.96%	21.96%	0.00%	0.00%
391.31 Personal Computers	20.68%	20.68%	0.00%	0.00%
391.40 Security Equipment	6.93%	6.93%	0.00%	0.00%
392.1 Cars & Trucks	20.00%	20.00%	0.00%	0.00%
392.2 Trailers	2.63%	2.92%	0.00%	-0.29%
393 Stores Equipment	5.60%	5.60%	0.00%	0.00%
394 Other Equipment	5.17%	5.17%	0.00%	0.00%
395 Laboratory Equipment	61.24%	61.24%	0.00%	0.00%
396.1 Power Operated Equipment Hourly	20.00%	20.00%	0.00%	0.00%
396.2 Power Operated Equipment Other	4.01%	5.00%	0.00%	-0.99%
397 Communications Equipment	12.00%	12.00%	0.00%	0.00%
397.10 Comm. Equip Computer	0.90%	0.90%	0.00%	0.00%
398.00 Miscellaneous Equipment	34.63%	34.63%	0.00%	0.00%

Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 4

Witness: Shannon L. Charnas

- Q-4. Please describe the Company's accounting for cost of removal, both for accrued amounts and for actually incurred amounts. Provide a copy of all internal and external accounting guidelines that the Company follows for cost of removal.
- A-4. To arrive at a monthly depreciation accrual amount, the monthly ending asset values are multiplied by the applicable depreciation rates. For cost of removal, this monthly calculated accrual is recorded as a credit to accumulated depreciation (account 108 of the Uniform System of Accounts (USoA)) and a debit to depreciation expense.

As cost of removal is incurred it is recorded as a debit to accumulated depreciation (account 108 of the USoA) and a credit to cash.

LG&E employs the cost of removal guidelines prescribed in the Code of Federal Regulations 18 CFR, Chapter 1, Subchapter C, Part 101, Electric Plant Instruction 10.

Link to cost of removal guidelines: http://www.ferc.gov/legal/acct-matts/usofa.asp

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Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 5

Witness: Shannon L. Charnas

- Q-5. Please confirm that the accumulated cost of removal is included in account 108 accumulated depreciation for accounting purposes. If it is not recorded in account 108, then please identify the account used for the accumulated cost of removal.
- A-5. Yes, the accumulated cost of removal is included in account 108 accumulated depreciation for accounting purposes.

Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 6

Witness: Shannon L. Charnas

- Q-6. If the Company's accounting departs from the FERC USOA whereby account 108 accumulated depreciation is debited for the actual incurred cost of removal, then please provide all authoritative support for this deviation, including, but not limited to, authorization by the Kentucky Public Service Commission.
- A-6. Please see the response to Question Nos. 4 and 5.

Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Ouestion No. 7

Witness: Counsel / Daniel K. Arbough

- Q-7. Refer to the PPL Corporation presentation on May 11, 2011 to the Deutsche Bank Conference available on the PPL website.
 - a. On page 3 of that presentation entitled "Investment Highlights," there are bullet points under the description "Multiple drivers of significant upside."
 - i. To what does the term "significant upside" refer? Please provide all support relied on for your response.
 - ii. Please explain how "Environmental regulation" represents a "driver" of "significant upside." Please provide specific examples.
 - b. On page 7 of that presentation entitled "Regulated Rate Base Growth," the presentation shows LKE (LG&E and KU) growth from \$6.7 billion in 2011 to \$10.4 billion in 2015. Please provide the underlying support for these projections at the most detailed level available, including, but not limited, to all financial statement projections.
 - c. On 12 of that presentation entitled "Capital Expenditures," the presentation shows "LKE ECR" capital expenditures of \$0.2 billion in 2011, \$0.7 billion in 2012, \$0.8 billion in 2013, \$0.8 billion in 2014, and \$0.5 billion in 2015, or a total of \$3.0 billion over the five year period. Please provide the underlying support for these projections at the most detailed level available including, but not limited to, all financial statement projections.
 - d. On page 12 of that presentation entitled "Capital Expenditures," the presentation shows "LKE base" capital expenditures of \$0.4 billion in 2011, \$0.5 billion in 2012, \$0.6 billion in 2013, \$0.7 billion in 2014, and \$0.9 billion in 2015, or a total of \$3.1 billion over the five year period. Please provide the underlying support for these projections at the most detailed level available including, but not limited to, all financial statement projections.

- A-7. a. Page 3 of the presentation refers to the PPL Energy Supply business which is an unregulated wholesale electric generation and marketing entity.
 - i. The term "significant upside" relates to the potential for PPL Energy Supply to earn higher profits. It is important to note that this portion of the presentation relates to the PPL Energy Supply business which is an unregulated wholesale electric generation and marketing entity.
 - ii. "Environmental regulation" represents a "driver" of "significant upside" in that the regulation is expected to result in plant closings and capital expenditures that are expected to increase power prices in the wholesale market. Given that PPL's fleet of merchant generation is comprised of nuclear and scrubbed coal plants, PPL expects to benefit from rising power prices in its wholesale Energy Supply business.
 - b. LG&E objects because the requested information is irrelevant to this proceeding. LG&E is not seeking to recover the estimated costs of the projects in its environmental compliance plan, but instead only proposes to recover the actual costs incurred upon the Commission's approval under KRS 278.183. Consistent with its historical practice, LG&E does not disclose financial projections. Such projections are only estimates; there is no guarantee that such projections will be realized; and the estimates are based on a number of assumptions that may change over time. The Commission has recognized that such information is not discoverable when a utility is not seeking to recover costs based upon forecasted or estimated expenses. See the Commission's September 6, 1990 Ruling and September 21, 1990 Order in Case No. 90-158.
 - c. See the response to (b).
 - d. See the response to (b).

Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 8

Witness: Counsel / Daniel K. Arbough

- Q-8. Refer to the PPL Corporation presentation on October 31-November 3, 2010 at the EEI Financial Conference available on the PPL website.
 - a. On the page entitled "Increased Scale with Continued Growth," the presentation shows projected growth in LKE amounts from \$6.7 billion in 2011 to \$7.7 billion in 2014. Please describe the amounts shown on this page of the presentation and how they are computed.
 - b. Please provide the underlying support for these projections at the most detailed level available, including, but not limited to, all financial statement projections.
 - c. On the page entitled "Projected Capitalization Structures at 12/31/2010," the Kentucky Holdings Consolidated capital structure consists of 51.0% debt and 49.0% common equity, while the LG&E and KU capital structures consist of 41.2% debt and 58.8% common equity. Please provide the underlying support for these computations and reconcile the Kentucky Holdings Consolidated capitalization amounts used to compute the capital structure to the sum of the capitalization amounts used to compute the capital structures for the two utilities. To the extent that Kentucky Holdings Consolidated capitalization amounts include debt in addition to that held by the two utilities, then please provide a schedule of such debt outstanding at December 31, 2010.
- A-8. a. The amounts shown on this page represent forecasts of the total capitalization of LKE. These amounts are calculated based on budgets prepared by the Company.
 - b. LG&E objects to this request because the information sought is irrelevant to this proceeding. LG&E is not seeking to recover the estimated costs of the projects in its environmental compliance plan, but instead only proposes to recover the actual costs LG&E incurs upon the Commission's approval under KRS 278.183. Consistent with its historical practice, LG&E does not disclose financial projections. Such projections are only estimates; there is no guarantee that such projections will be realized; and the estimates are based on a number of assumptions that may change over time. The Commission has recognized that such information is not discoverable when a utility is not seeking to recover costs based upon forecasted or estimated

expenses. See the Commission's September 6, 1990 Ruling and September 21, 1990 Order in Case No. 90-158.

c. The debt total used in calculating the projected capitalization structure for LG&E and KU Energy LLC (LKE) includes the following debt in addition to the debt of LG&E and KU:

LKE 2.125% Senior Notes due 2015 \$400 million
LKE 3.750% Senior Notes due 2020 \$475 million
LG&E and KU Capital Corp Med. Term Notes due 2011 \$2 million

The common equity total used in calculating the projected capitalization structure for LKE includes equity of non-regulated holdings as well as the utilities and is consolidated according to GAAP.

Actual Capitalization Structures at December 31, 2010 calculated on a GAAP basis were as follows:

Total	\$ 7,999	100.0%
Louisville Gas & Electric		
Debt	\$ 1,287	42.8%
Common Equity	1,721	57.2% (1)
Total	\$ 3,008	100.0%
Kentucky Utilities		
Debt	\$ 1,851	40.8%
Common Equity	2,691	59.2% (2)
Total	\$ 4,542	100.0%

- (1) Of this amount, \$389 million represents goodwill, which is not recoverable for regulatory purposes. As a result, the unadjusted regulatory capitalization structure contains 50.9% equity.
- (2) Of this amount, \$607 million represents goodwill, which is not recoverable for regulatory purposes. As a result, the unadjusted regulatory capitalization structure contains 53.0% equity.

Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 9

Witness: Counsel

- Q-9. Please provide a copy of the Company's most recent projected financial statements developed for budgeting and/or financial forecasting purposes for 2011 and each of the next five years. Provide all assumptions, data, and computations, including electronic spreadsheets with formulas intact.
- A-9. LG&E objects to this request because the information sought is irrelevant to this proceeding. LG&E is not seeking to recover the estimated costs of the projects in its environmental compliance plan, but instead only proposes to recover the actual costs incurred upon the Commission's approval under KRS 278.183. Consistent with its historical practice, LG&E does not disclose financial projections. Such projections are only estimates; there is no guarantee that such projections will be realized; and the estimates are based on a number of assumptions that may change over time. The Commission has recognized that such information is not discoverable when a utility is not seeking to recover costs based upon forecasted or estimated expenses. See the Commission's September 6, 1990 Ruling and September 21, 1990 Order in Case No. 90-158.

Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 10

Witness: Daniel K. Arbough

- Q-10. Please describe each source of short term debt presently available to the Company. Provide the maximum amount of each such source; the uses to which such funds from each such source are limited, if any; the terms and conditions of borrowing from each such source, including, but not limited to, the basis for the interest rate (e.g., prime plus x%, 1 month LIBOR), annual fees and expenses in dollars and as a percentage of outstanding borrowing on average over the most recent twelve months; and a copy of the relevant agreements for each such source.
- A-10. LG&E participates in an intercompany money pool agreement wherein LG&E and KU Energy LLC and/or KU make funds available to LG&E of up to \$400 million at an interest rate equal to the 30 day dealer commercial paper rate. There are no additional fees charged to LG&E for borrowing under the money pool agreement and there is no limit as to how funds borrowed from the money pool will be used.

LG&E also maintains a \$400 million revolving line of credit with a group of banks which became effective November 1, 2010 and expires December 31, 2014. There is no limit as to how funds borrowed under the revolving line of credit will be used. This line of credit allows LG&E to meet its liquidity requirements while allowing the Company to issue letters of credit to support tax exempt bonds as well as providing funds for short-term borrowings. LG&E borrowed \$163 million under this facility for the period November 4, 2010 through January 18, 2011 at an average interest rate of 2.27%. Borrowing rates for the revolving line of credit are based on current bond ratings. Current borrowing rates for a Euro-Dollar loan equal LIBOR + 1.75%. Upfront and legal fees associated with implementing the revolving line of credit totaled \$4.256 million and are being amortized over the life of the agreement. LG&E pays an annual commitment fee on the unused portion of the credit facility based on current bond ratings. The current applicable commitment fee percentage is 0.20%. Total commitment fees for this facility for the period November 1, 2010 to June 30, 2011 were approximately \$553,000. Total fees expensed for the period November 1, 2010 to June 30, 2010 as a percentage of outstanding borrowing on average for the same period equal 2.41%.

In addition, LG&E is currently in the process of creating a \$250 million commercial paper program which it expects to implement by year-end 2011.

Copies of the money pool agreement and the \$400 million revolving line of credit are attached on CD in the folder titled Question 10.

Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 11

Witness: Daniel K. Arbough

- Q-11. Please describe each source of short term debt presently available to Kentucky Holdings Consolidated. Provide the maximum amount of each such source; the uses to which such funds from each such source are limited, if any; the terms and conditions of borrowing from each such source, including, but not limited to, the basis for the interest rate (e.g., prime plus x%, 1 month LIBOR), annual fees and expenses in dollars and as a percentage of outstanding borrowing on average over the most recent twelve months; and a copy of the relevant agreements for each such source.
- A-11. LG&E and KU Energy LLC (LKE) maintains a \$300 million revolving credit facility with PPL Investment Corporation, a subsidiary of PPL, to ensure funding availability for the money pool. There is no limit as to how funds borrowed from the money pool will be used. The current borrowing rate on this facility is 1 month LIBOR + 1.75% based on the Utilities' current bond rating. LKE pays PPL Investment Corporation an annual commitment fee on the unused portion of the credit facility based on the Utilities' current bond rating. The current applicable commitment fee percentage is 0.20%. Total commitment fees for this facility for the period November 1, 2010 to June 30, 2011 were approximately \$405,000. Commitment fees as a percentage of outstanding borrowing on average for the period November 1, 2010 to June 30, 2011 equal approximately 1%. None of the costs incurred by LKE for maintaining this facility are passed on or allocated to LG&E.

A copy of the agreement is attached.

LOAN AGREEMENT

November 1, 2010

LG&E and KU Energy LLC P.O. Box 32030 Louisville, KY 40232

Gentlemen:

PPL Investment Corporation ("Lender") may, at its option, quote interest rates including the period such rate will remain in effect (collectively, a "Rate Quote") for loans (collectively, the "Loans" and individually, a "Loan") to LG&E and KU Energy LLC ("Borrower"), and the Borrower, at its option, may accept such Loans. Acceptance of a Rate Quote by the Borrower, whether verbal, telephonic or in writing, shall be irrevocable and, upon such acceptance, the Borrower shall execute a Note in favor of the Lender for such Loans (the "Note") and the Lender shall record the amount of each such Loan, its maturity date, if any, its applicable percentage, the applicable interest rate period, and other key terms in a confirmation to the Borrower. Such records of the Lender shall be presumptive evidence of the matters indicated therein, as described in Exhibit A, the Intercompany Facility Term Sheet.

The Borrower makes the continuing representation and warranty to the Lender (i) that the execution and delivery of this Loan Agreement and the Note by the Borrower have been duly authorized, (ii) that all governmental and regulatory approvals required in connection with execution, delivery or performance of this Loan Agreement and the Note have been obtained and are in full force and effect, (iii) that the execution, delivery and performance of this Loan Agreement and the Note will not conflict with any other agreement to which the Borrower is a party or with the Borrower's bylaws, articles of incorporation or other organizational documents and (iv) that this Loan Agreement and the Note are valid and legally binding obligations of the Borrower and enforceable in accordance with their respective terms.

This Loan Agreement may be terminated by the Borrower or the Lender at any time by giving the other party not less than five business days notice to that effect. Prior to termination, the Borrower will pay to the Lender the principal amount and accrued interest on any outstanding Loans made under this Loan Agreement.

This Loan Agreement and the Note shall be subject to the laws of the State of New York.

Very truly yours,

PPL Investment Corporation

Russell R. Clelland

President

Accepted and Agreed to:

LG&E and KU Energy LLC

Daniel K. Arbough

Treasurer

EXHIBIT A

Confirmation - Intercompany Facility Term Sheet

Effective 11/1/10

Lender

PPL Investment Corporation

Borrower

LG&E and KU Energy LLC

Instruments

Loan Agreement, Demand Note

Purpose

Working capital needs

Type

Demand, revolving facility

Rate

1 Month LIBOR + Applicable Percentage

Conventions

Actual/365 basis

Revolving Commitment \$1,100,000,000

Commitment Fee

The Borrower shall pay to the Lender a fee (the "Commitment Fee") for each day at a rate per annum equal to the Applicable Percentage for the Commitment Fee for such day. The Commitment Fee shall accrue from and including the effective date to but excluding the termination date on the amount undrawn on such day. The Commitment Fee shall be payable monthly in arrears on the same day interest payments are due.

Definitions

"Applicable Percentage" means, for purposes of calculating (i) the applicable interest rate for any day for any Loans or (ii) the applicable rate for the Commitment Fee for any day, the appropriate applicable percentage set forth below corresponding to the then current highest Borrower's Ratings; provided, that, in the event that the Borrower's Ratings shall fall within different levels and ratings are maintained by both Rating Agencies, the applicable rating shall be based on the higher of the two ratings unless one of the ratings is two or more levels lower than the other, in which case the applicable rating shall be determined by reference to the level one rating lower than the higher of the two ratings:

	Borrower's Ratings (S&P /Moody's)	Applicable Percentage for Commitment Fees	Applicable Percentage for Loans
Category A	≥ A- from S&P / A3 from Moody's	0.200%	1.75%
Category B	BBB+ from S&P / Baa1 from Moody's	0.250%	2.00%
Category C	BBB from S&P / Baa2 from Moody's	0.375%	2.25%
Category D	BBB- from S&P / Baa3 from Moody's	0.500%	2.50%

	Borrower's Ratings (S&P /Moody's)	Applicable Percentage for Commitment Fees	Applicable Percentage for Loans
Category E	≤BB+ from S&P / Ba1 from Moody's	0.625%	3.00%

"Borrower's Rating" means the senior secured long-term debt rating of Kentucky Utilities Company and Louisville Gas and Electric Company from S&P or Moody's. In the event the ratings differ between the two companies referred above, the higher of the two ratings will apply.

"1 Month LIBOR rate" means the rate quoted on the last business day of the prior calendar month. The offered quotation for the Currency and for a one month period which appears on systems (e.g. Bloomberg Service, Thomson – Reuters, etc.) for the purposes of displaying London Interbank offered rates of banks as of 11:00 a.m. (London time). The quotation for the most recent preceding Business Day shall apply for days that are not Business Days.

"Business Day" means a day on which banks in New York are generally open.

"Currency" means US Dollars.

Interest Payment

Monthly, via interunit settlement on the 20th calendar day or next business day of the following month.

Prepayment

Of all or any portion at any time, with reimbursement to the Lender for any loss or expense as provided for in the documents.

Termination for cause

For conditions including failure to pay, etc., as provided for in the documents.

Jurisdiction

State of New York

Arbough



Date: November 15, 2010

Re: Amendment to Demand Note dated November 1, 2010

The Parties of the above referenced note, PPL Investment Corporation ("Lender") and LG&E and KU Energy LLC ("Borrower"), agree to amend the maximum of the Demand Note dated November 1, 2010 from \$1,100,000,000.00 to \$300,000,000.00 effective November 15, 2010.

All other terms remain in effect.

Acknowledged:

PPL Investment Corporation (Lender)

Dale M. Kleppinger //
Vice President and Treasurer

LG&E and KU Energy LLC (Borrower)

By:

Daniel K. Arbough

Treasurer



Date: November 15, 2010

Re: Amendment to Demand Note dated November 1, 2010

The Parties of the above referenced note, PPL Investment Corporation ("Lender") and LG&E and KU Energy LLC ("Borrower"), agree to amend the maximum of the Demand Note dated November 1, 2010 from \$1,100,000,000.00 to \$300,000,000.00 effective November 15, 2010.

All other terms remain in effect.

Acknowledged:

PPL Investment Corporation (Lender)

By:

Dale M. Kleppinger

Vice President and Treasurer

LG&E and KU Energy LLC (Borrower)

Daniel K. Arbough

Treasurer

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Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 12

Witness: Counsel / Daniel K. Arbough

- Q-12. Please describe each source of short term debt presently available to PPL Corp. Provide the maximum amount of each such source; the uses to which such funds from each such source are limited, if any; the terms and conditions of borrowing from each such source, including, but not limited to, the basis for the interest rate (e.g., prime plus x%, 1 month LIBOR), annual fees and expenses in dollars and as a percentage of outstanding borrowing on average over the most recent twelve months; and a copy of the relevant agreements for each such source.
- A-12. LG&E objects to this request because the information sought is irrelevant to this proceeding. PPL Corp. is not providing any financing to LG&E with regard to the projects in its environmental compliance plan and thus PPL Corp.'s sources of short-term debt are irrelevant. All forms of debt will be issued by LG&E.

Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 13

Witness: Daniel K. Arbough

- Q-13. Please provide a copy of all studies that address the Company's financing requirements and plans in 2011 and the next five years, including, but not limited to, financing the Company's environmental compliance costs.
- A-13. Please see the response to Question No. 16.

Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 14

Witness: Daniel K. Arbough

- Q-14. Please provide a copy of all studies that address Kentucky Holdings Consolidated's financing requirements and plans in 2011 and the next five years, including, but not limited to, financing the Company's environmental compliance costs.
- A-14. There are no studies addressing LKE's financing requirements and plans in 2011 and the next five years.

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Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 15

Witness: Counsel / Daniel K. Arbough

- Q-15. Please provide a copy of all studies that address PPL Corp.'s financing requirements and plans in 2011 and the next five years, including, but not limited to, financing the Company's environmental compliance costs.
- A-15. LG&E objects to this request because the information sought is irrelevant to this proceeding. PPL Corp. is not providing any financing to LG&E for its environmental compliance costs. To the extent LG&E requires additional equity, LG&E and KU Energy LLC will provide that form of capital.

Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 16

Witness: Daniel K. Arbough

- Q-16. Refer to page 13 lines 7-14 of Mr. Bellar's Direct Testimony wherein he addresses the Company's plans to finance the proposed environmental compliance capital costs.
 - a. Please provide a copy of all studies performed by or on behalf of the Company that address the Company's financing plans and/or various financing alternatives, if any. If none, then please explain why the Company has not performed any such studies.
 - b. Please describe the Company's analyses of project (asset based) financing for these projects, if any. Provide all assumptions, data, computations, and results. Provide a copy of all correspondence with potential funding sources.
 - c. Please provide a copy of all e-mails, other correspondence, and presentations to and/or from investment bankers/banks/other funding sources that address the Company's financing plans and/or various financing alternatives, if any.
- A-16. a. The Company has not performed studies on financing plans for the proposed environmental compliance capital costs. The Company has, however, established a financing structure that allows all capital to be financed in a cost-effective manner. In October 2010, a First Mortgage Bond indenture was finalized which allows for future debt issuance by the Company. Under the indenture, future debt issuances will be supported by a lien on substantially all of the fixed assets of the Company. This allows the Company to access the most liquid capital market available to it. The November 2010 transaction wherein the Company issued \$535 million of bonds at very attractive interest rates averaging 3.49% with an average maturity of more than 18 years is evidence of the attractive nature of this market.
 - b. The Company has not performed analyses of project (asset based) financing and does not engage in such financing. The existing first mortgage bond structure requires all real property to be subjected to the first mortgage lien. This limits the ability of the Company to utilize its real property as collateral in other financing structures.
 - c. See the attached information on CD in the folder titled Question 16(c).

Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 17

Witness: Daniel K. Arbough

- O-17. Refer to page 13 lines 12-14 of Mr. Bellar's Direct Testimony.
 - a. Please describe the tax-exempt financing that may be available for these projects and identify the provisions of the I.R.C. and relevant regulations that govern the availability of tax-exempt financing and any dollar limitations, e.g., to individual taxpayers or statewide.
 - b. Please describe the form which such tax-exempt financing would take or the alternative forms that may be available.
 - c. Please describe the process that the Company would be required to undertake in order to obtain such financing.
 - d. Please provide a copy of all studies performed by or on behalf of the Company that address the availability of tax exempt financing, if any. If none, then please explain why the Company has not performed any such studies.
- A-17. a. The Company believes that a portion of the environmental related capital expenditures will qualify as solid waste disposal facilities within the meaning of 26 U.S.C. §142(a)(6) and the proposed regulations issued by the United States Department of Treasury set forth in 26 CFR Parts 1 and 17 (REG-140492-02-Definition of Solid Waste Disposal Facilities for Tax-Exempt Bond Purposes). The Company will work with its applicable personnel and outside advisors to determine which portion of the environmental related capital expenditures will qualify as solid waste disposal facilities within the meaning of the federal law cited above. To the extent a portion of the environmental related capital expenditures so qualify as solid waste disposal facilities, the Company reserves the right to seek to have a governmental entity issue exempt facility bonds within the meaning of 26 U.S.C. §142(a) on their behalf, the interest on which is excluded from gross income for federal income tax purposes. The Kentucky Private Activity Bond Allocation Committee determines the volume cap available for a particular calendar year for local issuers. Kentucky's private activity bond volume cap for all local issuers for calendar year 2011 is \$164,895,946. The Kentucky Private Activity Bond Allocation

Committee conducts a lottery to determine how much of the volume cap is allocated to each issuer that submits an application.

- b. The following forms of tax-exempt financing are available for the Company: fixed rate bonds, put bonds (where the rate is fixed for a period longer than one year), and variable rate bonds supported by credit facilities. Recently, tax-exempt rates all along the yield curve have not generated savings compared to taxable rates. The Company does not anticipate using tax-exempt financing until the tax-exempt rates become more favorable relative to taxable rates.
- c. Exempt facility bonds constitute private activity bonds within the meaning of 26 U.S.C. §141(a). 26 U.S.C. §146 imposes an annual ceiling on the amount of private activity bonds that may be issued within the Commonwealth of Kentucky each year. In order to have a governmental entity issue private activity bonds on behalf of the Company, the Company will seek to enter into a Memorandum of Agreement with the local government within which the particular environmental related capital expenditures are being incurred or will be incurred, pursuant to which the local government will commit to issue the private activity bonds on behalf of the Company. The Company will further seek to have the Memorandum of Agreement approved by the legislative body of the local government pursuant to a Resolution (an "Inducement Resolution") adopted by such legislative body.

Assuming that the local government has adopted the Inducement Resolution and the Company and the local government have executed the Memorandum of Agreement, the Company will file a Notice of Intent with the Kentucky Private Activity Bond Allocation Committee, which is appended to the Kentucky Finance and Administration Cabinet, seeking an allocation of Kentucky's private activity bond volume cap for the particular calendar year.

Assuming that the Company is awarded an allocation of Kentucky's private activity bond volume cap, the Company would thereupon request the local government to adopt an ordinance approving the issuance of the private activity bonds (i.e. solid waste disposal facility revenue bonds) pursuant to KRS Sections 103.200 to 103.285 on behalf of the requesting company, as well as approving the execution and delivery by the local government of a loan agreement, trust indenture and related bond documents with respect to the issuance of the solid waste disposal revenue bonds. Upon issuance of the solid waste disposal facility revenue bonds, the issuing local government will lend the proceeds of the bonds to the Company to finance the portion of the costs of construction and equipping of the particular environmental related capital expenditures that qualify as solid waste disposal facilities. The Company will have also engaged an underwriter to sell the bonds as well as a financial institution to serve as trustee for the purchasers of the bonds. The relevant bond documents will include the bonds, a bond purchase agreement among the issuing local government, the Company and the underwriter of the bonds, a loan agreement between the issuing local government and the Company, and an indenture of trust between the issuing local government and the trustee for the holders of the bonds. The loan agreement between the issuing local government and the Company effectively requires the Company to pay the debt service. There is no obligation of the issuing local government to pay debt service if the Company does not pay.

d. More final engineering drawings are required prior to completing a study to address the availability of tax-exempt financing. If it is determined that a tax-exempt allocation is awarded to the Company, a project engineering study will be conducted to determine the amount of environmental related capital expenditures that qualify as solid waste disposal facilities. The Company typically has 90 days from the date that the volume cap allocation is awarded to issue the tax-exempt bonds.

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Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 18

Witness: Ronald L. Miller

- Q-18. Please identify and describe all federal and state income tax incentives, including, but not limited to, accelerated tax depreciation, tax credits, loan guarantees, and grants that may be available to the Company that may or will affect the cost and/or timing of, and/or the revenue requirements for the proposed projects. Please identify and describe the availability of such incentives, limitations on such incentives, and the timing of such incentives. Provide a copy of the relevant federal and state tax code and/or regulations.
- A-18. The Company monitors current and proposed federal and state income tax incentives and has benefited from a number of these. Following is a summary of federal and state income tax incentives that may be applicable to the proposed projects.

Incentive	Description	Availability, Limitations, and Timing
IRC §168	Generally utility assets are eligible	LG&E annually elects MACRS or other
Accelerated	for the 5, 7, 15 and 20 year	accelerated depreciation methods for
Depreciation	Modified Accelerated Cost	its assets.
	Recovery System (MACRS)	
	accelerated depreciation benefits.	
IRC §168K(5)—	50% and 100% depreciation is	LG&E has historically taken "bonus"
Bonus Depr.	currently allowed for certain	depreciation on eligible assets. Bonus
	qualifying capital expenditures.	depreciation is scheduled to generally
	100% expensing is generally	end (with some transition exceptions)
	allowed for acquisitions after Sept.	on December 2012.
	8, 2010 through Dec. 31, 2011.	
IRC §169Rapid	60% of qualifying air and water	LG&E annually elects rapid
Amortization of	pollution control expenditures are	amortization on its pollution control
Pollution Control	eligible for either a 5 or 7 year	facilities. The Mill Creek Units 1 and 2
Facilities	amortization period.	and the Cane Run coal units are eligible
		for 5 yr. amortization. Other facilities
		are eligible for 7 year amortization.
		The remaining 40% of pollution control
		facilities is generally eligible for MACRS
		benefits.
IRC §41(h)—Credit	The R&E Credit is generally a 20%	The Company has historically claimed
for Increased	credit for the amount of research	the R&E Credit for certain eligible costs
Research	costs over a base period amount.	related to research. In more recent
Expenditures (R&E	The credit is also subject to further	years, eligible costs have been limited
Credit)	reductions and limitations.	to research consortiums such as EPRI.
Loan Guarantees	Not Applicable	The Company has no loan guarantees.
		Pollution control bonds are, however,
		often available. The Company applies
		for bonds allocated by Kentucky, and
		generally benefits from lower tax-
		exempt interest rates.
Grants	Not Applicable	The Company is not anticipating any
		grants related to these projects.

Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 19

Witness: Gary H. Revlett

- Q-19. Refer to page 7 line 3 of Mr. Revlett's Direct Testimony. Please provide a current status report on CATR. To the extent that the proposed or final CATR has been further modified since the Company filed its testimony in this proceeding, please describe all such modifications and the ramifications for the scope and cost of the projects proposed in this proceeding. Provide a copy of all relevant support.
- A-19. Please see the response to KPSC Question No. 50.

Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 20

Witness: Charles R. Schram

- Q-20. Refer to Table 2 on page 4 of the 2011 Air Compliance Plan provided as Exhibit CRS-1 attached to Mr. Schram's Direct Testimony.
 - a. Please describe the amounts shown in the "Install Controls" column and the methodology used to compute the amounts. Are these the revenue requirements for each unit if controls are installed or are these system revenue requirements if controls are installed on each unit sequentially?
 - b. Please explain why the amounts are the same in the "Install Controls" column for Brown 1-2 and Cane Run 5.
 - c. Please explain why the amounts are the same in the "Install Controls" column for Ghent 3, Ghent 1, and Green River 4.
 - d. Please explain why the amounts are the same in the "Install Controls" column for Mill Creek 4, Trimble County 1, Ghent 4, Mill Creek 3, Ghent 2, and Mill Creek 1-2.
 - e. Please provide an electronic version of all tables in this exhibit and supporting spreadsheets with formulas intact.
- A-20. a. Please see Exhibit CRS-1, Section 3.3 for a description of the methodology used in the analysis. The analysis examines a sequential approach to build the system portfolio by examining the "build controls vs. retire" decision on each unit, beginning with the unit with the highest variable operating costs. As each unit is evaluated, the process assumes that the units in the fleet remaining to be analyzed will have controls installed.
 - b. Following the process sequentially, the results support a recommendation to build controls on Brown 1-2. The "build controls" result for Brown 1-2 contains an assumption for building controls on Cane Run 5 and the remaining units still to be evaluated. Therefore, upon examining the "build controls" cost for Cane Run 5, there is no change from the Brown 1-2 "build controls" result.

- c. The "build controls" results for Ghent 3 and Ghent 1 contain an assumption for building controls on Green River 4. Therefore, upon examining the "build controls" cost for Green River 4, there is no change from the Ghent 3 and Ghent 1 "build controls" entry.
- d. As noted previously, as each unit is evaluated, the process assumes that the units in the fleet remaining to be analyzed will have controls installed. The "build controls" results for Mill Creek 4, Trimble County 1, Ghent 4, Mill Creek 3, Ghent 2, and Mill Creek 1-2 are result in lower NPVRR compared to the "retire/replace capacity" alternative. Therefore, the "build controls" results are the same for these units.
- e. These values are not computed within a spreadsheet. The Companies used the Strategic resource expansion planning tool and the Strategist Capital Expenditure Recovery module as described in Exhibit CRS-1, Section 3.3 to compute these results.

Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 21

Witness: Charles R. Schram

- Q-21. Refer to 6.0 Appendix of the 2011 Air Compliance Plan provided as Exhibit CRS-1 attached to Mr. Schram's Direct Testimony.
 - a. Please provide the computational support for the discount rate of 6.71% shown under Financial Assumptions.
 - b. Please confirm that the discount rate of 6.71% is the Company's weighted average cost of capital reduced for the income tax effects of interest expense.
 - c. Please provide all sensitivity studies using any variations of discount rates compared to the 6.71% that was used.
 - d. Please provide a sensitivity study for each unit considered in this 2011 Air Compliance Plan using the Company's weighted average cost of capital without reduction for the income tax effects of interest expense.
- A-21. a. Please see the response to KPSC Question No. 19.
 - b. The 6.71% discount rate is the Company's weighted average cost of capital. It is computed as the weighted average of the Companies' return on equity and after-tax cost of debt.
 - c. The discount rate used is based on the Company's actual capital structure and approved return on equity. Therefore, sensitivity analysis on variations in the discount rate is not appropriate.
 - d. The Companies believe that it is not appropriate to calculate revenue requirements on a before-tax basis. Please see the attachment for a discussion of the appropriate calculation of the discount rate.

Why the Discount Rate should be Computed with the After-Tax Cost of Debt

Example adapted from August 2005 presentation by NewEnergy Associates

Background

example demonstrates that the discount rate should be computed with the after-tax cost of debt. This example is adapted from an August 2005 presentation (discount rate = cost of equity * equity ratio + after-tax cost of debt * debt ratio; after-tax cost of debt = pre-tax cost of debt * (1 - tax rate)). The following levelized revenue requirement streams using each of the discount rate options. Finally, we demonstrate that only the discount rate computed with the For the purposes of this discussion, there are two ways to compute the discount rate that is used to discount revenue requirements. One includes the by NewEnergy Associates. In this example, we construct annual revenue requirements for a project using simplified assumptions. We then calculate pre-tax cost of debt (discount rate = cost of equity * equity ratio + pre-tax cost of debt * debt ratio). The other includes the after-tax cost of debt after-tax cost of debt makes debt and equity holders completely whole over the course of the investment.

1. Construct annual revenue requirements for a project using simplified assumptions.

Rate 6% Pre-Tax 10%		
Ratio 60% 40%	40%	1000 5 20%
<u>Capital Structure</u> Debt Equity	Tax Rate	Capital Investment Book Life Book Depreciation Rate

Simplifying Assumptions

- 1. Book depreciation assumed to equal tax depreciation
- 2. Revenues are collected at the end of year

			ı	Investment	tment	1	-	Return on		Cash	Cash Flows		
		Year	Rev Reg.	Total	Debt	Equity	Depr.	Debt	Equity	Debt		Inc. Taxes	
		0		1000.0	0.009	400.0				-600.0	-400.0		
	₩.	रत	302.7	800.0	480.0	320.0	200.0	36.0	40.0	156.0	120.0	26.7	
	1	7	282.1	600.0	360.0	240.0	200.0	28.8	32.0	148.8	112.0	21.3	
	П	ĸ	261.6	400.0	240.0	160.0	200.0	21.6	24.0	141.6	104.0	16.0	
		4	241.1	200.0	120.0	80.0	200.0	14.4	16.0	134.4	96.0	10.7	
	1	2	220.5	0.0	0.0	0.0	200.0	7.2	8.0	127.2	88.0	5.3	
								IRR		9.0%	10.0%		
Income Statement	>-1	ear 0	Year 1	Year 2	Year 3	Year 4	Year 5						
Revenue		0.0	302.7	282.1	261.6	241.1	220.5						
Depreciation		0.0	200.0	200.0	200.0	200.0	200.0						
Interest Expense		0.0	36.0	28.8	21.6	14.4	7.2						
Earnings Before Taxes		0.0	66.7	53.3	40.0	26.7	13.3						
Income Taxes		0.0	26.7	21.3	16.0	10.7	5.3						
Net Income/Equity Return		0.0	40.0	32.0	24.0	16.0	8.0						

7.6% 264.05 264.60 6.16% Discount Rate w/ After-Tax (AT) Cost of Debt Discount Rate w/ Pre-Tax (PT) Cost of Debt Levelized Rev Req with PT Cost of Debt Levelized Rev Req with AT Cost of Debt

3. Check to see which levelized revenue requirement stream makes debt and equity holders completely whole over the course of the investment.

First, with the levelized revenue requirement that was computed with the after-tax cost of debt...

	nc. Taxes		11.2	13.8	16.5	102.1 19.3	22.4
Flows	Equity	-400.0	110.7	108.0	105.1	102.1	98.8
Cash Flows	Debt	-600.0	142.1	142.3	142.4	142.6	142.8
- Sa	Equity		9.3	4.9	0.3	-4.6	9.6
- Borrowed Sources -	d Debt E		13.9	7.4	0.4	-6.9	-14.8
Total -	ROE Borrowed		23.2	12.3	0.7	-11.6	-24.6
Expected T	ROE		40.0	32.9	25.4	17.4	9.0
Actual Ex	ROE		16.8	20.7	24.7	29.0	33.6
Return on Act	Debt		36.0	29.6	22.9	15.7	8.1
ž	Depr.					200.0	
-	Equity	400.0	329.3	254.2	174.5	224.6 134.8 89.8	0.0
stment	Debt		493.9	381.3	261.7	134.8	0.0
Invest	Total	1000.0	823.2	635.4	436.2	224.6	
•	Revenue		264.05	264.05	264.05	264.05	264.05
	Year	0	٦	2	m	4	2

Note: Debt and equity holders are fully compensated with this revenue stream.

Second, with the levelized revenue requirement that was computed with the pre-tax cost of debt...

Total - Borrowed Sources -Debt Borrowed ROE Expected Actual ROE Debt Return on Equity ----- investment Total Revenue Year

Equity Inc. Taxes Debt 142.3 142.5 142.6 142.8 -600 143.0 Equity 4.8 4.8 13.7 0.2 -15.0 11.9 -25.0 0.3 40.0 32.9 25.4 17.4 17.2 21.0 25.0 29.4 36.0 29.6 22.9 15.7 8.0 200.0 200.0 200.0 200.0 329.1 253.9 174.0 89.3 400 380.9 261.1 133.9 493.7 9 877.8 634.8 1000 435.1 223.1 264.6 264.6 264.6 264.6 264.6 1 2 8 4 2

16.7 19.6 22.6

10.046%

6.051%

IR

105.3 102.2

110.9

-- Cash Flows --

6.0000% 10.0000%

IRR

108.1

Note: Debt and equity holders are over compensated with this revenue stream.

The levelized revenue requirement computed with the after-tax cost of debt yields the correct result (i.e., debt and equity holders are fully compensated - but not over compensated). Therefore, the discount rate should be computed with the after-tax cost of debt.

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Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 22

Witness: Robert M. Conroy / Shannon L. Charnas

- Q-22. Refer to page 4 lines 7-15 of Ms. Charnas' Direct Testimony wherein she addresses the recovery of O&M expenses associated with the new projects.
 - a. Please describe all O&M cost savings that will result from the retirement of existing environmental compliance plant and describe how the Company has incorporated such savings in its estimates of the incremental O&M expense associated with the new projects, if at all.
 - b. Please describe how the Company will quantify the savings that will result from the retirement of existing environmental compliance plant and how such savings will be tracked within the Company's proposed accounting.
- A-22. a. With one exception, LG&E does not expect any O&M cost savings associated with any potential retirement of existing assets. As discussed in testimony, there will be retirements associated with the FGDs at Mill Creek in Project 26. As discussed in the testimony of Ms. Charnas, page 9, any other retirement is expected to be minimal and related to miscellaneous utility and ductwork connections.

As explained in the testimony of Mr. Conroy, page 5, LG&E will establish in the ECR monthly filings on ES Form 2.50, consistent with past practice, a baseline of O&M cost for the FGDs that is contained in base rates in order to determine the appropriate O&M expense to include in the ECR. Based upon the most recent base rate case (test year ending October 31, 2009) there is \$8.85 million of annual O&M expenses associated with the FGDs at Mill Creek in base rates. This amount was used as a baseline in the O&M cost estimates associated with the new projects. Please see the Response to KPSC Question No. 10.

b. See the response to part a.

Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 23

Witness: Shannon L. Charnas / Ronald L. Miller

- Q-23. Refer to page 5 lines 9-12 of Ms. Charnas' Direct Testimony wherein she addresses the tax depreciation associated with the new projects.
 - a. Please describe how the Company will determine which assets or portions of assets fall within the 20 year MACRS provisions or within the five year or seven year Section 169 amortization.
 - b. Please provide a copy of all provisions of the I.R.C. and/or related regulations relevant to the tax depreciation associated with the new projects.
- A-23. a. LG&E determines which assets qualify for 20 year MACRS or Section 169 amortization based on the Internal Revenue Code. Section 169 of the Code sets out the criteria for what assets qualify for pollution control five year or seven year rapid amortization.

LG&E, under provision of Section 169, can elect 5-year (60 month) rapid amortization on 60% of both eligible water and air pollution capital expenditures related to generation units that were placed in service prior to January 1, 1976. The LG&E units that meet these criteria are Mill Creek Units 1 and 2 and the Cane Run coal units.

The Energy and Highway Tax Acts of 2005 included incentives that allowed companies to elect 7-year (84 month) rapid amortization for all eligible air pollution control facility expenditures that were incurred after April 11, 2005 and were for equipment used on generation units originally placed in service after January 1, 1976. LG&E units that meet these criteria are Mill Creek Units 3 and 4 and Trimble County Units 1 and 2.

Eligible pollution control expenditures include all original investments related to pollution control facilities.

Eligible air pollution facility assets include:

- Flue gas desulfurization (FGD or scrubber) equipment
- Selective catalytic reduction (SCR) equipment
- S03 reduction equipment
- Sulfuric acid mist (SAM) mitigation equipment
- Electrostatic precipitators (wet or dry)
- Baghouse or fabric filter

Eligible water pollution assets include:

- Solid waste (investments in landfills and ash ponds)
- Wastewater process effluent systems
- Sanitary treatment systems
- Above ground/underground piping and storage systems (fuel/waste handling)
- Diking, containment, and monitoring upgrades
- Storm water protection
- Thermal discharge management (cooling towers)

If an asset does not meet the above criteria, the entire asset will be depreciated for tax purposes over a 20 year MACRS life.

b. The following is Section 169 from the Internal Revenue Code concerning rapid amortization for pollution control facilities.

Sec. 169. Amortization of pollution control facilities

(a) Allowance of deduction

Every person, at his election, shall be entitled to a deduction with respect to the amortization of the amortizable basis of any certified pollution control facility (as defined in subsection (d)), based on a period of 60 months. Such amortization deduction shall be an amount, with respect to each month of such period within the taxable year, equal to the amortizable basis of the pollution control facility at the end of such month divided by the number of months (including the month for which the deduction is computed) remaining in the period. Such amortizable basis at the end of the month shall be computed without regard to the amortization deduction for such month. The amortization deduction provided by this section with respect to any month shall be in lieu of the depreciation deduction with respect to such pollution control facility for such month provided by section 167. The 60-month period shall begin, as to any pollution control facility, at the election of the taxpayer, with the month following the month in which such facility was completed or acquired, or with the succeeding taxable year.

(b) Election of amortization

The election of the taxpayer to take the amortization deduction and to begin the 60-month period with the month following the month in which the facility is completed or acquired, or with the taxable year succeeding the taxable year in which such facility is completed or acquired, shall be made by filing with the Secretary, in such manner, in such form, and within such time, as the Secretary may by regulations prescribe, a statement of such election.

(c) Termination of amortization deduction

A taxpayer which has elected under subsection (b) to take the amortization deduction provided in subsection (a) may, at any time after making such election, discontinue the amortization deduction with respect to the remainder of the amortization period, such discontinuance to begin as of the beginning of any month specified by the taxpayer in a notice in writing filed with the Secretary before the beginning of such month. The depreciation deduction provided under section 167 shall be allowed, beginning with the first month as to which the amortization deduction does not apply, and the taxpayer shall not be entitled to any further amortization deduction under this section with respect to such pollution control facility.

(d) Definitions and Special Rules

For purposes of this section -

(1) Certified pollution control facility

The term "certified pollution control facility" means a new identifiable treatment facility which is used, in connection with a plant or other property in operation before January 1, 1976, to abate or control water or atmospheric pollution or contamination by removing, altering, disposing, storing, or preventing the creation or omission of pollutants, contaminants, wastes, or heat and which -

- (A) the State certifying authority having jurisdiction with respect to such facility has certified to the Federal certifying authority as having been constructed, reconstructed, erected, or acquired in conformity with the State program or requirements for abatement or control of water or atmospheric pollution or contamination;
- (B) the Federal certifying authority has certified to the Secretary (i) as being in compliance with the applicable regulations of Federal agencies and (ii) as being in furtherance of the general policy of the United States for cooperation with the States in the prevention and abatement of water pollution under the Federal Water Pollution Control Act, as amended (33 U.S.C. 466 et seq.), or in the prevention and abatement of atmospheric pollution and contamination under the Clean Air Act, as amended (42 U.S.C. 1857 et seq.); and
- (C) does not significantly -
 - (i) increase the output or capacity, extend the useful life, or reduce the total operating costs of such plant or other property (or any unit thereof), or
 - (ii) alter the nature of the manufacturing or production process or facility.

(2) State certifying authority

The term "State certifying authority" means, in the case of water pollution, the State water pollution control agency as defined in section 13(a) of the Federal Water Pollution Control Act and, in the case of air pollution, the air pollution control agency as defined in section 302(b) of the Clean Air Act. The term "State certifying authority" includes any interstate agency authorized to act in place of a certifying authority of the State.

(3) Federal certifying authority

The term "Federal certifying authority" means, in the case of water pollution, the Secretary of the Interior and, in the case of air pollution, the Secretary of Health and Human Services.

(4) New identifiable treatment facility

(A) In general

For purposes of paragraph (1), the term "new identifiable treatment facility" includes only tangible property (not including a building and its structural components, other than a building which is exclusively a treatment facility) which is of a character subject to the allowance for depreciation provided in section 167, which is identifiable as a treatment facility, and which is property -

- (i) the construction, reconstruction, or erection of which is completed by the taxpayer after December 31, 1968, or
- (ii) acquired after December 31, 1968, if the original use of the property commences with the taxpayer and commences after such date.

In applying this section in the case of property described in clause (i) there shall be taken into account only that portion of the basis which is properly attributable to construction, reconstruction, or erection after December 31, 1968.

- (B) CERTAIN FACILITIES PLACED IN OPERATION AFTER APRIL 11, 2005-In the case of any facility described in paragraph (1) solely by reason of paragraph (5), subparagraph (A) shall be applied by substituting `April 11, 2005' for `December 31, 1968' each place it appears therein.
- <<<(B) REPEALED by the Energy Policy Act of 2005. Prior to this Act, paragraph (B) read as follows: "Certain plants, etc., placed in operation after 1968 in the case of any treatment facility used in connection with any plant or other property not in operation before January 1, 1969, the preceding sentence shall be applied by substituting December 31, 1975, for December 31, 1968.">>>
- (5) SPECIAL RULE RELATING TO CERTAIN ATMOSPHERIC POLLUTION CONTROL FACILITIES- In the case of any atmospheric pollution control facility which is placed in service after April 11, 2005, and used in connection with an electric generation plant or other property which is primarily coal fired--
 - (A) paragraph (1) shall be applied without regard to the phrase in operation before January 1, 1976', and
 - (B) in the case of facility placed in service in connection with a plant or other property placed in operation after December 31, 1975, this section shall be applied by substituting `84' for `60' each place it appears in subsections (a) and (b).

(e) Profitmaking abatement works, etc.

The Federal certifying authority shall not certify any property under subsection (d)(1)(B) to the extent it appears that by reason of profits derived through the recovery of wastes or otherwise in the operation of such property, its costs will be recovered over its actual useful life.

(f) Amortizable basis

(1) Defined

For purposes of this section, the term "amortizable basis" means that portion of the adjusted basis (for determining gain) of a certified pollution control facility which may be amortized under this section.

(2) Special rules

(A) If a certified pollution control facility has a useful life (determined as of the first day of the first month for which a deduction is allowable under this section) in excess of 15 years, the amortizable basis of such facility shall be equal to an amount which bears the same ratio to the portion of the adjusted basis of such facility, which would be eligible for amortization but for the application of this subparagraph, as 15 bears to the number of years of useful life of such facility.

(B) The amortizable basis of a certified pollution control facility with respect to which an election under this section is in effect shall not be increased, for purposes of this section, for additions or improvements after the amortization period has begun.

(g) Depreciation deduction

The depreciation deduction provided by section 167 shall, despite the provisions of subsection (a), be allowed with respect to the portion of the adjusted basis which is not the amortizable basis.

((h) Repealed. Pub. L. 92-178, title I, Sec. 104(f)(2), Dec. 10, 1971, 85 Stat. 502)

(i) Life tenant and remainderman

In the case of property held by one person for life with remainder to another person, the deduction under this section shall be computed as if the life tenant were the absolute owner of the property and shall be allowable to the life tenant.

(j) Cross reference

For special rule with respect to certain gain derived from the disposition of property the adjusted basis of which is determined with regard to this section, see section 1245.

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Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 24

Witness: Robert M. Conroy

- Q-24. For the most recent 12 month period available, please provide actual monthly revenues by rate schedule (corresponding to the same definition of "revenue R(m)" used in the ECR). Include the following amounts for each rate schedule for each month:
 - a. Total revenues
 - b. Base rate billing (customer, demand, energy charges)
 - c. Fuel and purchased power energy amounts included in base rate revenues (i.e., rolled-in amounts).
 - d. FAC billings
 - e. DSM billings
 - f. ECR billings
 - g. Any other revenue amounts included in (a). Please identify each category included.
- A-24. a. -g. See the attachment.

Attachment to Response to KIUC Question No. 24
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Louisville Gas and Electric Company Revenue by Rate Schedule By Month for the Twelve Months Ended May 31, 2011

		a				q					3	٦	-	e	-	ı		80	
		(3)		(2)		(3)	Ener	(4) Energy Charge	(2)		(9)	(7)		(8)		(6)	(10) Merger		(11)
June 2010	Ĕ	Total Revenue	Bas	Basic Service Charge	D ета	Demand Charge	(incl ro	(included FAC rolled m)	Total Base Revenue	FAC C of Ba	FAC Component of Base Rates	FAC Billings		DSM Billings		ECR Billings	Surcredit Billings	S	CSR Billings
Residential Service (RS)	S	35,329,160		1,744,318		0		30,259,998	32,004,316		9,275,468	19	612,890	1,644,729	729	1,067,221	3		0
Volunteer Fire Depts (VFD)	S	1,424	69	105	69		S	1,188 \$	1,292	S	364	69	24 \$		65 \$	43	٠.	69	
Low Emission Vehicle (LEV)	€9	•	\$	•	69		€9	69		69	,	69	69		€9	,	٠,	69	,
Residential Responsive Pricing Service (RRP)	8	10,573	S	006	69		60	8,640 \$	9,540	S	2,931 \$		194 \$		520 \$	320	٠,	S	
General Service (GS)	64	11,815,293	€3	507,557	6 9	•	69	10,601,275 \$	11,108,833	6/3	2,878,933 \$		\$ 881,161	162,368	\$ 89	352,910	(5)	S	,
General Responsive Pricing Service (GRP)	ь	63	69	20	€9	•	es.	36 &	59	69	12	69	-		-	2	٥.	S	
Power Service Rate Secondary Service Primary Service	SS	16,541,515	so so	218,073	69 69	8,526,326	60 60	6,856,744 \$	15,601,143	65 G	4,885,453 5	32	323,390 S	127,888	27,888 \$	489,095	· ·	63 G	•
Total Power Service	8	18,051,013	S	225,403	64	9,268,275	S	7,530,449 \$	17,024,127	5		,		137,819			· · · · · · · · · · · · · · · · · · ·	50	
Time of Day Rates Industrial Secondary Service (ITODS)	S	373,294	69	2,280	69	199,971	S	152,256 \$	354,507	69	\$ 612,611		8,007 \$		69	10,780	, s	69	
Commercial Secondary Service (CTODS)		2,210,259		7,830		1,047,067		1,024,230	2,079,126		712,116	4	47,347	18,339		65,447	,		
undustrial Primary Service (110DP) Commercial Primary Service (CTODP)		1,811,920		5,640 2,430		3,691,814 779,143		3,984,593 918,803	7,682,046		3,134,668 638,816	20 4	208,211	16,646	. 46	53,487			
Total Time of Day Service	69	12,527,154	⇔	18,180	69	5,717,994	69	\$ 188,670,8	11,816,056	S	4,605,380	\$ 30	304,976 \$	34,985	85 \$			S	
Retail Transmisison Service (RTS)	69	2,455,013	S	1,440	69	1,037,481	69	1,276,276 \$	2,315,197	69	1,004,043 \$		66,433 \$		69	73,384	ς,	S	
Curtailable Service Rider (CSR)	69	(243,703) \$	69		69		€9	69	٠	S		69	s)		s.	,	,	64)	(243,703)
Fluctuating Load Service (FLS) Primary Transmission	69	, ;	69		69		S	٠ ،		۷n	, ,	69	۰. ،		69	, ,	, , 69	Ś	
Fluctuating Load Service (FLS)	جه ا		₩	E	S		65			s					60			60	
Special Contracts	↔	1,525,077	69	•	જ	653,176	69	784,993 \$	1,438,169	es	\$ 188,910		40,766 \$		643	46,143	· 69	S	
Outdoor Lighting (LS, RLS and DSK)	S	1,271,081	63	٠	S	,	63	1,223,599 \$	1,223,599	S	181,528 \$		\$ 689.6		65	37,794	(1)	S	,
Lighting Energy (LE)	€9	11,862	S		69		65	11,188 \$	11,188	69	8 061'9		312 \$		69	362	, 65	69	,
Traffic Energy (TE)	6 9	20,848	69	2,945	69		S	\$ 16,897	19,843	69	7,306 \$		393 \$		69	613	69	64	
Total	S	82,774,859	S	2,500,869	2	16,676,925	69	57,794,425 \$	76,972,219	S	23,955,196 \$		1,583,037 \$	1,980,487	87 \$	2,482,823	(3)	8	(243,703)

Attachment to Response to KIUC Question No. 24
Conroy
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Louisville Gas and Electric Company Revenue by Rate Schedule By Month for the Twelve Months Ended May 31, 2011

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		ε		(2)	_	(3)	Freeze	(4) Enermy Charge	(c)		(o)	Ξ		(<u>®</u>)		6	Merger	- Li	=======================================
July 2010	To	Total Revenue	Bas (Basic Service Charge	Ветап	Demand Charge	(inclu roll	(included FAC rolled m)	Total Base Revenue	FAC C of Ba	FAC Component of Base Rates	FAC Billings		DSM Billings		ECR Billings	Surcredit Billings	edit	CSR Billings
Residential Service (RS)	ω	43,299,387		1,756,519		0	3,	37,691,031	39,447,549		11,552,456	1,11	1,116,448	2,048,667	.67	686,718		4	
Volunteer Fire Depts (VFD)	₩	2,747	69	118	€9	•	€9	2,386 \$	2,503	85	731 \$,,	71 \$		130 \$	44	64	•	, 69
Low Emission Vehicle (LEV)	89	*	69	•	S	,	s _s	69	1	69	,	69	(А	•	69	•	69		· &a
Residential Responsive Pricing Service (RRP)	en	13,706	69	880	₩		69	11,628 \$	12,508	8	3,578 \$	s,	346 \$	v	635 \$	217	64		· 69
General Service (GS)	69	13,026,951	69	512,293	€9		 	\$ 075,518,11	12,327,863	64	3,208,527 \$	\$ 30	308,912 \$	180,847	347 S	209,332	69	(2)	, &
General Responsive Pricing Service (GRP)	6 9	2,091	69	148	69	,	S	1,836 \$	1,984	69	482 \$	69	47 \$		27 \$	33	61	,	, 643
Power Service Rate Secondary Service Primary Service	64 64	17,393,489	SS	225,566	en en	8,887,361	60 64	7,356,823 \$	16,469,749	64 64	5,233,087 \$	\$ 50	\$03,906 \$	139,196	\$ 050 \$ 920	280,637 28,740	cs es		69 69
Total Power Service	65	19,061,441	69	232,819		9,671,953	89	8,139,172 \$	18,043,944	69	5,801,238	\$ 55	\$56,973 \$	151,146	146 \$	309,377	69	ı	· •
Time of Day Rates Industrial Secondary Service (ITODS)	€9	345,609	€9	2,160	69	183,973	€9	143,112 \$		\$ 9		٠	10,887 \$		69	5,476	69	,	ا دم
Commercial Secondary Service (CTODS)		2,386,332		7,920	~ •	1,121,500		1,123,171	2,252,592		780,907	, ,	74,580	20,111		39,050		. ,	
Industrial Primary Service (11 ODP) Commercial Primary Service (CTODP)		2,057,597		2,160	•	873,434		1,058,943	1,934,537		736,252	, ,	70,539	18,961	191	33,560		٠,	•
Total Time of Day Service	s	13,902,356	69	18,120	8	6,371,248	65	6,758,025 \$	13,147,393	s	5,117,016	\$ 48	\$ 616,684	39,	39,072 \$	225,972	σ		59
Retail Transmisison Service (RTS)	€9	2,660,961	s	1,440	69	1,081,382	⇔	1,427,394 \$	2,510,216	69	1,122,927	S 10	108,582 \$		69	42,163	64		· •
Curtailable Service Rider (CSR)	69	(270,926)	6 9	•	€9	•	↔	,	ŀ	69	•	69	,		٠,	•	69		\$ (270,926)
Fluctuating Load Service (FLS) Primary Transmission	69		S		64	. ,	€9	en 1		ا دء	, ,	69	ا م <i>ه</i>		64	, ,	ا ي		69
Fluctuating Load Service (FLS)	65	•	so	•	65	•	6A	5	•	€9	•	69	6 /3		69	•	69	,	s
Special Contracts	69	1,549,467	69	•	69	627,571	69	833,972 \$	1,461,543	89	655,374	8	63,372 \$		6 9	24,551	69		69
Outdoor Lighting (LS, RLS and DSK)	69	1,259,608	S	•	ь	,	69	1,225,165 \$	1,225,165	€9	182,774		14,280 \$		6 9	20,163	69		, 69
Lighting Energy (LE)	89	11,96,11	S	•	S	•	€9	\$ 60£,11	11,309	s 6	6,368	۶.	458 \$		69	194	64		· ·
Traffic Energy (TE)	63	20,117	69	2,898	69	•	S	16,343 \$	19,241	\$	7,112	69	546 \$		ω	330	69		· •
Total	ε	94,539,866	٠,	2,525,235	 S	17,752,154	\$	67,933,830 \$	88,211,219	S	27,658,584	\$ 2,65	2,659,954 \$	2,420,523	523 \$	1,519,093	S	2	\$ (270,926)

Attachment to Response to KIUC Question No. 24
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Louisville Gas and Electric Company Revenue by Rate Schedule By Month for the Twelve Months Ended May 31, 2011

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]	(E)		(2)			(4)		(5)	(9)		(7)	(8)		(6)	(10)		(11)
August 2010	Ĭ	Total Revenue	Bas	Basic Service Charge	Deman	Demand Charge	energy Charge (included FAC rolled m)	Tot	Fotal Base F. Revenue	FAC Component of Base Rates	FACE	FAC Billings D	DSM Billings		ECR Billings	Surcredit Billings	CSR B	CSR Billings
Residential Service (RS)	64	43,285,155		2,355,941		0	38,022,033		40,377,974	11,334,710	Τ,	905,062,1	1,671,193	93	(54,518)	Ξ		0
Volunteer Fire Depts (VFD)	69	2,848	69	170	↔	,	\$ 2,490	65	2,660 \$	742	69	85 \$	_	\$ 601	\$ (9)	•	69	
Low Emission Vehicle (LEV)	69	•	69	,	es.	1	i Ga	69	69	,	64	٠,	'	69	٠,	•	643	·
Residential Responsive Pricing Service (RRP)	69	14,001	S	1,008	69	,	\$ 12,008	€9	13,016 \$	3,821	69	434 \$	\$	\$ 595	\$ (51)	•	6 9	•
General Service (GS)	55	12,837,991	69	746,079	€9	1	\$ 11,691,812	€9	12,437,891 \$	3,069,260	s	349,391 \$	65,504	04 \$	(14,795) \$	(0)	s	
General Responsive Pricing Service (GRP)	69	2,357	€9	175	€9	,	\$ 2,108	69	2,282 \$	\$ 562	64	64 \$		13 \$	(2) \$,	69	ı
Power Service Rate Secondary Service	69 6	17,326,290	es e	238,024	64 64 Q	9,253,523 \$	\$ 7,265,227	69 69	16,756,775 \$	4,838,125	vs vs	553,895 \$	41,061	11,061 \$	(25,441) \$		v v	
Total Power Service	9 69	19,022,490		245,897			\$ 8,048,099	69		\$ 5,365,292			46,281		(25,018) \$		69	,
Time of Day Rates Industrial Secondary Service (ITODS) Commercial Secondary Service (CTODS) Industrial Primary Service (ITODP) Commercial Primary Service (ITODP)	69	365,220 2,323,622 7,297,215 2 081 146	69	3,970 11,327 12,237	69	195,904 1 1,100,365 3,565,442 938,744	\$ 152,640 1,123,161 3,445,970 1,057,058	64	352,515 \$ 2,234,853 7,023,649 1,999,143	\$ 115,281 762,310 2,536,389 708,263	69	13,108 \$ 86,217 293,074 80,310	3,911 3,376	3,911	(402) \$ (1,360) (19,508) (1,682)		es ·	
Total Time of Day Service	8	12,067,203	69	30,874	643		\$ 5,778,829	55		\$ 4,122,243	so.	472,709 \$	7.7	7,287 \$	(22,952)	, 69	65	•
Retail Transmisison Service (RTS)	₩.	2,251,937	€9	3,218	د ې	960'000'1	\$ 1,155,834	69	2,159,148	\$ 855,888	69	98,820 \$.	(6,031) \$,	€9	,
Curtailable Service Rider (CSR)	64	(303,197)	\$	•	S			s _s	,	,	6 9	6 9		∽	,	٠ ج	\$	(303,197)
Fluctuating Load Service (FLS) Primary Transmission	⊌ 9	4 I	69	, ,	€9	, ,	, , 69	vs.			<i>د</i> م	69		s l	, ,	<i>د</i> ، ا	€A.	
Fluctuating Load Service (FLS)	69	***************************************	69		<u>د</u>		- 8	69			s			65	,	,	69	
Special Contracts	49	1,579,952	69	,	69	678,879	\$ 837,663	69	1,513,542	\$ 599,376	49	68,151 \$		69	(1,740)	69	5	,
Outdoor Lighting (LS, RLS and DSK)	69	1,283,883	s	ı	64	•	\$ 1,268,076	69	1,268,076	\$ 178,306	٠	17,036 \$		65	(1,228)	(1)	\$	•
Lighting Energy (LE)	↔	13,188	69	•	₩		\$ 12,637	\$ 1	12,637	\$ 6,569	€9	\$ 195		69	(6)	; 69	Ś	1
Traffic Energy (TE)	69	20,563	69	3,004	69		\$ 16,936	6 3	19,939	\$ 7,019	s s	634 \$		69	(10)	69	ь	1
Total	so.	92,078,371	ω	3,386,366	S	17,570,672	\$ 66,848,524	s	87,805,562	\$ 25,543,788	ω	2,911,380 \$	1,790,953	953 S	(126,324)	\$ (3)	S	(303,197)

Attachment to Response to KIUC Question No. 24
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Louisville Gas and Electric Company	Revenue by Rate Schedule	By Month for the Twelve Months Ended May 31, 2011
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		(E)		(2)		(3)	(4)		(5)	(9)		(7)	(8)	((6)	(10) Merger	_	(E)
Sentember 2010	Ţ	Total Revenue	Basic	Basic Service Charge	Deman	Demand Charge	Energy Charge (included FAC rolled m)		Total Base F Revenue	FAC Component of Base Rates		FAC Billings	DSM Billings	illings	ECR Billings	Surcredit Billings	CSR	CSR Billings
Recidential Service (RS)	(A	37,563,622		2,955,318		0	32,812,271	,	35,767,588	9,555,479		609,609	4,1	1,411,645	(225,225)	δ.		0
Volunteer Fire Dents (VED)	69	2,481	٠	230	69	•	\$ 2,135	€ 9	2,364	\$ 622	69	40	64	92 \$	(15)	, 69	69	
Tow Emission Vehicle (LEV)	- 69	. •	69		€9	,	· 69	€9	,	, 69	69	1	€9	\$,	ا دم	ω	
Residential Responsive Pricing Service (RRP)	69	11,042	69	1,160	69		\$ 9,327	\$ 2	10,487	\$ 2,943	49	187	69	435 \$	(67)	٠.	۶s	•
General Service (GS)	69	12,523,705	es	967,374	s		\$ 11,383,511	6 9	12,350,885	\$ 2,910,388	64	187,982	eΑ	61,366 \$	(76,520)	(8)	S	•
General Responsive Pricing Service (GRP)	es	616,1	69	221	65		\$ 1,673	89	1,893	\$ 433	6 9	28	s s	\$ 6	(12)	, sa	69	ı
Power Service Rate Secondary Service	6A 6	17,343,194	69 F	279,097	69 64	9,138,834	\$ 7,669,300	S S	17,087,231	\$ 4,840,346 \$ 647,099	64 64	314,258	64 64	43,862 \$	(102,156)	, , sa sa	N N	
Frimary Service Total Power Service	. 60	19,427,112	69	288,281		10,153,254		8	19,126,970	\$ 5,487,445	60	361,335	69	49,508 \$	(110,700)	' 69	S	•
Time of Day Rates Industrial Secondary Service (ITODS) Commercial Secondary Service (CTODS)	↔	291,095	s,	4,880	64)	152,157	\$ 129,984	8 L		\$ 94,405	69 10 P	52,759	€9	3,376	(12,786)	. ·	€9	
Industrial Primary Service (ITODP)		9,323,328		14,169		4,525,406	4,590,782	9 -	9,130,357	3,345,465 696,273	io ~	241,874		3,045	(48,902)			
Commercial Frimary Service (C10Dr) Total Time of Day Service	8	13,941,789	69	41,184	69	6,604,681	\$ 7,019,424	85	13,665,289	\$ 4,908,070	8	345,610	S	6,421 \$	(75,531)	69	69	1
Retail Transmissson Service (RTS)	69	2,212,610	S	5,516	69	879,411	\$ 1,281,649	\$ 64	2,166,575	\$ 933,015	\$	59,390	69	,	(13,356)	· 69	ω	
Curtailable Service Rider (CSR)	69	(229,590)	69	•	64	•	, 69	69		· 69	€9	•	69	•	,	, 69	es.	(229,590)
Fluctuating Load Service (FLS) Primary Transmission	s	, ,	69	, ,	65	, ,	. · ↔	69		, 1 69	€9	, ,	€9	, ,	, ,	· ·	so	t 1
Transmission Fluctuating Load Service (FLS)	65	,	64		s		59	65 	,		69		S	·	,	· 69	643	1
Special Contracts	64	1,608,483	€9	•	69	708,100	\$ 867,078	\$ 82	1,575,178	\$ 620,458	6 9 ∞	42,323	69	,	(9,018)	, ~	69	ı
Outdoor Lighting (LS, RLS and DSK)	€9	1,341,006	S	•	69	i	\$ 1,338,016	\$ 91	1,338,016	\$ 178,686	\$ 9	10,985	69	t t	(2,996)	69	\$ 0	ı
Lighting Energy (LE)	sa.	15,342	69	•	89	•	\$ 15,064	64 \$	15,064	\$ 7,567	2 2	369	69	1	(06)	, 69	€9	,
Traffic Energy (TE)	69	21,804	69	3,222	69	•	\$ 18,336	36 \$	21,558	\$ 7,124	4. ea	374	S	1	\$ (128)	٠ د ٢	49	,
Total	64	88,441,326	65	4,262,505	65	18,345,446	\$ 63,433,917	17 \$	86,041,869	\$ 24,612,228		1,618,232	S	1,529,475	\$ (518,657)	8	s (i)	(229,590)

Louisville Gas and Electric Company Revenue by Rate Schedule By Month for the Twelve Months Ended May 31, 2011

								٥		P	9	H	f (6)	(10)	(11)	7
		,			Ф		(5)	(9)		(2)	(%)			Merger		
		E	(2)	(£)	<u>Б</u> .Е	Energy Charge (included FAC	Total Base	FAC Component		FAC Billings	DSM Billings		ECR Billings	Surcredit	CSR Billings	sgu
October 2010	To	Total Revenue	Charge	Demand Charge	narge	rolled in)	Kevenue	5	v	688,470	926,946	946	(651,791)	(0)		0
Control Correcte (RS)	6A	25,464,141	2,949,349	61	0	21,551,167	24,500,517	¥	384 \$	42	s,	57 \$	(41) \$,	€9	
Kesidendal Scritter (NED)	S	1,618	S	241 \$	<i>د</i> ه	1,320			69		8	5 9	,		S	,
Volunteer rite Depo (*** 2.)	49	٠	€9	69					1.756 \$	195	s	258 \$	(188)	S	64	,
Low Emission Venice (Co.) Residential Responsive Pricing Service (RRP)	S	6,833	€ 9	\$ 620,1	<i>د</i>	5,489	\$ 10.3	, 6		260,060	\$ 50	\$ 926.05	(262,302)	\$	\$ (1)	
General Service (GS)	S	10,384,321	\$ 961,516	\$ 919			, ,	1,211 \$	259 \$	28	89	9	(31)	· •s	so.	
General Responsive Pricing Service (GRP)	49	1,214	64	223 \$,	S	,			163 401	in e	37,535 \$	(361,601)	69	(13) \$, ,
Power Service Rate	69	14,431,139	65 6	275,346 \$ 7,3	7,390,338	\$ 6,636,133 \$ 759,423	e es	69 69	478,827 \$	49,960	, 60 60	3,698 \$ 41,233 \$	(35,186)	s s	(13) \$	
Secondary Service Primary Service	60 CA	15,865,769	20	8		\$ 7,395,556	6 \$ 15,717,915	A							b	
Total Power Service	•							3 7 7 7	205414 \$	20,699	ω	<i>د</i> ه	(13,389)		9	
Time of Day Rates	S	615,051	S	\$ 060,6	316,481	\$ 282,170	(A)	n		72,318		3,009	(189,651)	. ,		
Industrial Secondary Service (CTODS) Commercial Secondary Service (CTODS)		2,136,396 7,558,800			3,345,703	4,065,451				59,603	- N	2,499 5,509 S	(295,202)	5	ر ا د	
Industrial Primary Service (11001) Commercial Primary Service (CTODP)	1 4	1,758,634	S	4,327 \$ 5	5,515,242	\$ 6,322,198	883,657	S				٠,	(57,017)	\$ (\$	
Total Time of Day Service	A	-	, ,	\$ 500 \$	896,299	\$ 1,276,815	S	2,178,613 \$	929,496 \$	102,073		, 6		S	Ś	(272,579)
Retail Transmisison Service (RTS)	€9	7	A			69	€9	69	6 5	•	S	,		,		
Curtailable Service Rider (CSR)	⇔	(272,579)	s (61)	n		,		•	V		S	,	٠	٠	\$, ,
Fluctuating Load Service (FLS)	(Jr)		6 9	€9	,	s,	\$, ,	, ,	*	0			50	8	
Primary Transmission	•					S	s,	69	,	·			(26,266)	\$ (9	69	
Fluctuating Load Service (FLS)	•	S			921 117	v	593,020 \$ 1,00	1,004,146 \$	423,384	\$ 46,494	94 S				3 (0)	
Special Contracts		\$ 1,024,374	,374 \$,	411,120	, ,	69	1,392,729 \$	181,712	\$ 19,921	21 \$		\$ (34,702)			
Outdoor Lighting (LS, RLS and DSK)		\$ 1,377,948	,948 \$	<i>y</i> a (•		s	15,926 \$	7,938	s	8 159	•	\$ (40		, 4	
Lighting Energy (LE)		\$, ,		16,188 \$	19,330 \$	6,404	S	69		2. 17	(544) 5	\$ (51)	(272,579)
Traffic Energy (TE)		S	л (\$ 000 150	14,861,152	.2 \$ 47,945,469	S	67,057,821 \$	19,310,184	\$ 2,096,763	S	1,024,984	41.000.11			
Totai		\$ 68,18	68,181,697 \$ 4	4,251,200		1										

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Louisville Gas and Electric Company Revenue by Rate Schedule By Month for the Twelve Months Ended May 31, 2011

	L	,									٦		٥	3			0	Γ
		(1)	(2)		(3)	,	(4)		(5)	(9)	(5)		(8)	(6)	(10)		(E)]
o rock	ŀ		Basic Service	TVICE	Č		Energy Charge (included FAC	Tota		FAC Component	7 A 7		DeM Billing	1000	Merger Surcredit	ger redit	Sep Billings	į
November 2010	-	l otal Kevenue	Charge	90 90	Demand Charge	narge	rolled in)	Ke	Kevenue	or base kates	rac bii		Similar Mo	ECK Billings		SÎ.	CSA BIIII	ž.
Residential Service (RS)	69	20,727,457	2,94	2,941,387		0	16,603,381	51	19,544,769	4,834,655	4	467,403	714,124	1,159	59	m		0
Volunteer Fire Depts (VFD)	⇔	1,636	69	264	69	6 9	1,282	69	1,546 \$	373	64	36 \$	55	€9	(1) \$		ψ,	
Low Emission Vehicle (LEV)	69	•	64	•	64	69	•	69		,	65	€ 9	•	· •s	6 9		s	ı
Residential Responsive Pricing Service (RRP)	65	6,747	69	1,256	S.	·	5,084	s,	6,340 \$	1,662	€9	191	246	69	69 		S	,
General Service (GS)	64	9,184,913	» «	968,799	ьn	69	7,978,642	69	8,947,440 \$	3 2,039,662	s1 s	198,023 \$	43,453	\$ (4,008)	\$ (80)	4	69	
General Responsive Pricing Service (GRP)	69	1,057	69	223	69	٠	608	64	1,031	3 217	69	21 \$	5	69	\$ 0		69	
Power Service Rate Secondary Service Primary Service	ક્ત ક્ત	13,149,786	27	274,923	\$ 6,68 \$ 54	6,683,732 \$ 541,216 \$	5,811,462	es es	12,770,117 \$	3,664,185	8 89 133	355,530 \$ 35,039 \$	32,724	es es	(8,585) \$ (2,484) \$		<i>କ</i> େ ଜେ	1 1
Total Power Service	S		12	283,668	7,	7,224,948 \$	9	49		4	\$ 36	390,569 \$	35,764	s s	\$ (69)	,	69	
Time of Day Rates Industrial Secondary Service (ITODS)	69	466,537	€9	7,500	\$ 24	244,043 \$		69	452,652 \$		69	14,209 \$	•	હ 9	(324) \$	•	69	,
Commercial Secondary Service (CTODS)		1,926,394		18,000	58	886,588	952,695		1,867,283	607,764		59,281	2,658	(2	(28)	1		
Industrial Primary Service (ITODP) Commercial Primary Service (CTODP)		7,486,517		15,600	3,23	3,234,525 879,133	3,957,685		7,207,810	2,881,116	~ ~	2/8,/43 61,064	2,699	7)	(37)			
Total Time of Day Service	65		50	46,127	\$ 5,25	5,254,290 \$	6,078,911	€5	11,379,327 \$	4,252,442	\$ 4	413,298 \$	5,357	(612,01)	\$ (61/	,	S	
Retail Transmisison Service (RTS)	69	2,203,074	69	5,500	\$	888,306 \$	1,222,960	sa.	2,116,766 \$	890,291	ω.	\$ 28,087		.53	220 \$		64)	,
Curtailable Service Rider (CSR)	49	(287,862)	ક્ક	ı	69	٠	,	€9	,	· ~	69	69		· ••	69	•	\$ (287	(287,862)
Fluctuating Load Service (FLS) Primary Transmission	69		€9	, ,	↔	<i>د</i> ه		₩.	, .	· ·	sa.	69 I	f I	es	ر د .		۶,	t 1
Fluctuating Load Service (FLS)	8	-	69		6A	,	,	s			S	69	,	69	645 1	•	69	
Special Contracts	69	1,220,950	69	t	\$ 46	464,060 \$	5 710,173	65	1,174,234 \$	\$ 507,058	69	49,715 \$	•	\$ (2,9	\$ (866,2)		69	
Outdoor Lighting (LS, RLS and DSK)	€9	1,366,187	69	•	s.	٠,	1,347,883	↔	1,347,883	\$ 180,169	⊌1	18,829 \$	•	\$ (5)	(524) \$	(0)	es.	1
Lighting Energy (LE)	s	17,609	s	ı	69	6/9	16,997	69	16,997	\$ 8,462	6 9	621 \$	•	8	\$ (01)	•	69	
Traffic Energy (TE)	69	20,966	89	3,250	69	65 '	17,222	S	20,473	\$ 6,756	s	521 \$	•	S	\$ (62)	,	69	
Total	S	60,552,935	\$ 4,2	4,250,473	\$ 13,83	13,831,604	\$ 40,362,404	ss.	58,444,481	\$ 16,743,810	\$ 1,6	1,625,284 \$	799,003	\$ (27,978)	\$ (876	9	\$ (287	(287,862)

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Louisville Gas and Electric Company Revenue by Rate Schedule By Month for the Twelve Months Ended May 31, 2011

						عـ					-	F		-	J		۵	
		(E)		(2)	(3)		(4)		(5)	(9)		(2)		(8)	(6)	(10)		(11)
December 2010	To	Total Revenue	Ваѕк	Basic Service Charge	Demand Charge	harge	(included FAC rolled in)		Fotal Base Revenue	FAC Component of Base Rates		FAC Billings	DSM	DSM Billings	ECR Billings	Surcredit Billings	CSR B	CSR Billings
Residential Service (RS)	69	29,821,035		2,951,050		0	24,899,445	٠,	27,850,495	7,250,326	97	887,436	-	1,070,971	12,134	Ξ	_	0
Volunteer Fire Depts (VFD)	₩	3,530	€9	304	69	1	\$ 2,991	8	3,295	\$ 87	871 \$	105	69	\$ 621	-	· •	69	•
Low Emission Vehicle (LEV)	s	•	69	•	€9	,	, 69	69	•	₩	69	•	8	6 9	•	٠,	S	
Residential Responsive Pricing Service (RRP)	S	8,268	69	656	64	,	\$ 6,708	69 80	7,666	\$ 2,203	3 \$	273	S	325 \$	8	, 69	64	,
General Service (GS)	s	10,863,525	\$	975,420	69	,	\$ 9,534,128	\$	10,509,547	\$ 2,437,524	24 \$	297,450	64	\$2,119 \$	4,413	(4)	s	•
General Responsive Pricing Service (GRP)	69	552	69	223	69	,	\$ 311	s	534	\$ 10	104 \$	14	s	2 \$	61	S	6A	,
Power Service Rate Secondary Service Primary Service	en en	13,688,599	so so	267,706	\$5.9 \$2.5 \$2.5	6,582,189 5	\$ 6,314,242 \$ 605,749	8 8	13,164,137	\$ 3,981,335 \$ 381,934	35 \$ 34 \$	483,799	en en	36,210 \$ 3,160 \$	4,454 855	 & &	us us	
Total Power Service	60	14,873,763	s	275,362	\$ 7,10	7,103,613	166'616'9 \$	- s	14,298,966	\$ 4,363,269	\$ 69	530,118	ω	39,369	5,309		69	
Time of Day Rates Industrial Secondary Service (ITODS)	69	580,982	69	8,700	. 3(8		\$ 249,277	\$	559,099	\$ 181,469	\$ 69	21,671	64	69		, 69	s	1
Commercial Secondary Service (CTODS) Industrial Primary Service (ITODP)		i,816,084 4,842,886		16,800	2,10	830,610 2,109,699	896,215 2,495,401	v	1,743,625 4,619,800	571,733 1,816,603	33	69,255 221,364		2,500	703 1,722			
Commercial Primary Service (CTODP)	ļ	1,710,448		4,800	7	764,454	871,835	اد ا	1,641,089	556,180	8	66,305		2,432	622			-
Total Time of Day Service	69	8,950,400	69	45,000	\$ 4,00	4,005,886	\$ 4,512,727	7 \$	8,563,613	\$ 3,125,984	84 \$	378,595	6-3	4,933 \$	3,259	· •9	67	,
Retail Transmisison Service (RTS)	€9	2,355,538	↔	5,500	\$	897,039	\$ 1,333,213	es E	2,235,753	\$ 970,553	53 \$	118,843	69	6 9	942	٠.	S	
Curtailable Service Rider (CSR)	69	(85,794)	69	•	69	1	69	€9	•	59	64	1	64	69		· •s	s	(85,794)
Fluctuating Load Service (FLS) Primary	649	•	69		69		€9	€5	1	دم	65	,	S	•	ŧ	69	69	
Transmission				,		.	•	.	,	•		,			•	•		
Fluctuating Load Service (FLS)	69		69	•	69	•	, 69	69	,	69	6	•	€9	,	•	, &	ક્ત	
Special Contracts	ω	241,277	64	•	69	92,385	\$ 136,830	\$ 0	229,215	\$ 97,722	22 \$	11,966	ья	· ·	96	· •>	65	
Outdoor Lighting (LS, RLS and DSK)	6-9	1,385,442	69		S		\$ 1,357,357	2 2	1,357,357	\$ 180,147	47 \$	27,449	69	٠,	637	(0)	s (
Lighting Energy (LE)	\$	22,372	69	•	s		\$ 21,382	5 8	21,382	\$ 10,580	\$ 08	186	\$	٠ •	6	٠,	εs	•
Traffic Energy (TE)	69	23,004	69	3,201	69	1	\$ 19,070	\$ 0	22,271	\$ 7,341	41 \$	720	89		13	· ·	69	,
Total	s l	68,462,912	69	4,257,018	\$ 12,0	12,098,923	\$ 48,744,152	5	65,100,094	\$ 18,446,623	23 \$	2,253,951	\$	1,167,848 \$	26,818	(9)	S	(85,794)

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Louisville Gas and Electric Company Revenue by Rate Schedule By Month for the Twelve Months Ended May 31, 2011

		·				2					-	-			ţ	_		5	Γ
		(E)	"	(2)	(3)		(4)	9	(5)	(9)	-	(2)		(8)	(6)		(01)	(11)	
James 2011	Ţ	Total Revenue	Basic 5	Basic Service	Demand Charge	Charge	Energy Charge (included FAC	Energy Charge (included FAC rolled m)	Total Base	FAC Component of Base Rates		FAC Billings	DSN	DSM Billings	FCR Billings	Surc Bill	Merger Surcredit Billings	CSR Billings	sauj
candal J work	?			o i		1		i				b		b			b		b
Residential Service (RS)	69	35,920,114	ĸ.	3,003,727		0	30,	30,115,833	33,119,560	8,769,024	024	1,241,392		1,490,815	68,346	١٥.	7		0
Volunteer Fire Depts (VFD)	64	4,336	€9	339	69	,	€9	3,654 \$	3,993	. <u>.</u>	1,064 \$	152	69	182	6 \$	69	,	69	,
Low Emission Vehicle (LEV)	69	•	69	٠	64	,	69	6 4 3	•	69	6 9	•	\$	•	1	69		6 9	•
Residential Responsive Pricing Service (RRP)	s	11,705	69	1,080	69	•	€9	\$ 609'6	10,689	S	3,187 \$	452	69	542	\$ 21	S	1	€9	
General Service (GS)	69	12,077,252	69	994,957	69		.01 \$	10,533,408 \$	11,528,365	\$ 2,692,992	8 266	379,734	6/9	145,790	\$ 23,357	s 2	ν,	دم د	,
General Responsive Pricing Service (GRP)	€9	1,096	69	265	٠		co	784 \$	1,049	69	222 \$	30	69	12	8	69	•	69	,
Power Service Rate Secondary Service Primary Service	64 KA	14,670,783	in in	278,705	s s,	6,712,105	જે ક્લ ક્લ	6,940,291 \$	13,931,101	\$ 4,375,891 \$ 411,908	\$ 168	615,018 57,869	64 64 	97,430	\$ 27,234 \$ 2,090	4 C	. ,	69 KP	
Total Power Service	S	15,890,359	69	286,985		7,201,748	\$ 7.	\$ 675,593,7	15,082,312	\$ 4,787,799	\$ 662	672,887	5	105,836	\$ 29,324	69		s,	
Time of Day Rates Industrial Secondary Service (ITODS)	64)	523,680	69	8,100	ea .		€9	227,760 \$		\$ 165,	\$ \$08.59	23,461	<i>د</i> م		\$ 925	۶۰ -	ı	69	•
Commercial Secondary Service (CTODS) Industrial Primary Service (ITODP)		2,123,947 8,249,314 1,846,701		16,980	7.6	889,449 3,401,068 772,714	~ 4	1,103,758 4,389,341 969,320	7,807,209	mi.	704,133 ,195,354 618,370	431,151 85 793		12,433	1,2,1 10,954 2,912	4 V			, , ,
Total Time of Day Service	643	12,743,642	69	47,080	\$ 5,3		\$ 6,	\$ 621,069,9	=	\$ 4,683,661	\$ 199	638,342	. s		\$ 18,162			49	
Retail Transmisison Service (RTS)	69	1,972,395	67	5,500	69	885,705	69	976,757 \$	1,867,962	\$ 711,	\$ 090,117	100,889	ss O		\$ 3,544	8 8		es.	,
Curtailable Service Rider (CSR)	69	\$ (279,606)	69	1	€9		€9	,	•	69	69	•	es.	٠	. 69	€9		\$ (2.	(279,606)
Fluctuating Load Service (FLS) Primary Transmission	69		65	. ,	69		69	٠. ١		ω	6A , ,		↔	, ,	ı ı	64	, ,	∽	
Fluctuating Load Service (FLS)	S		69		ь	1	64	,	,	€A.	ا د	•	69		, 69	s	•	ь	,
Special Contracts	S	1,346,065	69	•	69	502,062	69	773,252 \$	1,275,313	∨1	\$ 620,025	69,836	€5 1	•	\$ 916	s 9	•	<i>د</i> م	
Outdoor Lighting (LS, RLS and DSK)	69	1,446,438	69		69	1	S	1,410,584 \$	1,410,584	٧٠	180,049 \$	33,027	\$ 1		\$ 2,827	\$ 1	0)	€9	
Lighting Energy (LE)	64	22,306	69	•	649	•	ss.	21,142 \$	21,142	€9	10,183 \$	1,125	€9	•	\$ 39	\$	1	۶,	,
Traffic Energy (TE)	69	23,851	69	3,237	69	•	es.	\$ 612,61	3 22,950	د م	7,545 \$	859	8		\$ 42	2	•	64	,
Total	49	81,179,952	\$ 4	4,343,171	\$ 13,	13,916,178	\$ 58	58,148,492 \$	76,407,841	\$ 22,398,864	864 \$	3,138,724	ψ,	1,766,394	\$ 146,592	8	7	\$ (2	(279,606)

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Louisville Gas and Electric Company Revenue by Rate Schedule By Month for the Twelve Months Ended May 31, 2011

						٤				C	٦	-	6.	4		٥	
		(E)	(2)		(3)	1	(4)		(S)	(6)	()		(8)	(6)	(10)		(II)
February 2011	To	Total Revenue	Basic Service Charge	ervice	Demand Charge		Energy Charge (included FAC rolled in)		Total Base Revenue	FAC Component of Base Rates	FAC Billings		DSM Billings	ECR Billings	Surcredit Billings	CSR	CSR Billings
Residential Service (RS)	€9	28,932,166	2.5	2,914,536		0	23,670,649	49	26,585,185	6,892,442	oσ	807,028	1,172,084	367,865		4	0
Volunteer Fire Depts (VFD)	S	4,088	8	358	€9	69 ,	3,394	94 \$	3,752	\$ 988	64	116 \$	168	\$ 51	· •s	s	
Low Emission Vehicle (LEV)	€9	,	ss.		69	٠	,-	69	,		69	6 9	,	· ·	٠ دم	69	,
Residential Responsive Pricing Service (RRP)	69	9,215	69	1,067	69	4	7,333	33 \$	8,399	\$ 2,433	65	285 \$	414	\$ 117	<i>د</i> ء ،	69	
General Service (GS)	es.	10,201,890	6 \$	946,108	€5	٠,	8,742,479	\$ 62	9,688,587	\$ 2,234,834	S	262,911 \$	122,598	\$ 127,799	89	\$ (5)	1
General Responsive Pricing Service (GRP)	69	554	s	180	€9	69 ,		349 \$	529	\$ 100	649	12 \$	\$	2	69	69	,
Power Service Rate Secondary Service Primary Service	<i>৬</i> ৭ <i>৬</i> 4	12,928,397	64 64 64	263,077		6,262,770 \$ 437,468 \$	5,734,299	37 \$	12,260,146	\$ 3,615,542 \$ 332,998	sa sa	426,899 \$ 39,512 \$	82,510 7,569	\$ 158,843 \$ 12,539	ea ea	69 69	
Total Power Service	82			270,388	\$ 6,70	6,700,237 \$	6,262,436	36 \$	13,233,061	\$ 3,948,540	8	466,410 \$	90,079	\$ 171,382		ۍ.	
Time of Day Rates Industrial Secondary Service (ITODS) Commercial Secondary Service (CTODS)	↔	531,752 2,064,475	69	8,400	\$ 28	280,110 \$	1,020,006	43 \$	506,452	\$ 158,658 650,704	ь	18,671 \$ 78,517	12,963	\$ 6,628	. · ∽	ss.	
Industrial Primary Service (11 ODP) Commercial Primary Service (CTODP)		1,741,126		4,987	777	770,287	3,208,308 868,288	88 0	1,643,561	553,014	7	66,869	11,035	19,660	,		
Total Time of Day Service	S	10,584,050	89	48,133	\$ 4,63	4,631,421 \$	\$ 5,314,805	\$ 50	9,994,359	\$ 3,699,053	8	458,563 \$	23,999	\$ 107,130	69	64	
Retail Transmisison Service (RTS)	69	1,665,339	64	5,500	s 778	788,916 \$	\$ 782,966	\$ 99	1,577,382	\$ 569,984	€9	66,747 \$	1	\$ 21,209	69	€N	1
Curtailable Service Rider (CSR)	64	(200,617)	69	1	€9	1	, 64	69	•	· 69	69		•	· •	· •s	€9	(200,617)
Fluctuating Load Service (FLS) Primary Transmission	ь	, ,	ь		69	, ,	• ·	6 9			69	ا ، ،		s	٠ ، ا دم	s	, ,
Fluctuating Load Service (FLS)	s		64)	ı	ક્ક		-	65	,	· 69	S	69	,	69	69	6-9	
Special Contracts	69	1,308,993	69		\$ 45	491,848 \$	\$ 739,550	\$ 059	1,231,398	\$ 528,009	69	72,734 \$	•	\$ 4,861	٠ حم	69	
Outdoor Lighting (LS, RLS and DSK)	69	1,481,119	69	1	69	eri i	\$ 1,440,180	80 \$	1,440,180	\$ 175,915	S	22,733 \$	•	\$ 18,205	69	s o	
Lighting Energy (LE)	69	18,042	€9	(69	,	17,061	S 190	17,061	\$ 8,386	69	758 \$,	\$ 223	63	w	•
Traffic Energy (TE)	w	21,087	69	2,708	s,	1	\$ 17,476	\$ 9/1	20,183	\$ 6,844	S	644 \$	ı	\$ 259	65	s,	,
Total	sa	67,986,857	\$ 4,	4,188,978	\$ 12,61	12,612,423	\$ 46,998,677	\$ 777	63,800,078	\$ 18,067,528	8	2,158,942 \$	1,409,347	\$ 819,108	S	s (i)	(200,617)

Attachment to Response to KIUC Question No. 24
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Louisville Gas and Electric Company Revenue by Rate Schedule By Month for the Twelve Months Ended May 31, 2011

		-,				.1				,	-		•	f	-		
		(1)		(2)	(3)		(4)		(5)	(9)	(6)		(8)	(6)	(10)		(11)
March 2011	To	Total Revenue	Basic S	Basic Service Charge	Demand Charge	_	Energy Charge (included FAC rolled m)	Tot	Total Base F. Revenue	FAC Component of Base Rates	FAC Billings		DSM Billings	ECR Billings	Metger Surcredit Billings	Metger Surcredit Billings	CSR Billings
Residential Service (RS)	64	25,569,200	2,	2,961,878		0	21,126,090		24,087,968	6,151,394	77	159,238	1,046,185	275,808	00		0
Volunteer Fire Depts (VFD)	69	3,884	6 9	408	(A)	·	3,248	69	3,656 \$	946	69	25 \$	191	\$ 42	2 \$,	, 69
Low Emission Vehicle (LEV)	69	1	€9	í	⊌n	6 9 ,		69			S	6 9	•	· ·	ь	,	,
Residential Responsive Pricing Service (RRP)	69	6,918	69	1,053	69	6 9	5,438	69	6,491 \$	1,802	εn	46 \$	307	\$ 75	ر ج	,	,
General Service (GS)	69	10,474,237	69	983,688	69	·	9,178,151	89	10,161,839 \$	2,346,736	69	71,025 \$	129,018	\$ 112,351	۶,	m	
General Responsive Pricing Service (GRP)	69	724	69	223	69	69 ,	482	69	705 \$	138	6 5	\$	00	69	\$,	, 8
Power Service Rate Secondary Service Primary Service	64 CA	13,144,559	64 64	273,387	\$ 6,45 57	6,455,521 \$	6,070,890	જ જ	12,799,797 \$	3,827,785		113,941 \$ 12,901 \$	87,188 7,679	\$ 143,633 \$ 12,831	 	: 1	, , \$
Total Power Service	es.	14,310,276		281,964	\$ 6,9	6,993,174 \$	ģ	۶۵.	13,932,103 \$	4,197,314	\$	126,841 \$	94,867	\$ 156,465	\$ 5	,	
Time of Day Rates Industrial Secondary Service (ITODS) Commercial Secondary Service (CTODS)	69	602,608	s	9,000	\$ 36	319,657 \$ 958,116	262,123	49	590,780 \$ 2,033,257	190,820	64	5,303 \$	13,407	\$ 6,525	\$ 57		, , 69
Industrial Primary Service (ITODP) Commercial Primary Service (CTODP)		8,546,353		17,400 5,600	εί Ai χο	3,555,255	4,671,304		8,243,958	3,400,617	73	204,254 18,826	11,963	98,140 20,394	0 4		
Total Time of Day Service	69	13,111,926	69	52,220	\$ 5,7(5,704,669 \$	6,929,623	60	12,686,512	\$ 4,864,894	\$	\$ 612,232	25,370	\$ 147,826	\$ 90	,	
Retail Transmisison Service (RTS)	69	1,716,124	s,	5,500)8 \$	804,014 \$	871,762	8	1,681,276	\$ 634,625	69	16,344 \$,	\$ 18,504	s S		, sa
Curtailable Service Rider (CSR)	€9	(216,841)	∽	•	٠	,	, 8	69	,	, 69	es.	<i>د</i> ع ،		· S	69	,	\$ (216,841)
Fluctuating Load Service (FLS) Primary Transmission	€9		۶s	1 1	€4	1 1	, , 69	69	1 1	· ·	64	sa		ر. د	so.	, ,	ક
Fluctuating Load Service (FLS)	5		64		69	. •		S		. 69	cs.		ı	69	ь.		
Special Contracts	s ₂	1,089,454	69	,	8	445,196 \$	\$ 586,010	s c	1,031,206	\$ 418,379	٠,	44,601 \$	1	\$ 13,647	\$ 11	ı	,
Outdoor Lighting (L.S. RLS and DSK)	69	1,573,390	65	,	89	1	\$ 1,550,293	8	1,550,293	\$ 181,122	€9	\$ 688'5	r	\$ 17,209	\$ 60	(2)	, 69
Lighting Energy (LE)	6 9	18,295	64	•	69	,	\$ 17,906	69	17,906	\$ 8,836	€5	\$ 161	,	\$ 198	\$ 80	r	69
Traffic Energy (TE)	S	21,180	64	3,187	69	,	\$ 17,600	\$	20,787	\$ 6,884	69	\$ 691	,	\$ 230	s 0s	1	i 69
Total	69	67,678,768	8	4,290,120	\$ 13,9	13,947,053	\$ 46,943,568	ω	65,180,742	\$ 18,813,070	8	676,586 \$	1,295,915	\$ 742,364	\$ \$	2	\$ (216,841)

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				,	By M	Louis onth for	Reverthe the	ville Gas and Electric Com Revenue by Rate Schedule the Twelve Months Ended	Electrate State South	Louisville Gas and Electric Company Revenue by Rate Schedule h for the Twelve Months Ended May	Louisville Gas and Electric Company Revenue by Rate Schedule By Month for the Twelve Months Ended May 31, 2011								
	L	a	L			_	٩			-	U		P	e e		J		ы	
	j	(1)		(2)		(3)		(4) Energy Charge		(5)	(9)		(5)	(8)		(6)	(10) Merger	0	(11)
April 2011	To	Total Revenue	Ba	Basic Service Charge	Dета	Demand Charge	(inc	(included FAC rolled in)	To A	Total Base F Revenue	FAC Component of Base Rates	FAC	FAC Billings	DSM Billings		ECR Billings	Surcredit Billings	CSR	CSR Billings
Residential Service (RS)	٠	23,076,127		2,945,067		0		18,686,524	.,	1631,591	5,441,014		950,268	528,681		320,799		0	0
Volunteer Fire Depts (VFD)	6 9	3,352	69	422	69	1	⇔	2,719	69	3,141 \$	792	€9	87 \$		\$ 44	47 9	· •s	S	•
Low Emission Vehicle (LEV)	69	1	69	*	69	•	69	•	↔	(Л	i	۶.	٠	•	S	,	, 89	69	1
Residential Responsive Pricing Service (RRP)	69	6,077	69	1,043	64	•	643	4,631	69	5,674 \$	1,542	€9	\$ 891		150 \$	84	, 69	٠	,
General Service (GS)	69	9,786,560	€9	960,063	89	٠	69	8,309,274	69	9,269,337 \$	2,124,006	6 9	\$ 869,722	151,772	27.	137,752	69	\$ 0	ı
General Responsive Pricing Service (GRP)	€9	1,083	69	320	69	•	69	719	€9	\$ 650,1	201	€9	16 \$		13 \$	14	· &	⊌ 9	,
Power Service Rate Secondary Service Primary Service	64 64	13,238,085	~ ~	266,846	es es	6,451,303	S	5,843,551	64 64	12,561,700 \$	3,684,476	60 cm	392,406 \$ 33,092 \$	101,458	58 \$ 01 \$	182,522	, , s, s,	l & &	ž 1
Total Power Service	6-3	14,304,572		273,866	€4	6,952,055	69	6,345,468	649	13,571,388 \$	4,000,941	ω	425,498 \$	110,459	\$ 65	197,227		(A)	i
Time of Day Rates Industrial Secondary Service (ITODS) Commercial Secondary Service (CTODS) Industrial Primary Service (ITODP)	s	614,925 2,078,145 6,729,384	↔	9,000 19,427 16,200	69	320,165 937,196 2,938,208	↔	257,258 1,007,502 3,475,268	69	586,422 \$ 1,964,125 6,429,676	187,278 642,728 2.529,926	69	20,002 \$ 65,444 211,919	20,195	\$ \$6	8,501 5 28,381 87,789	, , , ,	S	
Commercial Primary Service (CTODP)		1,945,866		5,400	ŀ	912,124		919,410		1,836,935	586,530		63,067	18,935	35	26,929			.
Total Time of Day Service	69	11,368,320	69	50,027	S	5,107,692	69	5,659,438	69	10,817,157	\$ 3,946,463	64	360,433 \$	39,130	30 \$	151,600	1	es.	,
Retail Transmisson Service (RTS)	69	2,506,129	643	5,500	63	1,149,975	69	1,218,805	69	2,374,279 \$	887,266	69	97,004 \$,	en.	34,845	, 69	cs.	ı
Curtailable Service Rider (CSR)	69	(287,017)	8	•	S	,	69	•	49	٠,	,	€9	·	•	€5	,	69	49	(287,017)
Fluctuating Load Service (FLS) Primary Transmission	69	, ,	69		69	1 1	S		es.	۷۶		64	, ,		69		۰ ، دم	69	
Fluctuating Load Service (FLS)	59		69		s		69	,	63			69			6-5	1		65	Topographic and the state of th
Special Contracts	69	1,112,009	69	•	69	433,587	69	649,979	S	1,083,567 \$	464,063	c/s	\$ 690'91	•	69	12,374	· 69	64	i
Outdoor Lighting (LS, RLS and DSK)	69	1,361,321	69	•	69	•	S	1,325,168	69	1,325,168 \$	990'691	69	17,298 \$	•	63	18,855	65	\$ (0)	ţ
Lighting Energy (LE)	69	15,929	69	•	69	•	64	15,105	64	15,105 \$	96'9	s	604 \$		65	220	649	69	٠
Traffic Energy (TE)	69	22,046	69	3,175	€9	•	69	17,980	69	21,155 \$	7,002	son .	\$ 287	,	69	304	, 69	s	ŀ
Total	S	63,276,506	60	4,239,483	S	13,643,309	S	42,235,811	69	60,118,603	\$ 17,049,315	S	1,740,517 \$	830,283	83 8	874,121	89	\$ 0	(287,017)

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Louisville Gas and Electric Company Revenue by Rate Schedule By Month for the Twelve Months Ended May 31, 2011

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		E (2)		(6)	(5)			-		4	٥ (١	υĘ	_	a (-		co	
		E	C S	(2) Boos Seeding	(s)	_	Energy Charge	harge	(c)	4	(e)	S		(8)		6)	(10) Merger	_	Ê
May 2011	To	Total Revenue	Dasie C	Sic Service Charge	Demand Charge	Charge	(incided r.f.	II.)	Revenue	ofB	of Base Rates	FAC Billings		DSM Billings		ECR Billings	Surcredit	CSR	CSR Billings
Residential Service (RS)	64	23,214,607	1.71	2,947,149		0	18,81	18,885,536	21,832,685		5,498,916	62(620,027	534,236	9	227,660	٣	(0)	0
Volunteer Fire Depts (VFD)	69	3,902	69	446	va	,	69	3,221 \$	3,667	s	938 \$		106 \$	Ů,	\$ 16	38	٠.	64	ì
Low Emission Vehicle (LEV)	64		۶s	•	ن ج	,	€9	ده د	,	64	,	∽	6 9	,	(A)	,	, s	64	•
Residential Responsive Pricing Service (RRP)	69	090'9	S	1,040	s	,	s,	4,643 \$	5,683	6 9	1,515	s	171 \$	71	147 \$	\$ 65	· •s	69	•
General Service (GS)	69	10,251,106	s	960,879	65	,	\$ 8,77	8,775,738 \$	9,736,617	\$ 1	2,243,524	\$ 25.	252,834 \$	160,124	65 65	101,527	\$	69	•
General Responsive Pricing Service (GRP)	69	545	69	86	69	,	649	422 \$	519	€ 5	117	s	13 \$		649 00	50	· &	٠	•
Power Service Rate Secondary Service Primary Service	W W	14,105,253	69 69	264,273	3,7,5 8,001	7,506,527	5,68	5,683,984 \$	13,454,784	69 69 # 10	3,561,105	\$ 41	411,239 \$	98,822	5 5 8 8	140,721	\$ (312)	ss s	, ,
Total Power Service	69	16,335,386	69	274,608			5 6,7	6,739,273 \$	-			\$ 47		116,918		163,417	(91)	s	
Time of Day Rates Industrial Secondary Service (ITODS)	€9	613,267	69	000.6	64 Fri		\$ 25	\$ 112,132	586,594	6 9	182,876	\$ 21	20,601 \$	•	₩	6,072	69	S	•
Commercial Secondary Service (CTODS)		2,214,354		20,000	0 0	995,988	0, 1	1,076,376	2,092,363		686,665	<u>- </u>	77,202	22,355	5	22,434	1		•
Industrial Frimary Service (11ODF) Commercial Primary Service (CTODP)		1,796,854		5,000	ν, ν, ος	827,334	ກຸ້ອັ	3,333,883 866,448	1,698,782		2,443,018 552,743	7 9	213,349 62,265	17,995	5	17,812	1 1		
Total Time of Day Service	64	11,200,403	69	50,800	\$ 5,0	5,008,914	\$ 5,5	5,549,919 \$	10,609,633	s	3,865,302	\$ 43.	433,416 \$	40,350	s 0	117,003	,	69	
Retail Transmisson Service (RTS)	69	2,677,827	65	5,500	3,1,1	1,141,048	\$ 1,39	1,390,884 \$, 2,537,432	69	1,012,536	· I · · · · · · · · · · · · · · · · · ·	114,144 \$,	69	26,251	, 69	69	•
Curtailable Service Rider (CSR)	69	(88,270)	∽ 1	٠	69	1	64	· ·	,	s,	,	69	69	•	69	,	· •\$	es.	(88,270)
Fluctuating Load Service (FLS) Primary Transmission	€9		69	, ,	69	, ,	69	••		ss.	, ,	€9	€	, ,	69		, , 69	€9	
Fluctuating Load Service (FLS)	69	•	6 9		69		64			69		S			es.		5	60	,
Special Contracts	69	1,186,858	↔	•	82	470,027	\$	\$ 561,059	1,120,222	\$	464,231	\$ \$	51,034 \$	1	69	15,602	, &	69	•
Outdoor Lighting (LS, RLS and DSK)	69	1,502,238	∽	•	6 9	1	\$ 1.46	1,468,644 \$	1,468,644	s S	190,824	<u>بر</u> دم	18,416 \$	•	69	15,179	(0)	s c	•
Lighting Energy (LE)	69	16,688	so.	•	69	,	69	15,847 \$	15,847	\$ 1	7,903	69	674 \$	•	69	167	, &s	69	,
Traffic Energy (TE)	69	20,637	S	3,179	رد. د	•	69	\$ 899'91	19,846	64	6,594	69	584 \$,	69	206	, S	S	,
Total	69	66,327,987	S	4,243,697	S	15,182,998	\$ 43,50	43,500,991 \$	62,927,686	S	17,541,612	\$ 1,96	1,969,596 \$	851,874	\$ 5	667,113	([3]	S	(88,270)

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		(1)		(2)		(3)		(4) Energy Charge	(5)		(9)		(2)		(8)	-	(6)	(10) Merger	e e	(11)
Total Twelve Months	Ĕ	Total Revenue	Bas (Basic Service Charge	Demand	Demand Charge	(inch ro	(included FAC rolled in)	Total Base Revenue	FA	FAC Component of Base Rates	FAC	FAC Billings	DSM	DSM Billings	ECR	ECR Billings	Surcredit Billings		CSR Billings
Residential Service (RS)	69	372,202,170		32,426,239		0	31	314,323,957	346,750,196	νo	92,831,139		9,095,502	14,	14,260,277	•	2,096,176		18	0
Volunteer Fire Depts (VFD)	69	35,846	6 9	3,404	s٩		69	30,028 \$	\$ 33,432	2 \$	8,815	€9	688	69	1,314	69	211	€9	65	•
Low Emission Vehicle (LEV)	sa	•	64)		€5		ક્ક	1	· 69	S	ŧ	69	ı	69		S		645	69	1
Residential Responsive Pricing Service (RRP)	69	111,145	s,	12,523	69	•	69	\$ 755,06	103,061	- \$	29,373	69	2,912	دی	4,543	s	628	649	69	,
General Service (GS)	69	133,427,743	64)	10,484,733	69	,	2	\$ 090,816,711	\$ 128,402,793	3	30,582,708	69	2,987,207	.i.	1,325,935	€9	711,817	69	\$ (6)	
General Responsive Pricing Service (GRP)	s	13,254	S	2,316	69	ı	S	10,522 \$	\$ 12,837	2 2	2,846	€9	277	€9	109	69	30	69	69	•
Power Service Rate Secondary Service Primary Service	w w	177,961,089	69 69	3,125,023	.68 & .8	89,850,527	69 69	78,182,946 \$ 8,512,535 \$	\$ 171,158,496 \$ 16,725,152	R2 R2	50,691,130	w w	4,947,681	8 8	925,883	બ બ	929,355 92,466		(326) \$, ,
Total Power Service	64	195,406,051	69	3,223,176	\$ 97,	97,964,991	69	86,695,481 \$	\$ 187,883,648	&9 &9	56,261,900	69	5,481,331	 	1,019,280	64	1,021,821	69	(29) \$	•
Time of Day Rates Industrial Secondary Service (ITODS) Commercial Secondary Service (CTODS)	٠٩	5,924,020	s,	82,080	\$ 3,	3,103,400	∽	2,526,841 \$	\$ 5,712,321	- L	1,860,775	69	182,481	69	135,278	s,	29,217	€9	S	
Industrial Primary Service (ITODP) Commercial Primary Service (CTODP)		90,100,921		166,026 52,938	0 40	40,089,338	, [46,073,047 11,425,979	86,328,411	O	34,065,768		3,314,656		120,350		457,854		, .	1 (
Total Time of Day Service	S	144,253,389	69		\$ 65,	65,049,157	69		\$ 138,237,078	-S	51,615,155	89	5,022,998	64	255,628	69	737,685	69	65	
Retail Transmisison Service (RTS)	643	26,900,615	64	55,614	s E	11,449,672	69	14,215,314 \$	\$ 25,720,600	8	10,521,683	€9	1,035,357	S	,	69	144,658	69	٠,	•
Curtailable Service Rider (CSR)	69	(2,766,003) \$	8	•	649	,	69	,	· •	€9	•	69	ı	€9	ı	69	1	69	6-5	(2,766,003)
Fluctuating Load Service (FLS) Primary Transmission	69	• *:	69		€9		69	1 1	· ·	€9		69		64		€9		vs	6 5	, ,
Fluctuating Load Service (FLS)	69	1	65		69		69	, 53	: 69	60	,	65	,	S		69	•	69	65 ,	,
Special Contracts	69	14,792,961	69	,	\$	5,975,018	49	8,162,715	\$ 14,137,734	4	5,947,015	₩.	577,060	69	ı	69	78,168	69	6 43	•
Outdoor Lighting (LS, RLS and DSK)	69	16,649,661	€9	í	÷s	•	s	16,347,694 \$	\$ 16,347,694	4 8	2,160,297	69	215,553	↔	•	۶	86,419	69	(5) \$	•
Lighting Energy (LE)	64	199,765	69	1	69	ı	69	\$ 695,161	\$ 191,563	69 69	95,942	69	7,306	رم د		69	968	69	69	•
Traffic Energy (TE)	69	255,439	69	37,147	s	•	69	210,430 \$	\$ 247,577	7 \$	83,930	69	6,575	S	ı	67	1,286	69	69	•
Total	_د	901,482,035	S	46,739,115	\$ 180	180,438,839	\$	630,890,260	\$ 858,068,214	S	250,140,803	s 2	24,432,967	\$ 16	\$ 16,867,088	S	4,879,795	69	(24) \$	(2,766,003)

Louisville Gas and Electric Company Revenue by Rate Schedule By Month for the Twelve Months Ended May 31, 2011

Response to KIUC's First Set of Data Requests Dated July 12, 2011

Case No. 2011-00162

Question No. 25

Witness: Robert M. Conroy

- Q-25. Please provide the information requested in the immediately preceding question that corresponds to the "Forecasted 12-Month Retail Revenues" for the period 2012 through 2016 shown on page 4 of 12 of Exhibit RMC-5 of Mr. Conway. For example, for the year 2012, this data request seeks the total revenues shown on Mr. Conway's exhibit of 955,916,819 for the 12-month period, disaggregated by month, by rate schedule and by the categories identified in parts (a) through (g) of the immediately preceding question.
- A-25. LG&E does not forecast 12-Month Retail Revenues in the detail requested. However, forecasted annual total revenue disaggregated by Non-Fuel Base, Base Fuel, FAC, ECR, and DSM revenues is included in the input tab of the electronic version of Exhibit RMC-5 provided in response to KPSC Question No. 49.