

Mr. Jeff DeRouen Executive Director Kentucky Public Service Commission 211 Sower Boulevard Frankfort, Kentucky 40601

RECEIVED

MAR 15 2010

PUBLIC SERVICE COMMISSION

Kentucky Utilities Company

State Regulation and Rates 220 West Main Street PO Box 32010 Louisville, Kentucky 40232 www.eon-us.com

Lonnie E. Bellar Vice President T 502-627-4830 F 502-217-2109 Ionnie.bellar@eon-us.com

March 15, 2010

RE: Application of Kentucky Utilities Company for an Adjustment of Its Base Rates – Case No. 2009-00548

Dear Mr. DeRouen:

Please find enclosed and accept for filing the original and ten (10) copies of the Response of Kentucky Utilities Company to the Second Data Request of the Commission Staff dated March 1, 2010, in the above-referenced matter.

Due to the unavailability of Butch Cockerill to sign his verification page, the Company will file his verification page separately.

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

Sincerely,

Lonnie E. Bellar

cc: Parties of Record

COMMONWEALTH OF KENTUCKY SS:)) **COUNTY OF JEFFERSON**

The undersigned, Daniel K. Arbough, being duly sworn, deposes and says that he is Treasurer for Kentucky Utilities Company and an employee of E.ON U.S. Services, Inc., 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

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 12^{m} day of <u>March</u> 2010.

etoria B. Harped (SEAL)

Sept 20, 2010

STATE OF TEXAS)	
)	SS:
COUNTY OF TRAVIS)	

The undersigned, **William E. Avera**, being duly sworn, deposes and says he is President of FINCAP, Inc., 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.

Willin &. Cum

William E. Avera

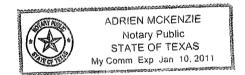
Subscribed and sworn to before me, a Notary Public in and before said County

and State, this 10th day of ______ 2010.

(SEAL) Notary Public

My Commission Expires:

1/10/2011



COMMONWEALTH OF KENTUCKY))	SS:
COUNTY OF JEFFERSON)	

The undersigned, Lonnie E. Bellar, being duly sworn, deposes and says that he is Vice President, State Regulation and Rates for Kentucky Utilities Company and an employee of E.ON U.S. Services, Inc., 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.

Belle

onnie E. Bellar

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 12^{+h} day of <u>March</u> 2010.

Victoria B. Harpen (SEAL) Notary Public

Sept 20, 2010

COMMONWEALTH OF KENTUCKY)) SS: COUNTY OF JEFFERSON)

The undersigned, **Shannon L. Charnas**, being duly sworn, deposes and says that she is Director – Utility Accounting and Reporting for E.ON U.S. Services, Inc., 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.

Sanna Charnes

Shannon L. Charnas

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 12^{th} day of <u>March</u> 2010.

lectoria B. Harper (SEAL) tary Public

Sept 20,2010

COMMONWEALTH OF KENTUCKY)	00
)	SS:
COUNTY OF JEFFERSON)	

The undersigned, **Robert M. Conroy**, being duly sworn, deposes and says that he is Director - Rates for E.ON U.S. Services, Inc., 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

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 12^{47} day of <u>March</u> 2010.

Victoria B. Nauper (SEAL) Notary Public

Sept 20,2010

COMMONWEALTH OF KENTUCKY) SS: **COUNTY OF JEFFERSON**

The undersigned, Chris Hermann, being duly sworn, deposes and says that he is Senior Vice President, Energy Delivery for Kentucky Utilities Company and an employee of E.ON U.S. Services, Inc., 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.

Chris Hermann

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 12th day of March 2010.

Victoria B. Hayer (SEAL) Notary Public

Sept 20,2010

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 E.ON U.S. Services, Inc., 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.

Knisnflle

Ronald L. Miller

Subscribed and sworn to before me, a Notary Public in and before said County and State, this $\frac{12^{\text{th}}}{2010}$ day of \underline{March} 2010.

<u>(lectoria B. Harper</u> (SEAL) Notary Public

Sept 20, 2010

COMMONWEALTH OF KENTUCKY)) SS: **COUNTY OF JEFFERSON**

The undersigned, Paula H. Pottinger, Ph.D., being duly sworn, deposes and says that she is Senior Vice President, Human Resources for Kentucky Utilities Company and an employee of E.ON U.S. Services, Inc., 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.

Paula H. Pottinger, Ph.D.

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 12^{th} day of <u>March</u> 2010.

Victoria B. Hayer (SEAL) Notary Public

lept 20,2010

COMMONWEALTH OF KENTUCKY)) SS: **COUNTY OF JEFFERSON**

The undersigned, Valerie L. Scott, being duly sworn, deposes and says that she is Controller for Kentucky Utilities Company and an employee of E.ON U.S. Services, Inc., 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.

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Subscribed and sworn to before me, a Notary Public in and before said County and State, this 12^{th} day of <u>March</u> 2010.

Victoria B. Hayner (SEAL) Totary Public

Sept 20,2010

COMMONWEALTH OF KENTUCKY)) SS: COUNTY OF JEFFERSON)

The undersigned, **William Steven Seelye**, being duly sworn, deposes and states that he is a Principal and Senior Analyst with The Prime Group, LLC, 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. William Steven Seelve Subscribed and sworn to before me, a Notary Public in and before said County and State, this 12^{+1} day of <u>March</u> 2010.

ria B. Haupen (SEAL) Notary Public

Sept 20,2010

COMMONWEALTH OF KENTUCKY)) SS: **COUNTY OF JEFFERSON**

The undersigned, Paul W. Thompson, being duly sworn, deposes and says that he is Senior Vice President, Energy Services for Kentucky Utilities Company and an employee of E.ON U.S. Services, Inc., 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.

<u>}__</u> Paul W. Phompson

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 3^{+h} day of 3^{-h} day of 2010.

Notary Public B. Hauper (SEAL)

Sept 20,2010

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF KENTUCKY UTILITIES)	CASE NO.
COMPANY FOR AN ADJUSTMENT OF)	2009-00548
ITS BASE RATES)	

RESPONSE OF KENTUCKY UTILITIES COMPANY TO THE SECOND DATA REQUEST OF COMMISSION STAFF DATED MARCH 1, 2010

FILED: March 15, 2010

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 1

Responding Witness: Robert M. Conroy

- Q-1. Refer to proposed PSC No. 15, Original Sheet No. 12, All Electric School. Explain the reason for the addition of the demand-side management ("DSM") cost recovery mechanism to the adjustment riders for this tariff.
- A-1. Requests have been made by customers on the All Electric School rate to have DSM programs made available to them. If customers serviced under the AES rate are to participate in DSM programs, then the DSM cost recovery mechanism should apply to the AES rate schedule.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 2

Responding Witness: Robert M. Conroy/William Steven Seelye

- Q-2. Refer to proposed PSC No. 15, Original Sheet Nos. 15 and 15.1, Power Service.
 - a. For an average example customer to be served under the proposed tariff, provide the effect on the customer's bill of all proposed tariff changes, in sufficient detail to show the individual effect of each rate/tariff change.
 - b. A text change was made to the Term of Contract section on page 15.1 which results in the length of notice required to terminate service being eliminated. Explain the reason for the change and provide the length of notice that would be required to terminate service under this tariff.
- A-2. a. See attached.
 - b. For customers of the size served under the reference rate schedule the administrative effort to enforce the notice provision produced minimal results. There is no proposed length of notice after the initial one (1) year term of contract has been fulfilled.

	Billing
KENTUCKY UTILITIES COMPANY	Calculation of Proposed Increase on an Average Customer's Base Rate B

Attachment to Response to KU KPSC-2 Question No. 2 Page 1 of 1 11.65% 11.15% 20.00% 10.75% 11.45% 11.64% Per Cent 20.00% 10.75% Per Cent Increase Increase \$9,477.62 \$22,765.82 \$180.00 \$13,108.20 \$1,223.46 \$2,896.74 Dollars \$180.00\$1,493.28 Dollars \$42,807.00 \$48,048.98 \$90,855.98 \$226,978.34 \$135,042.36 \$5,659.20 \$6,076.98 \$28,200.78 \$1,080.00 \$11,736.18 \$15,384.60 \$1,080.00 Annual Annual \$11,253.53 \$90.00 \$6,864.14 \$868.14 \$90.00 \$1,282.05 Billing Billing Winter Winter \$11,253.53 \$8,561.40 \$90.00 \$1,131.84 \$90.00 \$1,282.05 Summer Summer 300,094 kWh 726 kW 768 kW 34,188 kWh kW kW Average Usage 96 91 Average Usage Secondary Power Service Primary Power Service Proposed Rate \$11.40 \$9.14 \$0.03750 \$90.00 Proposed Rate \$11.79 \$9.54 \$90.00 \$0.03750 \$33,907.65 \$47,470.71 \$81,378.36 \$900.00 \$204,212.52 \$121,934.16 \$3,504.24 \$7,008.48 \$900.00 \$10,512.72 \$25,304.04 \$13,891.32 Annual Annual \$10,161.18 \$75.00 \$6,781.53 \$876.06 \$75.00 \$1,157.61 Billing Billing Winter Winter \$10,161.18 \$75.00 \$6,781.53 \$876.06 \$75.00 Summer \$1,157.61 Summer 300,094 kWh 751 kW 751 kW 34,188 kWh kW kW Average Usage 93 93 Average Usage \$9.03 \$9.03 \$0.03386 **\$9.42 \$9.42** Current \$75.00 \$0.03386 \$75.00 Rate Current Rate Subtotal Demand Subtotal Demand Customer Charge Demand Charge Summer Winter Demand Charge Customer Charge Energy Charge Energy Charge Summer Winter Total Total

Conroy/Seelye

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 3

Responding Witness: Robert M. Conroy/William Steven Seelye

- Q-3. Refer to proposed PSC Nos. 20 and 21, Time-of-Day Secondary Service. For an average example customer to be served under the proposed tariff, provide the effect on the customer's bill of all proposed tariff changes, in sufficient detail to show the individual effect of each rate/tariff change.
- A-3. See attached. Under the current PSC Nos. 21, Large Time-of-Day Service, KU does not offer secondary service. The proposed tariff does not contain a PSC No. 21 rate schedule. The requested comparison is for the current PSC No. 20, Time-of-Day Service (Secondary), to the proposed PSC No. 20, Time-of-Day Secondary Service.

Attachment to Response to KU KPSC-2 Question No. 3 11.89% 11.75% 10.99% 122.22% Per Cent Increase \$13,430.32 \$7,967.20 \$22 717.52 \$1,320.00 Dollars \$25,242.84 \$20,379.60 \$14,985.00 \$52,799.00 \$67,784.00 \$135,671.32 \$75,751.20 \$213,822.52 \$2,400.00 \$30,128.76 \$191,105.00 \$122,241.00 \$1,080.00 Annual Billing Annual Time-of-Day Secondary Service Proposed \$200.00 \$0.03758 \$3.71 \$3.06 \$4.59 Current \$90.00 \$0.03386 \$2.25 \$7.37 Rate Rate 300,850 kWh 300,850 kWh 567 kW 555 kW 547 kW 555 kW 597 kW Average Usage Average Usage Subtotal Demand Subtotal Demand Customer Charge Intermediate Customer Charge Demand Charge Demand Charge Energy Charge Energy Charge Off-Peak On-peak Base Peak Total Total

KENTUCKY UTILITIES COMPANY

Calculation of Prposed Increase on an Average Customer's Base Rate Billing

e sponse to KU KPSC-2 Question ivo. 5 Page 1 of 1 Conroy/Seelye

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 4

Responding Witness: Robert M. Conroy/William Steven Seelye

Q-4. Refer to proposed PSC Nos. 22 and 22.1, Time-of-Day Primary Service. For an average example customer to be served under the proposed tariff, provide the effect on the customer's bill of all proposed tariff changes, in sufficient detail to show the individual effect of each rate/tariff change.

A-4. See attached.

KENTUCKY UTILITIES COMPANY Calculation of Proposed Increase on an Average Customer's Base Rate Billing

10.00% 8.16% 150.00% 4.93% Per Cent Increase \$13,186.12 \$6,826.70 \$22,172.82 \$2,160.00 Dollars \$293,870.82 \$34,101.00 \$97,748.00 \$29,644.56 \$46,565.76 \$68,824.80 \$145,035.12 Time-of-Day Primary Service (from TOD) \$145,235.70 \$3,600.00 \$138,409.00 \$131,849.00 \$271,698.00 \$1,440.00 Annual Annual Billing \$1.97 \$3.16 \$4.74 Proposed \$300.00 \$0.03553 \$120.00 \$2.25 \$6.98 Current \$0.03386 Rate Rate 340,641 kWh 340,641 kWh 1,254 kW 1,228 kW 1,210 kW 1,263 kW 1,167 kW Average Average Usage Usage Subtotal Demand Subtotal Demand Intermediate Customer Charge Customer Charge Demand Charge Demand Charge Energy Charge Energy Charge Off-Peak On-peak Base Peak Total Total

Attachment to Response to KU KPSC-2 Question No. 4 Page 1 of 2 Conroy/Seelye

Calculation	of Proposed Incre	ase on an Ave	Calculation of Proposed Increase on an Average Customer's Base Rate Billing	Rate Billing	
	Time-of-Da	y Primary Serv	Time-of-Day Primary Service (from LTOD)		
	Average Usage	Current Rate	Annual Billing		
Customer Charge		\$120.00	\$1,440.00		
Energy Charge	4,996,076 kWh	\$0.03386	\$2,030,006.00		
Demand Charge Off-Peak On-peak Subtotal Demand	10,337 kW 10,398 kW	\$2.22 \$6.07	\$275,378.00 \$757,390.00 \$1,032,768.00		
Total			\$3,064,214.00		
	Average Usage	Proposed Rate	Annual	Increase Dollars 1	Ise Per Cent
Customer Charge		\$300.00	\$3,600.00	\$2,160.00	150.00%
Energy Charge	4,996,076 kWh	\$0.03553	\$2,130,126.96	\$100,120.96	4.93%
Demand Charge Base Intermediate Peak Subtotal Demand	11,141 kVA 10,911 kVA 10,748 kVA	\$1.97 \$3.16 \$4.74	\$263,373.24 \$413,745.12 \$611,346.24 \$1,288,464.60	\$255,696.60	24.76%
Total			\$3,422,191.56	\$3\$7,977.56	11.68%
				Attach	Attachment to Respon

onse to KU KPSC-2 Question No. 4 Page 2 of 2 Conroy/Seelye

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 5

Responding Witness: Robert M. Conroy/William Steven Seelye

Q-5. Refer to proposed PSC No. 15, Original Sheet Nos. 25 and 25.1, Retail Transmission Service. For an average example customer to be served under the proposed tariff, provide the effect on the customer's bill of all proposed tariff changes, in sufficient detail to show the individual effect of each rate/tariff change.

A-5. See attached.

Attachment to Response to KU KPSC-2 Question No. 5 24.67% 10.43% 2.86% 316.67% Per Cent Increase Calculation of Proposed Increase on an Average Customer's Base Rate Billing \$1\$0,826.40 \$226,564.80 \$4,560.00 \$41,178.40 Dollars KENTUCKY UTILITIES COMPANY \$2,398,295.80 \$111,221.76 \$323,671.32 \$190,264.00 \$542,595.00 \$2,171,731.00 \$6,000.00 \$1,478,610.40 \$478,792.32 \$913,685.40 \$1,440.00 \$1,437,432.00 \$732,859.00 Annual Annual Billing Retail Transmission Service \$1.04 Proposed \$500.00 \$4.64 \$120.00 \$1.92 \$5.18 \$0.03483 \$0.03386 Current Rate Rate 8,729 kVA 8,599 kVa 8,258 kVA 8,729 kVA 3,537,684 kWh 3,537,684 kWh 8,912 kVA Average Usage Average Usage Subtotal Demand Subtotal Demand Intermediate Peak Customer Charge Customer Charge Demand Charge Demand Charge Energy Charge Energy Charge Off-Peak On-peak Base Total Total

Page 1 of 1 Conroy/Seelye

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 6

Responding Witness: Robert M. Conroy/William Steven Seelye

Q-6. Refer to proposed PSC No. 15, Original Sheet Nos. 30 – 30.3, Fluctuating Load Service. For an average example customer to be served under the proposed tariff, provide the effect on the customer's bill of all proposed tariff changes, in sufficient detail to show the individual effect of each rate/tariff change.

A-6. See attached.

ß								Increase Dollars Per Cent	\$4,560.00 316.67%	\$ 1,132,696.70 11.64%	\$719,740.80 8.63%	\$1,856,997.50 10.27% Attachment to Response to KU KPSC-2 Question No. 6 Page 1 of 1 Conroy/Seelye
KENTUCKY UTILITIES COMPANY lation of Proposed Increase on an Average Customer's Billing	ervice	Annual Billing	\$1,440.00	\$9,732,555.22	\$5,558,043.60 \$2,502,513.24	\$233,766.72 \$46,529.64 \$8,340,853.20	\$18,074,848.42	Annual	\$6,000.00	\$10,865,251.92 \$1	\$2,268,600.00 \$2,871,561.00 \$3,920,433.00 \$9,060,594.00	\$19,931,845.92
UTILITIE crease on an	Fluctuating Load Service	Current Rate	\$120.00	\$0.02930	\$5.02 \$1.37	\$2.64 \$0.81		Proposed Rate	\$500.00	\$0.03271	\$1.00 \$1.75 \$2.75	
CKY U posed Inc	Fluctu			kWh	kW kW	kW kW				kWh) kVA kVA kVA	
KENTUC ation of Proj		Average Usage		27,680,760 kWh	92,265 152,221	7,379 4,787		Average Usage		27,680,760	189,050 136,741 118,801	
KE Calculation			Customer Charge	Energy Charge	Demand Charge Standard Load On-Peak Off-Peak	Fluctuating Load On-Peak Off-Peak Subtotal Demand	Total		Customer Charge	Energy Charge	Demand Charge Base Intermediate Peak Subtotal Demand	Total

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 7

Responding Witness: Robert M. Conroy

- Q-7. Refer to proposed PSC No. 15, Original Sheet Nos. 35 and 35.1, Street Lighting Service.
 - a. Refer to Sheet No. 35, the Overhead Service section. A text change was made in the first paragraph to limit the amount of street lighting circuit furnished to 150 feet. Explain the reason for this change.
 - b. Refer to Sheet No. 35.1, the Underground Service section. A text change was made in the first paragraph to limit the amount of underground conductor furnished to 200 feet. Explain the reason for this change.
 - c. Refer to Sheet No. 35.1 and the current PSC No. 14, Second Revision of Original Sheet No. 35.1. Paragraph 2 of the current tariff, Storage Provision for Gran Ville Light and Accessories, is not included in the proposed tariff. Explain the reason for the omission.
- A-7. a. The current KU tariff, Street Lighting Service, Second Revision of Original Sheet No. 35, provides for 'the necessary overhead street lighting circuit' but does not define that overhead span. Under the current KU tariff, Private Outdoor Lighting, Second Revision of Original Sheet No. 36.2, an overhead span is defined as 'up to 100 feet'. The current LG&E tariff, Lighting Service, Second Revision of Original Sheet No. 36.2, offers to 'extend its secondary conductor one span' but does not define that overhead span. In the effort to further harmonize the KU and LG&E tariffs and be consistent, it was decided both Companies would provide 150 feet. This distance is based on good engineering practices since that is the maximum length of a single span of secondary, polyphase conductor that should be installed without requiring either an additional pole or pole support such as guy wires and anchors.
 - b. The current KU tariff, Street Lighting Service, Second Revision of Original Sheet No. 35.1, provides for 'the necessary underground conductor' but does not define that length. In practice, 200 feet is the maximum underground street light circuit that KU will install so as not to create an unacceptable voltage drop. The current LG&E tariff, Lighting Service, Second Revision of Original Sheet No. 35.1, does list the length at 200 feet. As stated in "a" above, in the effort to further harmonize the KU and LG&E

tariffs and be consistent, it was decided both Companies would provide 200 feet based on good engineering practices and in order to provide consistency.

c. The Storage Provision for Gran Ville Light and Accessories was a separate item in the original filing of that style fixture and pole because at that time the units were stored at no cost by a third party. That has not been the case for several years and any additional expense associated with such storage was built into rates during the last rate case. As such, it is appropriate to remove the Storage Provision from the tariff.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 8

Responding Witness: Robert M. Conroy

- Q-8. Refer to proposed PSC No. 15, Original Sheet Nos. 36.1 and 36.2, Private Outdoor Lighting.
 - a. Refer to Sheet No. 36.1, the first paragraph. A text change was made to limit the amount of conductor furnished to 150 feet. Explain the reason for this change.
 - b. Refer to Sheet No. 36.1, the second paragraph. A text change was made pertaining to the use of the Excess Facilities rider in determining the cost of additional facilities. Explain the reason for this change.
 - c. Refer to Sheet No. 36.2, the first paragraph near the bottom of the page. A text change was made to limit the amount of circuitry furnished to 200 feet. Explain the reason for this change.
- A-8. a. See response to Question No. 7, Part a.
 - b. The text change in the second paragraph of the proposed Private Outdoor Lighting, Original Sheet No. 36.1, pertaining to the use of the Excess Facilities in determining the cost of additional facilities is to clarify the existing practice of applying the Excess Facilities rider to facilities not normally supplied in providing a lighting service. KU felt those who only occasionally refer to the entire tariff might not be aware of that option.
 - c. See response to Question No. 7, Part b.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 9

Responding Witness: Robert M. Conroy/William Steven Seelye

- Q-9. Refer to proposed PSC No. 15, Original Sheet Nos. 40.1 through 40.6, Cable Television Attachment Charges.
 - a. Refer to Sheet Nos. 40.1 and 40.2. A text change was made in the Maintenance of Attachments section to reduce the time allowed for making requested changes from two months to 30 days. Explain the reason for this change.
 - b. Refer to Sheet No. 40.3 and current PSC No. 14, Original Sheet No. 40.3. Section 9, Rentals, in the current tariff is not included in the proposed tariff. Explain the reason for the omission.
 - c. Refer to Sheet No. 40.5 and current PSC No. 14, Original Sheet No. 40.6. Section 15, Billing, in the current tariff is not included in the proposed tariff. Explain the reason for the omission.
 - d. Refer to Sheet No. 40.6 and current PSC No. 14, Original Sheet No. 40.8. Section 25, Term of Agreement, in the current tariff is not included in the proposed tariff. Explain the reason for the omission.
 - e. Identify the companies that have cable attachments on KU's poles.
- A-9. a. The current KU tariff, Cable Television Attachment Charges, Original Sheet No. 40.2, provides in Section 4, MAINTENANCE OF ATTACHMENTS, that the time allowed to make requested changes to be 'in no case longer than two months'. The current LG&E tariff, Cable Television Attachment Charges, Original Sheet No. 40.4, provide in Section 13 that the time allowed to make requested changes to be 'within 30 days'. In the effort to further harmonize the KU and LG&E tariffs and be consistent, it was decided 30 days was reasonable and would be the time allowed by both Companies.
 - b. Section 9, Rentals, in the current PSC No. 14, Original Sheet No. 40.3, is redundant in light of the language contained in the proposed tariff, Original Sheet No. 40, sections titled ATTACHMENT CHARGE ADJUSTMENT and BILLING. For that reason, it was omitted as a separate section of the proposed tariff.

- c. Section 15, Rentals, in the current PSC No. 14, Original Sheet No. 40.5, is redundant in light of the language contained in the proposed tariff, Original Sheet No. 40, section titled BILLING. For that reason, it was omitted as a separate section of the proposed tariff.
- d. Section 25, Term of Agreement, in the current PSC No. 14, Original Sheet No. 40.8, is redundant in light of the language contained in the proposed tariff, Original Sheet No. 40, section titled TERM OF AGREEMENT. For that reason, it was omitted as a separate section of the proposed tariff.
- e. The following companies had cable attachments on KU's poles during the test year:

Access Cable Television City of Bardstown City of Williamstown Comcast Duo County Telecom Eastern Cable Corporation Evarts TV Inc Frankfort Electric and Water Plant Board Galaxy Telecom Inc. Harlan Community Television, Inc. Horizon Communications, Inc. Insight Communications Company LP Irvine Community Television Inc James Cable Partners LP Liberty Communications Inc Limestone Cable Vision Inc LL Communications LLC Mediacom Southeast New Wave Communications, Somerset, Ky (May-2006) Perfect TV Company Reimer Communications LLC Rockcastle Cable Vision Inc - Lewis Cable TV Star Cable Systems, Inc. Time Warner Cable, Inc Wilcop Cable TV Windjammer Zito Media

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 10

Responding Witness: Butch Cockerill

- Q-10. Refer to proposed PSC No. 15, Original Sheet No. 45, Special Charges. A text change is proposed in the Meter Pulse Charge section which changes the language from "\$9.00 per month" to "\$9.00 per pulse per month." Provide the effect this change will have on customers currently using this service.
- A-10. The change in language from "\$9.00 per month" to "\$9.00 per pulse per month" will have no effect on customer charges. The change in language is to clarify the existing practice of requiring the customer to pay for each pulse received. In situations where the customer has multiple meters or desires a pulse for kVAR as well as kW or kVA, each requires a separate pulse initiator which properly necessitates a separate Meter Pulse Charge.

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 11

Responding Witness: William Steven Seelye

Q-11. Refer to proposed PSC No. 15, Original Sheet No. 60, Excess Facilities. Provide the effect that changes to the Excess Facilities rider will have on current customers of this tariff.

A-11. See attached.

Kentucky Utilities Company

Estimated Effect of Changes to the Excess Facilities Charge

	Current Rate	Proposed Rate
Excess Facilities	\$ 2,299,762	\$ 2,299,762
Applicable Rate	1.49%	 1.61%
Monthly Charges	\$ 34,266	\$ 37,026
Annualized Charges	\$ 411,197	\$ 444,314
Difference		\$ 33,117

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 12

Responding Witness: Robert M. Conroy

- Q-12. Refer to proposed PSC No. 15, Original Sheet No. 79.1, Low Emission Vehicle Service. This tariff states that customers served under this tariff are not eligible for the Budget Payment Plan. Explain why this restriction is included.
- A-12. The rate structure of LEV closely follows that of LG&E's pilot program Residential Responsive Pricing Service, RRP, Original Sheet No. 76. The purpose of both rates is to send a price signal more aligned with the cost of providing service. That price signal would then provide the customer both the flexibility and the incentive to control the customer's billing through controlling consumption. It is counterproductive to send a time sensitive price signal and then average it out over a year so that the customer does not receive that pricing signal.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 13

Responding Witness: Robert M. Conroy

- Q-13. Refer to proposed PSC No. 15, Original Sheet No. 86, DSM Cost Recovery Mechanism. The last paragraph on this page states that "[t]he non-variable revenue requirement for the Residential, Volunteer Fire Department, and General Service customer classes is defined as the weighted average price per kWh of expected billings under the energy charges contained in the RS, VFD, GS, AES, and LEV rate schedules...." Explain why the AES and LEV rate schedules are included in the list in the latter part of the sentence but not in the listing in the first part of the sentence.
- A-13. The exclusion was unintentional. That sentence should read;

"The non-variable revenue requirement for the Residential, Volunteer Fire Department, General Service, All Electric School, and Low Emission Vehicle customer classes is defined as the weighted average price per kWh of expected billings under the energy charges contained in the RS, VFD, GS, AES, and LEV rate schedules...."

Attached are revised tariff sheets.

Attachment to KU Response to KPSC 2-13 Conroy

ljustment Clause	DSM and-Side Management Cost Recovery Mechanism
Define	and-olde management cost recovery mechanism
APPLICABLE In all territory served.	
VFD, General Service F Secondary Service Rat Vehicle Service Rider L management program For purposes of rate "industrial" if they are pr unfinished materials into	atory to Residential Rate RS, Volunteer Fire Department Service Rate Rate GS, All Electric School Rate AES, Power Rate PS, and Time-of-Day te TODS, Time-of-Day Primary Service Rate TODP, and Low Emission LEV. Industrial customers who elect not to participate in a demand-side hereunder shall not be assessed a charge pursuant to this mechanism. application hereunder, non-residential customers will be considered rimarily engaged in a process or processes which create or change raw or o another form or product, and/or in accordance with the North American System, Sections 21, 22, 31, 32, and 33. All other non-residential
Management Cost Rec	computed under each of the rate schedules to which this Demand-Side covery Mechanism is applicable shall be increased or decreased by the omponent (DSMRC) at a rate per kilowatt hour of monthly consumption following formula:
	DSMRC = DCR + DRLS + DSMI + DBA
Where:	
for each twelve-me developed through costs shall includ evaluating DSM pr rate classes whose incurred by or on t consultants, emplo Administrative cost those classes and program. The cost	RECOVERY Iude all expected costs which have been approved by the Commission onth period for demand-side management programs which have been a collaborative advisory process ("approved programs"). Such program e the cost of planning, developing, implementing, monitoring, and rograms. Program costs will be assigned for recovery purposes to the e customers are directly participating in the program. In addition, all costs behalf of the collaborative process, including but not limited to costs for yees and administrative expenses, will be recovered through the DCR. Its that are allocable to more than one rate class will be recovered from allocated by rate class on the basis of the estimated budget from each t of approved programs shall be divided by the expected kilowatt-hour ning twelve-month period to determine the DCR for such rate class.
Revenues from los	ENUE FROM LOST SALES st sales due to DSM programs implemented on and after the effective ad will be recovered as follows:
kWh) as detern revenue requir recovered her requirement for Electric School	ming twelve-month period, the estimated reduction in customer usage (in mined for the approved programs shall be multiplied by the non-variable rement per kWh for purposes of determining the lost revenue to be reunder from each customer class. The non-variable revenue or the Residential, Volunteer Fire Department, General Service, All I, and Low Emission Vehicle customer classes is defined as the weighted per kWh of expected billings under the energy charges contained in the

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P.S.C. No. 15, Original Sheet No. 86.1

dju	stment Clause DSM
	Demand-Side Management Cost Recovery Mechanism
F	RATE (continued) RS, VFD, GS, AES, and LEV rate schedules in the upcoming twelve-month period after deducting the variable costs included in such energy charges. The non-variable revenue requirement for each of the customer classes that are billed under demand and energy rates (rate schedules PS, TODS, and TODP) is defined as the weighted average price per kWh represented by the composite of the expected billings under the respective demand and energy charges in the upcoming twelve-month period, after deducting the variable costs included in the energy charges.
	2) The lost revenues for each customer class shall then be divided by the estimated class sales (in kWh) for the upcoming twelve-month period to determine the applicable DRLS surcharge. Recovery of revenue from lost sales calculated for a twelve-month period shall be included in the DRLS for 36 months or until implementation of new rates pursuant to a general rate case, whichever comes first. Revenues from lost sales will be assigned for recovery purposes to the rate classes whose programs resulted in the lost sales.
	Revenues collected hereunder are based on engineering estimates of energy savings, expected program participation and estimated sales for the upcoming twelve-month period. At the end of each such period, any difference between the lost revenues actually collected hereunder and the lost revenues determined after any revisions of the engineering estimates and actual program participation are accounted for shall be reconciled in future billings under the DSM Balance Adjustment (DBA) component.
	A program evaluation vendor will be selected to provide evaluation criteria against which energy savings will be estimated for that program. Each program will be evaluated after implementation and any revision of the original engineering estimates will be reflected in both (a) the retroactive true-up provided for under the DSM Balance Adjustment and (b) the prospective future lost revenues collected hereunder.
	DSMI = DSM INCENTIVE For all Energy Impact Programs except Direct Load Control, the DSM incentive amount shall be computed by multiplying the net resource savings expected from the approved programs which are to be installed during the upcoming twelve-month period times fifteen (15) percent, not to exceed five (5) percent of program expenditures. Net resource savings are defined as program benefits less utility program costs and participant costs where program benefits will be calculated on the basis of the present value of Company's avoided costs over the expected life of the program, and will include both capacity and energy savings. For Energy Education and Direct Load Control Programs, the DSM incentive amount shall be computed by multiplying the annual cost of the approved programs which are to be installed during the upcoming twelve-month period times five (5) percent.
	The DSM incentive amount related to programs for Residential Rate RS, Volunteer Fire Department Rate VFD, General Service Rate GS, All Electric School Rate AES, Power Rate PS, Time-of-day Secondary Service Rate TODS, Time-of-Day Primary Rate TODP, and Low Emission Vehicle Service Rider LEV shall be divided by the expected kilowatt-hour sales for the upcoming twelve-month period to determine the DSMI for such rate class. DSM incentive amounts will be assigned for recovery purposes to the rate classes whose programs created the incentive.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 14

Responding Witness: Robert M. Conroy

- Q-14. Refer to proposed PSC No. 15, Original Sheet No. 86.3, DSM Cost Recovery Mechanism Monthly Adjustment Factors. State whether the DSM Revenues from Lost Sales factors shown on this page would change as a result of a change in base rates. If so, explain why no change is being proposed.
- A-14. The Demand-Side Management ("DSM") Revenues from Lost Sales represented on P.S.C No. 15, Original Sheet No. 86.3 will be adjusted down upon the conclusion of this General Rate Case proceedings to exclude the lost sales associated with DSM activities deployed prior to the end of the test year ended October 31, 2009. The Company will follow the procedures outlined in P.S.C No. 15, Original Sheet No. 86 and No. 86.1 in relation to how DSM Recovery Lost Sales (DRLS) are to be calculated. The Company has not proposed to change how these calculations are to be performed, and will file a new DRLS rate upon the conclusion of this proceeding.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 15

Responding Witness: Butch Cockerill

- Q-15. Refer to current PSC No. 14, Original Sheet No. 101.1 and proposed PSC No. 15, Original Sheet No. 101.1, the Monitoring of Customer Usage section. Changes in text have been made from "Company will contact customer" to "Company may contact customer" and from "Company will immediately investigate usage deviations" to "Company may investigate usage deviations." Explain the reason for these changes, the effect they will have on customers, and the criteria to be utilized to determine when the customer will be contacted and when a detailed analysis will be performed.
- A-15. Although the Commission's regulations require the Company to monitor customers' usage at least once annually, in practice, KU monitors consumption every month. Thus, KU is requesting to change its tariff language for Monitoring of Customer Usage to better reflect the Company's process for complying with this requirement. Since KU's process, as defined below, actually provides a monthly review of each customer's usage, adopting the proposed language change will have no impact on its customers.

In order to comply with this regulation, KU has parameters programmed into its Customer Care System (CCS) to detect unusual deviations in a customer's usage. Although the Commission's regulation does not specifically define what may constitute an "unusual deviation in the customer's consumption", the parameters in KU's CCS will create a billing exception on an account when there are large variances in the customer's consumption from one month to another or from same period in the prior year. If the current month's usage is beyond our parameter, a billing exception will be generated from CCS. Once a billing exception is created, the Billing Integrity associate will conduct an audit of the account to determine what actions are required to validate the customer's usage. The changes in the tariff language clarifies that the Company has the flexibility to respond appropriately to detected usage deviations. Not all billing exceptions are billing problems, but can be the result of weather-related swings or changes in the consumption patterns for customers. Thus, the results of the review may range from doing nothing, to re-reading the meter, to contacting the customer for additional information. Thus the criteria used to determine when to contact the customer is dependent upon what caused the billing exception to be generated and the findings of the Billing Integrity associate's audit.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 16

Responding Witness: Valerie L. Scott

Q-16. Refer to Tab 39 of KU's Application.

- a. Confirm that the expenses listed at Tab 39 include all test year charges assigned or allocated to KU by affiliates or subsidiaries and that there are no other cost assignments or allocations included in KU's test year or pro forma expenses from any of the other companies listed on the organization chart provided at Item 2 of KU's response to Commission Staff's First Data Request ("Staff's First Request").
- b. Explain why there was a significant decrease in inter-company charges to KU during the test year compared to the levels for calendar years ended 2006, 2007 and 2008.
- c. Provide the following information for the charges between KU and Louisville Gas and Electric Company ("LG&E").
 - (1) A schedule detailing the costs directly charged to and costs allocated to KU from LG&E. Indicate the KU accounts where these costs were originally recorded and whether the costs were associated with Kentucky jurisdictional electric operations only, other jurisdictional electric operations only, or total company electric operations. For costs that are allocated, include a description of the allocation factors utilized.
 - (2) A schedule detailing the costs directly charged to and costs allocated by KU to LG&E. Indicate the KU accounts where these costs were recorded. For costs that are allocated, include a description of the allocation factors utilized.
- A-16. a. The expenses listed at Tab 39 include all test year charges assigned or allocated to KU by affiliates or subsidiaries and there are no other cost assignments or allocations included in KU's test year or pro forma from any other company. Additionally, debt-related interest charges of \$64,575,525 were directly paid to Fidelia.
 - b. The significant decrease in intercompany charges to KU during the test year is a result of netting all intercompany billings beginning in August 2007. Prior to August 2007, KU would send an intercompany bill to LG&E and LG&E would send an

intercompany bill to KU. Currently all intercompany charges are netted together to produce one intercompany bill each month.

- c. (1) See Attached.
 - (2) See Attached.

For allocation methodologies, refer to the Cost Allocation Manual filed within the Filing Requirements at Tab 39.

Billed to Kentucky Utilities From Louisville Gas and Electric November 1, 2008 to October 31, 2009

563 Overhead Line Expenses

Attachment to Response to KU KPSC-2 Question No. 16(c)(1) Page 1 of 2 Scott

Billed to Kentucky Utilities From Louisville Gas and Electric November 1, 2008 to October 31, 2009

KU FERC Account	Kentucky	Kentuckv Jurisdictional Electric	Slectric	0	Other Electric		-	Total Electric	
Character BEDC Account Description	Direct	Indirect	Total	Direct	Indirect	Total	Direct	Indirect	Total
565 Transmission Of Flacthrich Rv Others	767.403.86	,	767,403.86	194,010.76	ŀ	194,010.76	961,414.62	•	961,414.62
566 Minoralination Contraction Evanances	17,243.61	•	17.243.61	4,359.43		4,359.43	21,603.04	•	21,603.04
567 Dante	15.512.47		15.512.47	3,921.77	•	3,921.77	19,434.24	•	19,434.24
307 Meintenence Of Station Fourimment	5.208.56		5,208.56	1,316.80	,	1,316.80	6,525.36	•	6,525.36
570 Interintenence OF Duerhead I fines	674.33		674.33	170.48	,	170.48	844.81	•	844.81
572 Medinicitative Of Microflamour Transmission Diant	15 (5)	ı	152.52	38.56	,	38.56	191.08	•	191.08
2/2 INBUTCHARCE OF INTECCINATIONS ITALISTICESING AND FIGURES	71.880.35	2.354.89	74.235.24	4,404.96	144.31	4,549.27	76,285.31	2,499.20	78,784.51
500 Optication Supervision rules regulation and 500 Optication 1 in Francisco	(236.27)	•	(236.27)	(18.20)	•	(18.20)	(254.47)	•	(254.47)
SQA TINDERMINING TIME EXPENSES	0.70		0.70	10.0	•	0.01	0.71	٠	0.71
204 Mater Evenner	1 168 25	•	1.168.25	72.35	,	72.35	1,240.60	•	1,240.60
JOU MICICI EXPUISES 500 Micrallingous Distribution Evanges	45.816.17	1.951.51	47,767.68	2,807.70	119.59	2,927.29	48,623.87	2,071.10	50,694.97
500 Maintenerus Ensurutuur Expenses	6.958.44	•	6,958.44	426.43		426.43	7,384.87	•	7,384.87
507 Manitemarice Je Station Equipment	12.59	ŀ	93.21	7.89	,	7.89	101.10	,	101.10
502 Maintanance Of Overhead Lines	386.737.08	•	386.737.08	29,798.29		29,798.29	416,535.37	•	416,535.37
504 Maintenance OFTInderroring Lines	29.123.21		29,123.21	304.67	,	304.67	29,427.88	ı	29,427.88
504 Maintenance Of University on Lines	18.948.76		18,948.76	969.38		969.38	19,918.14		19,918.14
508 Meintenance Of Miscrellaneous Distribution Plant	316.834.78	1	316,834.78	19,416.21	,	19,416.21	336,250.99	•	336,250.99
	1.760.65	•	1,760.65	100.92	•	100.92	1,861.57		1,861.57
007 Mater Pending Fynanses	1.619.88		1.619.88	92.85		92.85	1,712.73	•	1,712.73
001 Curtamer Beaards And Collection Evnences	(6.63)	15.011.30	15,004.67	(0.38)	860.46	860.08	(10.7)	15,871.76	15,864.75
00. I Incollectible Accounts	347.25	•	347.25	19.90	•	19.90	367.15	·	367.15
008 Customer Accistance Expenses	30.95	ı	30.95	•	•	ļ	30.95	,	30.95
010 Missellaneous Customer Service And Informational Frences	39.206.57	•	39,206.57	37.08	,	37.08	39,243.65		39,243.65
0.0 Administrative And Ceneral Salaries	558.33	3.926.94	4,485.26	67.62	475.62	543.25	625.95	4,402.56	5,028.51
021 Office Cumplian And Examples	(13.031.03)	32,166.07	19,135.04	(1,578.29)	3,895.89	2,317.60	(14,609.32)	36,061.96	21,452.64
0.5 Taining And Damones	34,619.05	•	34,619.05	4,192.99	•	4,192.99	38,812.04	•	38,812.04
0.4 Employee Denricore And Benefits	90.939.70	,	90,939.70	11,014.44	•	11,014.44	101,954.14	,	101,954.14
20 Elliptoyee I clisiolis rule science	100	•	0.01	00.00	•	0.00	0.01	•	0.01
021 Darte	979.877.64	•	979,877.64	118,680.83	·	118,680.83	1,098,558.47	ŀ	1,098,558.47
231 Nettis 035 Maintenence Of General Plant	14.03	131.340.79	131,354.82	1.70	15,907.74	15,909.44	15.73	147,248.53	147,264.26
	30,180,670.86	196,133.46	30,376,804.32	8,110,458.34	23,198.29	8,133,656.63	38,291,129.20	219,331.75	38,510,460.95

Page 2 of 2 Scott Attachment to Response to KU KPSC-2 Question No. 16(c)(1)

Billed to Louisville Gas and Electric from Kentucky Utilities November 1, 2008 to October 31, 2009

KU

FERC

Account FERC Account Description Direct Indirect Total 107 Construction Work In Progress (2085, 5119, 41) (2085, 5119, 41) 108 Accumulated Provision For Depreciation Of Utility Plant (29, 375, 17) (20, 375, 17) (20, 375, 17) 131 Cher Special Deposits 1, 904, 020, 96 1, 904, 020, 96 (20, 375, 17) 131 Other Special Deposits 1, 904, 020, 96 1, 904, 020, 96 (28, 35, 38, 88, 07) - (35, 38, 38, 88, 07) 130 Other Accounts Receivable 15, 914, 536, 23 (58, 39, 9) (51, 57, 31, 12) (57, 31, 12) (57, 31, 12) (57, 31, 12) 153 Nuclear Fuel Assemblies And Components - Stock Account (69, 642, 23) - (12, 90, 12, 14, 50, 23) 163 Stock Expense Undistributed 127, 374, 50 - 127, 374, 50 171 Interest And Dividends Receivable 216, 70 - 216, 70 172 Other Regulatory Assets - (12, 19) - (12, 19) 183 Preliminary Survey And Investigation Charges (6, 00) - (6, 20	FERC	EEBC Account Description	Direct	Indiraat	Total
108 Accumulated Provision For Depreciation Of Utility Plant (29,375,17) - (29,375,17) 131 Cash (78,795,56) - (78,795,56) 134 Other Special Deposits 1,904,020,96 - 1,904,020,96 142 Customer Accounts Receivable 9,558,388,07 - 9,558,388,07 - 9,558,388,07 143 Other Accounts Receivable (15,914,356,23) - (15,703,12) - (17,68,414,27) - (1,768,414,27) - (1,701,12) - (5,703,12) - (5,703,12) - (12,19) - (12,10) -					
111 Cash (78,795.56) - (78,795.56) 134 Other Special Deposits 1,904,020.96 - 1,904,020.96 142 Customer Accounts Receivable 9,558,388.07 - 9,558,388.07 143 Other Accounts Receivable 15,914,356.23 - 15,914,4356.23 144 Accounts Materials And Operating Supplies (1,768,414.27) - (1,768,414.27) 158 Nuclear Fuel Assemblies And Components - Stock Account (69,642.23) - (69,642.23) 163 Stores Expense Undistributed 127,347.50 - 127,147.50 171 Interest And Dividends Receivable 216.70 - 216.70 183 Preliminary Survey And Investigation Charges (6,00) - (6,00) 184 Clearing Accounts 584,320.84 - 584,320.84 - 584,320.84 1283 Accounts Payable 62,929,432.91 - 62,929,432.91 - 62,929,432.91 - 52,94,620.52 213 Customer Deposits (200,000.00) - (200,000.00) - (200,000.00) - (20,000.00) - (20,000.00) - (20,000.00) - (21,62,52 - 5,591.96					
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154 Plant Materials And Operating Supplies (5,703,12) - (5,703,12) 158 Nuclear Fuel Assemblies And Components - Stock Account (69,642,23) - (69,642,23) 163 Stores Expense Undistributed 127,374,50 - 127,347,50 171 Interest And Dividends Receivable 216,70 - (12,19) - (12,19) 183 Preliminary Survey And Investigation Charges (6,00) - (6,00) 184 Clearing Accounts 584,320,84 - 584,320,84 186 Miscellaneous Deferred Debits 27,570,91 - 27,570,91 - 27,570,91 228.3 Accounts Payable 62,929,432,91 - 62,929,432,91 - 62,929,432,91 235 Customer Deposits (200,000,00) - (200,000,00) - (200,000,00) 236 Taxes Accrued 5,118,20 - 5,118,20 - 5,118,20 237 Interest Accrued (4,168,55) - (4,168,55) - (4,168,55) 241 Tax Collections Payable 5,591,96 - 55,591,96 - 55,591,96 253 Other Deferred Credits 5,992,013,90 - 740,988,69 -				-	
158 Nuclear Fuel Assemblies And Components - Stock Account (69,642.23) - (69,642.23) 163 Stores Expense Undistributed 127,347.50 - 127,347.50 171 Interest And Dividends Receivable 216.70 - 216.70 182.3 Other Regulatory Assets (12.19) - (12.09) 183 Preliminary Survey And Investigation Charges (6.00) - (6.00) 184 Clearing Accounts 584,320.84 - 584,320.84 186 Miscellaneous Defored Debits 27,570.91 - 27,570.91 228.3 Accounts Payable 62,229,432.91 - 62,929,432.91 235 Customer Deposits (200,000.00) - (200,000.00) 236 Taxes Accrued 5,118.20 - 5,919.66 237 Interest And Dividend Income 5,929.103.90 - 5,992.013.90 241 Taxe Collections Payable 5,559.19.66 - 7,424.66 241 Taxe Collections Payable 5,929.013.90 - 5,992.013.90 255 Store Expense (1,446.52) <t< td=""><td></td><td></td><td></td><td>-</td><td>• • • •</td></t<>				-	• • • •
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547 Fuel (7,190,830.61) - (7,190,830.61)			. ,	-	· · ·
				-	
548 Generation Expenses(99,290.97)-(99,290.97)				-	
	548	Generation Expenses	(99,290.97)	-	(99,290.97)

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Billed to Louisville Gas and Electric from Kentucky Utilities November 1, 2008 to October 31, 2009

KU

FERC

Account	FERC Account Description	Direct	Indirect	Total
	Miscellaneous Other Power Generation Expenses	7,162.27	-	7,162.27
	Maintenance Supervision And Engineering	15,808.31	-	15,808.31
	Maintenance Of Structures	16,183.09	-	16,183.09
553	Maintenance Of Generating And Electric Equipment	(998,286.82)	-	(998,286.82)
	Maintenance Of Miscellaneous Other Power Generation Plant	133,272.93	-	133,272.93
	Purchased Power	(47,864,085.58)	-	(47,864,085.58)
556	System Control And Load Dispatching	(108.57)	(3,196.40)	(3,304.97)
	Other Expenses	(11,945.09)	-	(11,945.09)
	Operation Supervision And Engineering	-	(2,780.86)	(2,780.86)
	Load Dispatching	(6.56)		(6.56)
	2 Station Expenses	(9,965.92)	-	(9,965.92)
	Overhead Line Expenses	(232.94)	-	(232.94)
	Transmission Of Electricity By Others	(743,443,27)		(743,443.27)
	Miscellaneous Transmission Expenses	(5,241.57)	(60.64)	(5,302.21)
	Rents	(13,881.60)	-	(13,881.60)
	Maintenance Of Station Equipment	(16,154.06)	_	(16,154.06)
	Maintenance Of Station Equipment	(10,194.00)	_	(10,154.00) (287.92)
	Maintenance Of Miscellaneous Transmission Plant	(781.31)	-	(781.31)
	Operation Supervision And Engineering	(24,371.29)	(1,553.39)	(25,924.68)
	2 Station Expenses	(14,689.48)	(1,555.57)	(14,689.48)
	Overhead Line Expenses	(4,185.06)	-	(4,185.06)
			-	., ,
	Meter Expenses	(919.67) (2,650.92)	_ (2,430.79)	(919.67)
	Miscellaneous Distribution Expenses	• • •		(5,081.71)
	Maintenance Of Station Equipment	(12,033.41)	-	(12,033.41)
	Maintenance Of Overhead Lines	454,826.92	-	454,826.92
	Maintenance Of Line Transformers	(25,896.85)	-	(25,896.85)
	Maintenance Of Miscellaneous Distribution Plant	5,944.41	-	5,944.41
	Supervision	(1,799.81)	-	(1,799.81)
	Meter Reading Expenses	(1,691.23)	-	(1,691.23)
	Customer Records And Collection Expenses	(16,099.95)	(9,756.74)	(25,856.69)
	Uncollectible Accounts	423.51	-	423.51
	Miscellaneous Customer Accounts Expenses	(718.30)	-	(718.30)
	Customer Assistance Expenses	(42.77)	-	(42.77)
	Miscellaneous Customer Service And Informational Expenses	6,760.38	-	6,760.38
920	Administrative And General Salaries	(754.99)	(533.83)	(1,288.82)
	Office Supplies And Expenses	38,194.25	(30,541.31)	7,652.94
	Outside Services Employed	53.52	(299.30)	(245.78)
	Injuries And Damages	(30,075.27)	-	(30,075.27)
926	Employee Pensions And Benefits	(73,100.73)	-	(73,100.73)
930.2	Miscellaneous General Expenses	725.55	-	725.55
931	Rents	(767,619.91)	-	(767,619.91)
025	No. in the off Commonly Plant	8,584.33	(118,542.76)	(109,958.43)
935	Maintenance Of General Plant	0,504.55	(110,512.70)	(107,750.45)

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 17

Responding Witness: Robert M. Conroy

- Q-17 Refer to page 7 of the Direct Testimony of Victor A. Staffieri ("Staffieri Testimony"). Provide the calculation of an average residential electric bill at current and proposed rates based on 1,230 kWh of electricity.
- A-17. The calculation of the average residential electric bill at current and proposed rates is shown in the attachment. The data used is contained on page 1 of 14 of Seelye Exhibit 7.

cttachment to Response to KU KPSC-2 Question No. 17 Page 1 of 1 Conroy

	(2)	Calculated Revenue at Proposed Rates	75,288,615	405,250,212	(1cc.)uc1) 480,388,276 0.999999977		10,345,217 3,467,853 (4,251,456) 2,693,074	492,642,976	58,746,914 13.54%		407 647 976		Attach
	(9)	Proposed Rates	\$ 15.00 \$	\$ 0.06566	6 6	•		6			ι. Γ		
	(5)	Calculated Revenue at Present Rates	\$ 25,096,205	396,486,044		¢	\$ 10,345,217 3,467,853 (3,729,851) 2,362,665	\$ 433,896,063			€ 133 006 063		
	(4)	Present Rates	\$ 5.00	\$ 0.06424	1 1			F II			I	HWX	
	(3)	Total KWH		6,171,949,620	Total Calculated at Base Rates Correction Factor	correction Factor	Ę				6,171,949,620	1,230	
NY d October 31, 2009	(2)	Bills	5,019,241		Total Calculat	Total After Application of Correction Factor	rma for rollin rollin -End Customers perature Normalizatio		Percentage Increase	ial Electric Bill	5,019,241	(2) / (1) (3) / (1) row (5) [Col (7) - Col (5)]	
KENTUCKY UTILITIES COMPANY Calculations of Proposed Rate Increase Based on Sales for the 12 months ended October 31, 2009	(1)	I	RESIDENTIAL RATE RS Customer Charges	All Energy	Minimum Energy	Total A	Fuel Clause Billings - proforma for rollin ECR Billings - proforma for rollin Adjustment to Reflect Year-End Customers Adjustment to Reflect Temperature Normalization	Total	Proposed Increase	Calculation of Average Residential Electric Bill		 (3) I otal Kevenue (4) Average Usage (5) Average Bill (5) Average Bill Increase 	

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 18

Responding Witness: Butch Cockerill

Q-18. Refer to page 8 of the Staffieri Testimony. Provide the most recent J.D. Power & Associates customer satisfaction survey results for KU and LG&E.

A-18. J.D. Power & Associates 2009 Electric Residential Study – Top 5 Ranking Midwest Midsize Utilities:

- 1. Omaha Public Power District (693)
- 2. Kentucky Utilities (660)
- 3. Indianapolis Power & Light (645)
- 4. Louisville Gas & Electric (635)
- 5. Wisconsin Public Service (623)

Surveys were conducted <u>online</u> in four waves from July 25, 2008 until May 28, 2009 among 79,552 residential electric utility customers throughout the United States. The 121 electric utility brands surveyed collectively represent more than 92 million households.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

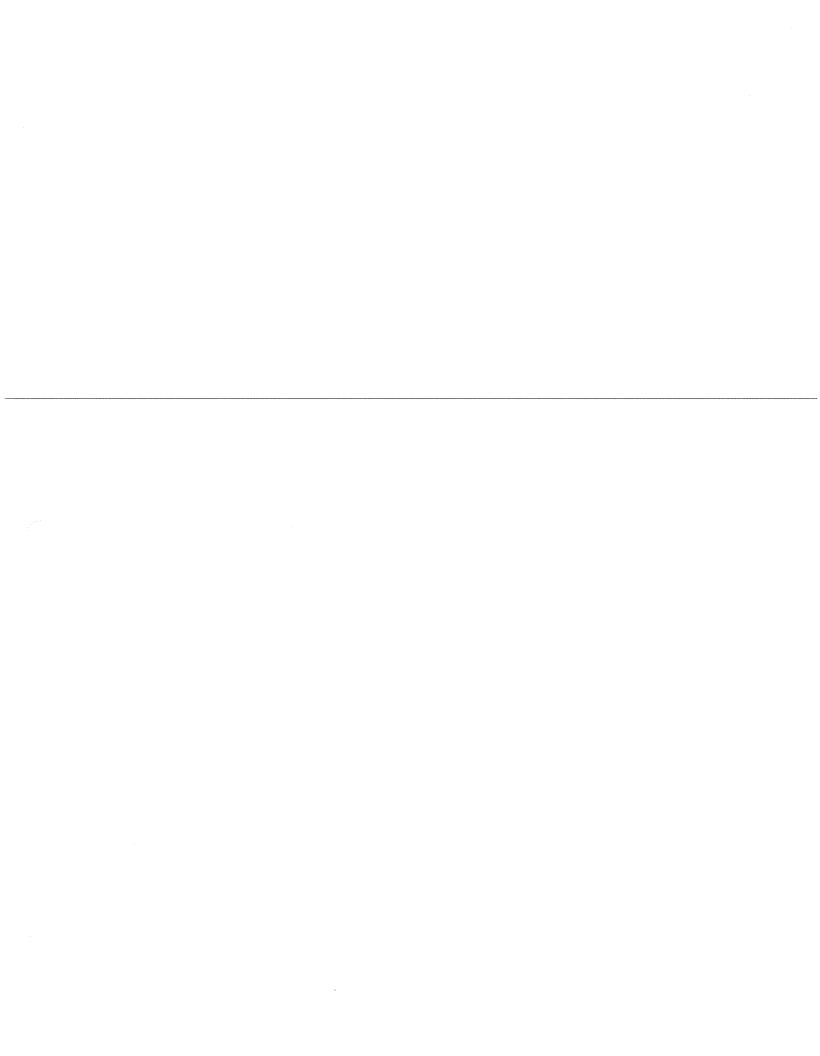
Question No. 19

Responding Witness: Paul W. Thompson

- Q-19. Refer to pages 9 10 of the Direct Testimony of Paul W. Thompson ("Thompson Testimony") concerning the fuel and purchase power offsets from Trimble County 2 ("TC2"). Provide the calculations of the amounts of \$67 million for TC2's first year of operation and \$80 million for 2012.
- A-19. Please see the attached schedule, which shows the origin of the \$67 million for 2011 and \$80 million for 2012. The partial year 2010 is also shown on the schedule.

The calculations were derived by running the production modeling tool PROSYM with and without TC2. The savings with TC2 versus without is from lower fuel costs and less power purchased.

			Delta due to:				
		Fuel	Pre-Merger Purchase	Mkt Purchase	Total Delta	FAC-related It	ems
2010	1	-	-	-	-		-
	2	-	-	-	-		-
	3	-	-	-	-		-
	4	-	-	-	-		-
	5	-	•	-	-		-
	6	1	-	-	1		1
	7	3,882	408	3,646	7,844	7	7,935
	8	3,096	380	3,922	7,395	7	7,398
	9	1,563	203	1,548	3,530		3,314
	10	986	315	1,506	3,022		2,807
	11	1,026	71	503	1,572	1	1,600
	12	6,702	206	2,213	8,901	9	9,121
	Total	17,256	1,583	13,337	32,267	32	2,177
2011	1	3,852	444	1,380	5,893	5	5,676
	2	3,909	369	2,077	6,420	6	5,356
	3	3,084	532	2,008	5,792	5	5,624
	4	3,372	498	2,851	6,770		5,721
	5	2,122	153	1,903	4,516	4	4,177
	6	2,997	293	1,440	4,785	4	4,730
	7	4,191	414	3,383	7,938		7,988
	8	4,096	325	2,884	7,283		7,306
	9	1,835	131	1,238	3,416		3,204
	10	734	115	449	1,399		1,297
	11	2,790	532	3,245	6,568	(6,567
	12	5,223	410	2,072	7,783		7,705
	Total	38,205	4,216	24,931	68,564	67	7,352
2012	1	4,189	544	1,727	6,563		6,460
	2	6,207	473	3,425	9,966	10	0,105
	3	5,240	572	4,306	9,849	10	0,118
	4	2,852	567	2,236	5,658		5,655
	5	2,022	346	1,288	3,869		3,656
	6	3,665	376	1,820	5,860		5,861
	7	4,655	406	5,626	10,570	1	0,686
	8	4,659	428	5,517	10,497	1	0,604
	9	2,550	447	1,678	4,819		4,676
	10	764	236	830	1,873		1,829
	11	1,021	388	1,670	3,186		3,079
	12	5,087	538	2,279	7,974		7,904
	Total	42,911	5,320	32,402	80,685	8	0,632



CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 20

Responding Witness: Paul W. Thompson

- Q-20. Refer to the discussion on page 10 of the Thompson Testimony concerning the 22.6 percent reserve margin now projected at the time TC2 begins commercial operation compared to the 19.3 percent reserve margin that was projected at the time a Certificate of Public Convenience and Necessity was granted by the Commission for the construction of TC2. Provide a schedule showing the calculations of each of these reserve margin percentages.
- A-20. Please see the attached schedule.

Attachment to Response to KU KPSC-2 Question No. 20

Page 1 of 1

Thompson

			inomp
PWT Testimony	TC2 CPCN		
	(2005 IRP)	Difference	
6,910	7,383	-473	
-225	-119	-106	
6,685	7,264	-580	
7,464	7,549	-85	
179	179	0	
0	200	-200	
0	191	-191	
7,643	8,119	-476	
958	854	104	
14.3%	11.8%	2.6%	······
549	549	0	
8,192	8,668	-476	
1,507	1,403	104	
22.6%	19.3%	3.2%	
-572	-386	-185	
	6,910 -225 6,685 7,464 179 0 0 7,643 958 14.3% 549 8,192 1,507 22.6%	(2005 IRP) 6,910 7,383 -225 -119 6,685 7,264 7,464 7,549 179 179 0 200 0 191 7,643 8,119 958 854 14.3% 11.8% 549 549 8,192 8,668 1,507 1,403 22.6% 19.3%	(2005 IRP) Difference 6,910 7,383 -473 -225 -119 -106 6,685 7,264 -580 7,464 7,549 -85 179 179 0 0 200 -200 0 191 -191 7,643 8,119 -476 958 854 104 14.3% 11.8% 2.6% 549 549 0 8,192 8,668 -476 1,507 1,403 104 22.6% 19.3% 3.2%

* Difference is explained by the retirement of Tyrone 1 and 2 (58MW) and Waterside 7 and 8 (22MW) as well as the addition of FGD/SCR-related derates.

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 21

Responding Witness: Paul W. Thompson

- Q-21. Refer to the discussion on page 10 of the Thompson Testimony concerning the reduction in the annual peak load hour as a result of the DSM programs of KU and LG&E. Provide the amount of the peak load reduction for the 2009 summer peak hour for KU and for KU and LG&E on a combined basis.
- A-21. The 2009 combined KU and LG&E summer peak was set at 6,367MWs on August 10, the hour beginning at 3:00 PM. Each of the various DSM programs contribute to various levels of demand reduction via energy audits, weatherization efforts, new construction standards, or changes in residential or commercial lighting. While the full demand reduction created by these DSM programs is difficult to calculate due to the uncertainty in customer behaviors at the time of peak, the total system load reduction associated with the Direct Load Control program was estimated to be 103MWs during this peak hour. This reduction was created by the deployment of 140,000 load control devices (77,000 LG&E; 63,000 KU) across the Companies' service territory. Each of these devices contributes ~1kW reduction on control events with temperatures above 97 degrees Fahrenheit. The temperature at the time of the 2009 peak was 90 degrees in LG&E and 89 degrees in KU.

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 22

Responding Witness: Paul W. Thompson

- Q-22. Refer to the discussion of Equivalent Forced Outage Rates ("EFOR") on page 13 of the Thompson Testimony. Mr. Thompson compares KU's and LG&E's test year EFOR rates with the most recent three-year national average.
 - a. Identify the source of the three-year national average and the three years on which the average of 8.32 percent was based.
 - b. Provide the three-year averages for KU and LG&E for the same three years identified in response to part a. of this request.
- A.22. a. The source of the three year national average of 8.32 percent was the Reliability First Corporation (RFC) region of the North American Electric Reliability Council (NERC) reliability data base for the years 2005-2007. The RFC region is chosen since it is the region that best approximates the E.ON-US fleet of coal-fired units from a size, age, and scrubbing perspective. The average Equivalent Forced Outage Rate (EFOR) provided for the RFC region is based on EFOR for coal-fired units between 100-200 Mw, 200-500 Mw, and 500-1,000 Mw in the RFC region, with an overall weighted average capacity EFOR provided that is based on the mix of the units that E.ON-US has in its fleet relative to the three Mw size ranges.
 - b. The three-year averages for LG&E and KU for 2005-2007 are 5.7% and 6.0% respectively.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 23

Responding Witness: Paul W. Thompson

- Q-23. Refer to the discussion of capacity factor trends on page 13 of the Thompson Testimony. Since 2005, KU's and LG&E's factors are 66 and 78 percent, respectively.
 - a. Provide the annual capacity factors for KU since 2005 as well as its test year capacity factor.
 - b. Provide a general description of the factors that cause KU's capacity factor average to be less than 85 percent of LG&E's average.
- A-23. a. The KU steam capacity factors are as follows:

2005	67.5%
2006	66.4%
2007	69.1%
2008	71.7%
Test Year Ended 10/31/09	60.3%
2009	58.1%

b. KU's steam capacity factor has historically been below that of LG&E's factor due to the KU fleet not being nearly as scrubbed for SO₂ as that of LG&E. The nonscrubbed (KU) units have historically burned a lower sulfur coal that over time has been more costly than higher sulfur coal, resulting in the LG&E units generally being dispatched before the KU units. With the addition of the Ghent and Brown scrubbers, along with the large KU ownership percentage of TC2, the capacity factors of LG&E and KU should be much closer to each other in the future. r

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

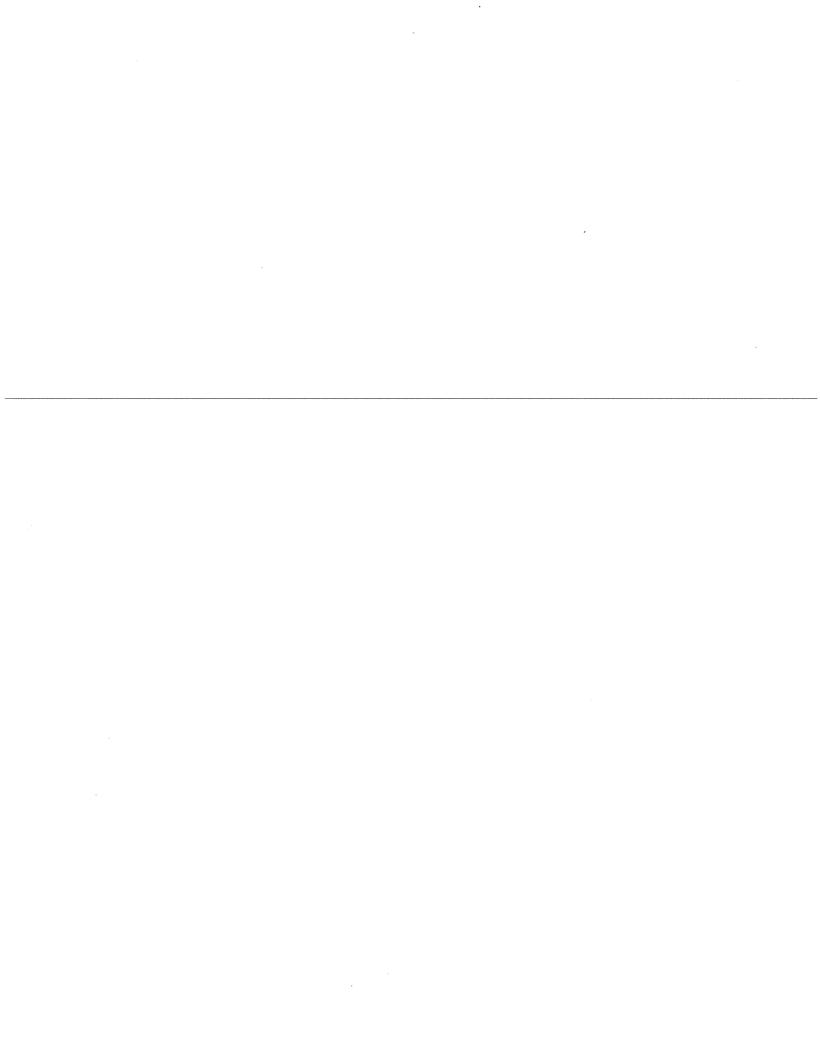
Question No. 24

Responding Witness: Paul W. Thompson

- Q-24. Refer to page 15 of the Thompson Testimony, specifically, the discussion of the reserve sharing arrangement entered into effective January 1, 2010 with East Kentucky Power Cooperative, Inc. and the Tennessee Valley Authority, under which KU and LG&E must maintain 201 MW of capacity reserves. Provide the term (length) of the arrangement and explain whether the reserve requirement of 201 MW is subject to change over that term.
- A-24. The effective date of the Agreement is January 1, 2010 and continues in effect in successive one year periods thereafter. A Party's participation in the Agreement may be terminated during the term by providing a six month prior notice. A Party's participation in the Agreement can also be terminated for other various causes, such as, a party failing to meet any of the standards of performance required under the Agreement.

The Contingency Reserve Requirement (CRR) is subject to change over the term of the Agreement. Events that trigger a change in CRR include changes in: 1.) load ratio share, 2.) Most Severe Single Contingency, 3.) Transmission Reliability Margin (TRM), or 4.) a Party's performance.

LG&E/KU's CRR was 201 MWs on January 1, 2010 and changed to 233 MWs on January 29, 2010.



CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 25

Responding Witness: Paul W. Thompson

- Q-25. Refer to Thompson Exhibit 4, which shows the combined annual energy requirements forecast for KU and LG&E for the period 2010 to 2039. Provide the actual annual combined energy requirements of KU and LG&E for the period 2005 through 2009.
- A-25. The energy requirements are listed below.

	Energy Requi	rements (GW	h)
Year	KU · · · · · ·	G&E	C C
2005	22,354.35	13,022.25	35,376.60
2006	22,013.63	12,724.27	34,737.90
2007	22,992.57	13,394.66	36,387.23
2008	22,510.71	12,802.24	35,312.94
2009	21,492.30	12,107.40	33,599.70

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 26

Responding Witnesses: Chris Hermann/Valerie L. Scott

- Q-26. Refer to the discussion on pages 8 13 of the Direct Testimony of Chris Hermann ("Hermann Testimony") regarding the restoration associated with the September 2008 windstorm and the 2009 winter storm. For the \$4.7 million and \$92 million, respectively, in restoration costs incurred by KU for the 2008 and 2009 storms, provide the following information.
 - a. The final amounts capitalized and charged to expense.
 - b. The costs incurred for (1) materials, (2) internal labor, and (3) outside labor.
 - c. For the outside labor costs, a schedule which identifies each company or entity that performed restoration work, the amount it charged KU for its work, and the hours it reported as having worked.
 - d. Given the circumstances associated with a major storm event, explain how KU insures that the amounts it is charged for restoration work performed by third-party contractors is reasonable and/or reflective of the "market" for such work.
- A-26. a. See table shown below for total amounts capitalized and charged to expense as of January 31, 2010.

	Capitalized	Expensed	Total
(\$ in thousands)	Amount	Amount	
2008 Wind Storm ⁽¹⁾	1,484	3,227	4,711
2009 Winter Storm ⁽²⁾	33,172	59,857	93,029
Total ⁽³⁾	34,656	63,084	97,740
 Out of the amount expensed, \$ Out of the amount expensed, \$ All 2009 Winter storm restorat include \$198,680 in charges ac 2010. 	57,237 was deferred as a ion work was completed	regulatory asset. as of December 31, 2009.	

- b. See attachment for cost incurred for materials, internal labor, and outside labor included in the amounts above.
- c. Hours worked for outside labor are not readily available. See attachment for vendors and amounts charged to KU for storm restoration work.
- d. The Company reviews invoices prior to payment to ensure amounts billed conform to contract terms and work performed as part of the restoration effort. The Company primarily hires contractors with which current, competitively bid contractual agreements exist and other utilities per mutual aid agreements that are generally based on established wages and equipment rates of the participating companies. In these two extreme events, additional contractors with whom a previous relationship was not established were contracted out of necessity. A general services agreement at market rates was established at that time. The costs varied depending on many factors including distance from the restoration area, union status, regional demand for resources, etc.

2	2008 Windsto	rm Costs	
	(\$ in Thou	sands)	
Category	<u>Capital</u>	<u>Expense</u>	<u>Total</u>
(1) Materials	536	30	566
(2) Internal Labor	421	1,253	1,674
(3) Outside Labor	427	1,364	1,791

2009 Winter Storm Costs (\$ in Thousands)

	(5 in 1 nou	sands)	
Category	Capital	Expense	<u>Total</u>
 (1) Materials	6,144	943	7.087
~ /			
(2) Internal Labor	1,876	6,411	8,287
(3) Outside Labor	24,859	48,972	73,831
(-) -			

	Total Co	osts	
	(\$ in Thou	sands)	
Category	<u>Capital</u>	Expense	<u>Total</u>
(1) Materials	6,680	973	7,653
(2) Internal Labor	2,297	7,664	9,961
(3) Outside Labor	25,286	50,336	75,622

2008 W	ind Storm
Outside	Labor Cost

Vendor		Amount
ASPLUNDH TREE EXPERT CO	\$	70,815
BRAY ELECTRIC SERVICES INC		2,731
C & S H INC		1,562
CHU CON INC		4,837
COMMERCIAL WASTE		415
DAVIS H ELLIOT COMPANY INC		48,476
DONNIE JONES LAWN CARE LLC		8,759
EARLY ENVIRONMENTAL CONTRACTING LLC		5,682
ELECTRIC TECHNOLOGIES INC		11,741
ENVIRONMENTAL CONSULTANTS INC (FORESTRY)		18,054
HAMBY CONSTRUCTION INC		5,862
 HENDRIX ELECTRIC INC		13,073
HOPKINSVILLE ELECTRIC SYSTEM		7,768
JUST ENGINEERING AND INSPECTION SERVICES		6,008
KCPL		190,880
KENTUCKY STATE TREASURER		57
MOORE SECURITY LLC		1,276
NELSON TREE SERVICE INC		119,845
OHIO COUNTY BALEFILL INC		1,655
PHILLIPS TREE EXPERTS INC		83,373
PIKE ELECTRIC INC		99,289
SERCO INC		17,682
TODAYS OFFICE PROFESSIONALS		117
TOWNSEND TREE SERVICE COMPANY INC		186,952
TPM INC		164,990
TRU CHECK INC		77,746
WESTAR ENERGY INC		311,423
WILLIAM E GROVES CONSTRUCTION INC		308,923
WILLIS LANE CONSTRUCTION CO INC		9,212
WOODS BROTHERS EXCAVATING		425
WRIGHT TREE SERVICE INC		11,342
TOTAL	S	1,790,970

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2009 Winter Storm Outside Labor Cost

Vendor	Amount 400	,
A 1 SANITARY RENTAL LLC	\$ 490	
AND M OIL CO	31,660	
AEROTEK INC	261,571	
AETNA BUILDING MAINTENANCE INC	139	
AGE ENGINEERING SERVICES INC	2,598	
ALABAMA POWER COMPANY	733,807	
AMERICAN ELECTRIC POWER	92,860	
ASPLUNDH CONSTRUCTION CORP	659,227	
ASPLUNDH TREE EXPERT CO	1,944,538	
B AND B ELECTRIC CO INC	1,271,439	
BOWLIN ENERGY LLC	766,641	
BRAY ELECTRIC SERVICES INC	212,641	
BROWN WOOD PRESERVING CO INC	1,417	
BROWNSTOWN ELECTRIC SUPPLY CO INC	96,310	
CC POWER LLC	2,818,656_	
C & S H INC	3,486	
C E POWER SOLUTIONS LLC	54,200	
C R CABLE CONSTRUCTION INC	6,713	
CATERING CAJUN INC	3,077,964	
CHU CON INC	68,760	
CITY LIGHTS ELECTRICAL CO INC	532,725	
CLECO POWER LLC	1,220,287	
COLOURS 2000	13,070	
COMED	226,102	
COMMERCIAL WORKS	16,932	
CW WRIGHT CONSTRUCTION CO INC	1,844,285	
DAUGHERTY TRUCKING SERVICE INC		
DAVIS H ELLIOT COMPANY INC	110,833	
DILLARD SMITH CONSTRUCTION COMPANY	4,253,010	
	2,079,961	
DOMINION VIRGINIA POWER	360,536	
DONNIE JONES LAWN CARE LLC	55,492	
DOZIT COMPANY INC	4,687	
DTE ENERGY COMPANY	659,018	
DUQUESNE LIGHT CO	211,867	
E AND R INC	579,503	
EARLY ENVIRONMENTAL CONTRACTING LLC	44,981	
EAST KENTUCKY POWER COOPERATIVE INC	9,734	
ELECTRIC TECHNOLOGIES INC	134,538	
EMERGENCY DISASTER SERVICES	5,778,254	
ENVIRONMENTAL CONSULTANTS INC (FORESTRY)	209,950	
ERMCO	40,320	
EVANS CONSTRUCTION CO INC	327,209	
FALCO ELECTRIC INC	268,501	
FIRST ENERGY	832,485	
GAYLOR INC	500,093	
GRADY WHITE CONSTRUCTION INC	2,870	
IAMBY CONSTRUCTION INC	41,655	
IELICOPTER MINIT MEN INC	14,446	
IENDRIX ELECTRIC INC	210,305	
RBY CONSTRUCTION CO	328,702	
Y LEGNER ASSOCIATES INC	2,983	
F ELECTRIC INC	2,757,223	
F ELEU I KIU INU.		

2009 Winter Storm Outside Labor Cost

Vendor	Amount
ST ENGINEERING AND INSPECTION SERVICES	271,152
/ DIDADO ELECTRIC INC	3,620,920
ENTUCKY STATE TREASURER	48,110
LE MYERS	656,613
LEE ELECTRICAL CONSTRUCTION INC	1,686,854
LUSK GROUP	21,150
MARYVIEW FARMS	950
MASTEC NORTH AMERICA INC	1,155,530
MICHELS POWER	1,513,868
MILLER PIPELINE CORP	8,745
MJ ELECTRIC LLC	3,565,438
MUHLENBERG COUNTY FISCAL COURT	10,033
NELSON TREE SERVICE INC	1,351,849
OFF DUTY POLICE SERVICES INC	103,383
OHIO COUNTY BALEFILL INC	
PEACH PROPERTIES	3,135
PHILLIPS TREE EXPERTS INC	800,806
PIKE ELECTRIC INC	8,114,570
PROGRESS ENERGY CAROLINAS INC	1,063,848
PS ENERGY GROUP INC	572,690
QUALITY LINES INC	481,490
R AND K CONTRACTING LLC	25,489
RJ CORMAN DERAILMENT SERVICES LLC	22,391
REED UTILITIES CO	28,162
RITCHIE EXCAVATING	285
RIVER CITY CONSTRUCTION INC	162,555
RUBY FAYES BAR B QUE	1,901
SAE TOWERS LTD	5,450
SERCO INC	133,524
SOLOMON CORP	
SUDMON CORF	22,500
SUMMER UTILITIES INC	65,002
TOWELS AND MORE SOLUTIONS INC	2,380,702
	4,100
TOWNSEND TREE SERVICE COMPANY INC	1,018,376
TPM INC	698,319
TRANSFORMER DECOMMISSIONING LCC	9,166
TRI COUNTY WASTE DISPOSAL INC	2,181
TRU CHECK INC	254,620
UC SYNERGETIC INC	1,459,590
US ECOLOGY NEVADA INC	16,145
UTEC CONSTRUCTION INC	189,842
UTILITY LINES CONSTRUCTION SERVICES INC	498,919
WASTE MANAGEMENT OF KENTUCKY LLC	1,803
WESTAR ENERGY INC	853,605
WIGLESWORTH, RALPH E	150
WILHOD INC	93,105
WILLIAM E GROVES CONSTRUCTION INC	2,412,806
WILLIAMS ELECTRIC COMPANY	225,068
WILLIS LANE CONSTRUCTION CO INC	58,605
WOLF TREE INC	341,730
WRIGHT TREE SERVICE INC	1,984,879
TOTAL	\$ 73,831,055

Response to Question No. 27 Page 1 of 2 Hermann

KENTUCKY UTILITIES COMPANY

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 27

Responding Witness: Chris Hermann

- Q-27. Refer to page 16 of the Hermann Testimony, specifically, the discussion of the Customer Care Solution ("CCS") system.
 - a. The testimony indicates that the CCS system was fully implemented in April 2009. Mr. Hermann states that the investment in CCS was "[a]bout \$83 million as of October 31, 2009." Provide the level of investment made since April 2009 and explain why additional investment was necessary after the system was fully implemented.
 - b. If additional investment has been made since October 31, 2009, provide the amount and explain why further investment was needed more than six months after the system was fully implemented.
 - c. Provide the name of the software installed in the CCS system, the vendor from whom the software was purchased, and a description of the process that LG&E and KU undertook in making their selection of software and vendor.
- A-27. a. The total level of investment by the Companies since April 2009 is approximately \$4 million, which was included in the "about \$83 million" stated in Mr. Hermann's testimony. This represents payments to consulting vendors for true-up of final months worked; initial support and issue resolution, consistent with other IT implementations; knowledge transfer and the creation of a CIS Archive Database system for historical data.
 - b. The original CCS investment project has been closed, and no additional investment made since October 31, 2009. New projects have been opened to incorporate additional functionalities with only very minor amounts expended since February 1, 2010.
 - c. The software installed is SAP Industry Solution Utilities, Ventyx Service Suite and Neptune Field Net. The SAP software is licensed through an agreement between E.ON AG and SAP AG. The other two products were purchased from the named vendors. E.ON U.S. engaged Accenture to lead in the analysis of the leading

customer systems deployed in the North American utility market. The options identified for review were SAP's Customer Care and Service solution (CCS) and SPL WorldGroup's Customer Care and Billing solution (CC&B). In an analysis of the options, SAP outperformed SPL in the evaluation. Additionally, SAP's presence in the US market was growing rapidly and was being chosen by most large utilities planning to replace their CIS. SAP had also recently been ranked #1 in the Utilipoint International CIS Survey for large investor-owned utilities.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 28

Responding Witness: Valerie L. Scott/William Steven Seelye

- Q-28. Refer to Exhibit 1, Reference Schedule 1.00 of the Direct Testimony of S. Bradford Rives ("Rives Testimony"), which shows the adjustment to unbilled revenue. The Uniform System of Accounts ("USoA") for electric utilities provides, at the utility's election, for recording unbilled revenues in Account 173, Accrued Utility Revenues. If a utility records unbilled revenue, the USoA requires it to also record unbilled expenses.
 - a. Explain why KU did not make an adjustment to unbilled expenses in conjunction with the adjustment to unbilled revenues.
 - b. If KU did not record unbilled expenses, explain why.
 - c. Describe KU's accounting for revenues and the cost of fuel for the production of power. Specifically, address whether there is a mismatch of revenues and expenses in the general ledger after KU records unbilled revenue.
- A-28.
- The Company has historically removed the unbilled revenues in the calculation of a. rates as approved in KU's last base rate case, Case No. 2008-00251 as well as Case No. 2003-00434 and LG&E's last base rate case, Case No. 2008-00252, as well as Case No. 2003-00433, Case No. 2000-080, and Case No. 90-158. Accrued expenses were not removed in any of these cases. In its Order in Case No. 2003-00434, the Commission recognized that the revenues eliminated by LG&E's adjustment included the recovery of environmental surcharge, fuel clause, and demand-side management costs that are removed from test year operating results through various other adjustments. In that case, as in this one, the Company has proposed adjustments for those and other factors that impact the calculation of unbilled revenues, such as changes in the number of customers, to properly normalize for those factors. In its Order, the Commission recognized that any mismatch is adequately mitigated by the various normalization adjustments included in the Company's application. Since the Company made similar adjustments in this case and such adjustments are consistent with the Commission's previous orders, the Company did not propose to remove unbilled expenses from test year operations following the removal of the unbilled revenues.

- b. The Company did not accrue any "unbilled expenses" in concurrence with recording unbilled revenues. However, the Company follows accrual-basis accounting and accordingly records liabilities for all goods and services received in each accounting period. Using this accrual-basis method, each 12-month period contains 12 months worth of expenses.
- c. For book purposes all revenues and expenses, including unbilled revenues and costs of fuel, are accrued in the month revenues are earned and expenses are incurred. This accrual process results in recording a net unbilled base rate revenue in the Company's books. By including the net unbilled base rate revenue in the test period, a better matching of the test year's revenue with the twelve months of expenses booked in that period is achieved. However, the objective is to set rates for a future period. Since unbilled revenues are not estimated for each rate class, calculating the billing determinants based on total (billed plus unbilled) revenue, is not possible. Thus, the billing determinants used to develop the proposed electric rates must be based on the actual as-billed data, necessitating the unbilled adjustment. This sets base rates at the appropriate going forward level.

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 29

Responding Witness: Robert M. Conroy

- Q-29. Refer to Exhibit 1, Reference Schedule 1.07 of the Rives Testimony and page 5 of the Direct Testimony of Robert M. Conroy ("Conroy Testimony").
 - a. The text on page 6 of the Conroy Testimony states that "KU performed the adjustment in a manner generally consistent with the methodology prescribed by the Commission's Order on rehearing in Case No. 98-474, "... however, total off-system sales revenues, inclusive of Intercompany sales, are used in the calculation." Identify and describe all aspects of the proposed adjustment that cause it to be "generally consistent" rather than "entirely consistent" with the methodology previously prescribed by the Commission.
 - b. Reference Schedule 1.07 uses an average environmental surcharge factor of 9.52 percent to calculate the off-system sales environmental cost. Explain whether this is a "simple average" of the surcharge factors in column 2 of the schedule or a "weighted average" derived by multiplying the monthly amounts in column 1 by the factors in column 2, summing the results, and dividing that sum by the test year total in column 1.
 - c. If the calculation of the adjustment is based on the "simple average" of the monthly surcharge factors in column 2 of the schedule, explain why this was done and provide a revised version of the calculation using the weighted average approach described above.
- A-29. a. Reference Schedule 1.07 calculates the adjustment to off-system sales revenues to recognize environmental costs associated with those sales. The adjustment is calculated using total off-system sales revenues, in contrast with the methodology adopted by the Commission in Case No. 98-474, where intercompany revenues were excluded from off-system sales revenues.

In Case No. 2003-00434, KU revised its Rives Exhibit 1, Reference Schedule 1.05 to appropriately include intercompany revenues in the determination of the adjustment to off-system sales revenues. This revised adjustment was explained in KU's supplemental response to Question No. 54 of the Initial Data Request of the Kentucky

Industrial Utilities Customers and on pages 37 and 38 of Mr. Seelye's rebuttal testimony.

In its June 30, 2004 Order in that case, the Commission found the revised adjustment to be reasonable and accepted it, as stated in general terms on pages 24 and 25, and specifically on page 2 of Appendix F. Therefore, KU's adjustment on Schedule .1.07 is "generally consistent" with the Commission's Order in Case 98-474 and "entirely consistent" with the Commission's Order in Case No. 2003-00434. When preparing this same adjustment in KU's prior rate case, Case No. 2008-00251, the Companies inadvertently utilized the methodology presented in the original filing in Case No. 2003-00434 instead of the revised version from Mr. Seelye's rebuttal testimony. Because Case No. 2008-00251 was ultimately settled, the issue was not addressed in that case.

Please see the attached copies of the relevant portions of the documents referenced in this response.

- b. The average environmental surcharge factor of 9.52 percent on Reference Schedule 1.07 is a simple average of the surcharge factors in column 2.
- c. The simple average is consistent with the method adopted by the Commission in Case No. 98-474, and has been used consistently by KU in all base rate proceedings since that time. See the attachment to part c of this response for the requested calculation.

CASE NO. 2003-00434

Supplemental Response to First Data Request of the KIUC Dated February 3, 2004 Filed – February 27, 2004

Question No. 54

Responding Witness: Michael S. Beer / W. Steven Seelye

- Q-69. Refer to Rives Exhibit 1 Schedule 1.05. Please indicate whether the off-system sales revenues used in the actual computation of the Companies' ECR tariff rates also exclude intercompany off-system sales revenues and are consistent with the Companies' computations in column 3 of this schedule. If the Companies' off-system sales revenues used in the actual ECR tariff rates do not exclude intercompany sales revenues, then please explain why the Companies excluded these revenues on this schedule.
- A-69. The computation of the Company's ECR monthly billing factors uses total Company revenues to determine the retail jurisdictional percent of ECR recovery. Consistent with the Commission's Order in Case No. 2000-106, total Company revenues include all off-system sales revenues other than brokered sales.

The determination of the adjustment of off-system sales revenue for environmental surcharge costs is consistent with the Commission Order in Case No. 98-474.

The purpose of the adjustment shown in Rives Exhibit 1, Schedule 1.05, is to adjust offsystem sales margins, which are credited against revenue requirements in the rate case, for the environmental costs allocated to off-system sales in the monthly ECR calculations. Because ECR costs, including those allocated to off-system sales, are removed from the determination of revenue requirements, the margins associated with the Company's offsystem sales are overstated by the amount of the environmental costs allocated to offsystem sales.

As explained in the original response, the Company was following prior practice in making this adjustment. However, the Company agrees that Off-System Sales Intercompany Revenue should not have been excluded from Off-System Sales Revenue in Rives Exhibit 1, Schedule 1.05, because excluding those revenues does not allow the full amount of environmental costs assigned to off-system sales to be reflected in the adjustment. Attached is a revised schedule showing a calculation of the pro-forma adjustment without removing Inter-company Revenue.

Attachment to Response to KU KPSC-2 Question No. 29(a) Page 2 of 8 Conrov

1		Conroy level would be removed from the debt component of capitalization, and the difference
2		between test-year expenses and the rolled-in expenses would be removed from expenses
3		during the test year. Test year revenues would be adjusted to remove ECR revenues net
4		of the rolled-in amounts. If we understand the data requests correctly, this approach
5		would correspond to the methodology suggested in Question 34 to KU and Question 38
6		to LG&E of the Commisison Staff's second data request dated February 3, 2004, in this
7		proceeding.
8	Q.	Do you have any fundamental problems with either of these alternatives?
9	A.	No. Either of these alternatives would allow the Companies the opportunity to recover
10		their original plan costs, including a fair, just and reasonable return on their investments.
11		Our preference, however, is to terminate the ECR surcharge for the original compliance
12		plans.
13		
14	(g)	Off-System Sales in the ECR and Adjustment for Mismatch in Fuel Cost Recovery
15 16	Q.	Are the intervenor witnesses being evenhanded about two errors that were made in
17		the off-system sales revenue adjustment for the ECR calculation and in the
18		
		adjustment for the mismatch in fuel cost recovery for the year ending September 20,
19		adjustment for the mismatch in fuel cost recovery for the year ending September 20, 2003?
19 20	А.	
	A.	2003?
20	A.	2003? No. In preparing responses to data requests submitted by the Commission Staff, the
20 21	A.	2003?No. In preparing responses to data requests submitted by the Commission Staff, the KIUC and the AG, it came to our attention that there were errors in the off-system sales

- in responses to data requests¹, witnesses for the KIUC and AG ignored these errors in 1 presenting their recommended revenue requirements, apparently because correcting the 2 errors would increase the Companies' revenue requirements. 3
- 4

Please explain the adjustment and the nature of the error relating to the adjustment 0. in the off-system sales revenue for the ECR. 5

- In the Companies' environmental surcharge calculations, a portion of the environmental 6 A. 7 costs incurred is allocated to off-system sales. The Commission determined in approving the Companies' ECRs that it is appropriate to allocate a portion of environmental costs to 8 off-system sales by observing that environmental costs are incurred to make off-system 9 sales just as they are to make retail sales. The purpose of the pro-forma off-system sales 10 revenue adjustment for the ECR calculation (Reference Schedule 1.05) is to adjust off-11 12 system sales margins, which are credited against revenue requirements in the rate case, for the environmental costs allocated to off-system sales in the monthly environmental 13 surcharge calculations. This adjustment was approved in Case Nos. 98-426 and 98-474 14 and recognized in all subsequent ESM filings. 15
- In the original calculation of this adjustment, inter-company revenue was 16 subtracted from total off-system sales revenue to determine the environmental costs for 17 off-system sales that should be subtracted from revenues from off-system sales in this 18 When preparing a response to a KIUC data request, we realized that 19 proceeding. intercompany revenues should not have been subtracted from off-system sales revenue. 20 Environmental costs are allocated to intercompany revenue in the monthly environmental 21 surcharge calculations. However, there is no mechanism in place for recovering these 22

¹ The error was explained in the supplemental responses to question 54 to LG&E and question 69 to KU of the first data request of the KIUC dated February 3, 2004, and filed February 27, 2004. The error was also brought to light in LG&E's response to question 53 of the supplemental data request of the Attorney General dated March 1, 2004.

Attachment to Response to KU KPSC-2 Question No. 29(a) Page 4 of 8 Conroy

1	costs from ratepayers. Although KU pays LG&E (and vice versa) for the cost of the
2	intercompany sales, KU does not pay LG&E for the portion of environmental costs
3	allocated to intercompany sales in the environmental surcharge calculations. These costs
4	are not recovered through either LG&E or KU's ECR mechanism, nor are they recovered
5	through either utility's FAC. Intercompany revenues represent charges paid by one
6	utility for transfers of electric energy to the other. Therefore, unless these environmental
7	costs are subtracted from intercompany revenues in this proceeding, the Companies will
8	be denied the opportunity from ever recovering these legitimately incurred costs. It is
9	thus reasonable that LG&E and KU be allowed to revise Reference Schedule 1.05 of
10	Rives Exhibit 1 to correct for this oversight.

- 11 Q. Have you prepared a revised Reference Schedule 1.05?
- A. Yes. Revised Reference Schedule 1.05 for LG&E and KU are included as pages 1 and 2
 of Seelye Rebuttal Exhibit 2.

14 Q. Please explain KU's adjustment and nature of the error relating to the mismatch in 15 fuel cost recovery for the test period.

A. As I discussed in my direct testimony, via this adjustment, the mismatch between fuels costs and fuel cost recovery through KU's FAC will be eliminated consistent with Commission practice. An error was detected, however, in PSC 2-15(a), when the Commission Staff noted that the expense amount shown in the proposed adjustment was taken from KU's Form A filing for November, 2003 made on December 16, 2003. In fact, the expense amount included on that Form A for September 2003 was incorrectly listed as \$4,269,288, when it previous decisions by the Commission when items are removed from the calculation of rate base. Therefore, the Commission has reduced KU's Kentucky jurisdictional capitalization, on a pro rata basis, by \$7,408,501.

Based on the findings herein, the Commission has determined that KU's testyear-end Kentucky jurisdictional capitalization should be \$1,297,055,596. The calculation of the jurisdictional capitalization is shown in Appendix E.

REVENUES AND EXPENSES

For the test year, KU reported actual net operating income from Kentucky jurisdictional operations of \$86,167,531.² KU proposed a series of adjustments to revenues and expenses to reflect more current and anticipated operating conditions, resulting in an adjusted net operating income from Kentucky jurisdictional operations of \$60,956,866.³ The AG also proposed numerous revenue and expense adjustments, resulting in net operating income from Kentucky jurisdictional operations of \$84,669,000.⁴ The Commission finds that 21 of the adjustments, proposed in KU's application and accepted by the AG, are reasonable and will be accepted. During the proceeding, KU identified and corrected errors in several other adjustments originally proposed in its application. The Commission finds that three of these other adjustments, as corrected by KU and accepted by the AG, are reasonable and they will also be accepted. All of these 24 adjustments are set forth in detail in Appendix F, which is attached hereto.

² Rives Direct Testimony, Rives Exhibit 1, page 1 of 3, line 1.

³ <u>Id.</u>, page 3 of 3, line 42.

⁴ Majoros Accounting Direct Testimony, Exhibit MJM-2.

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APPENDIX F

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION IN CASE NO. 2003-00434 DATED

Schedule of Adjustments

The following adjustments were proposed by KU in its application, accepted by the AG, and have been found reasonable and accepted by the Commission. The "+" indicates an increase while "-" indicates a decrease.

	Description	Reference <u>Rives Exhibit 1</u>	Change to <u>Revenues</u>	Change to <u>Expenses</u>	
1.	Adjustment to eliminate unbilled revenues.	Sch. 1.00	+\$675,000	0	
2.	Adjust base rates and Fuel Adjustment Clause ("FAC") to reflect a full year of FAC roll-in.	Sch. 1.02	+\$1,417,623	0	
3.	Adjustment to eliminate environ- mental surcharge revenues and expenses.	Sch. 1.03	-\$25,039,979	-\$248,468	
4.	Adjust base rate revenues to reflect a full year of the environmental surcharge roll-in.	Sch. 1.04	+\$17,986,813	0	
5.	Eliminate electric brokered sales revenues and expenses.	Sch. 1.06	-\$5,571,256	-\$7,725,329	
6.	Eliminate electric ESM revenues collected.	Sch. 1.07	-\$4,604,742	0	
7.	Eliminate ESM, environmental surcharge, and FAC in Rate Refund Account 449.	Sch. 1.08	+\$1,630,147	0	
8.	Eliminate demand-side manage- ment revenues and expenses.	Sch. 1.09	-\$2,942,935	-\$2,946,471	
9.	Eliminate advertising expenses pursuant to 807 KAR 5:016.	Sch. 1.15	0	-\$45,386	
10.	Adjustment to remove One-Utility costs.	Sch. 1.18	0	-\$1,550,907	
11.	Adjustment for VDT net savings to shareholders.	Sch. 1.20	0	+\$2,895,000	

Case No. 2003-00434

Attachment to Response to KU KPSC-2 Question No. 29(a) Page 7 of 8 Conroy

APPENDIX F (continued)

	Description	Reference <u>Rives Exhibit 1</u>	Change to <u>Revenues</u>	Change to Expenses	
12.	Adjust VDT-related revenues and expenses to settlement agreement.	Sch. 1.21	+\$85,337	-\$466,280	
13.	Adjustment for merger savings.	Sch. 1.22	-\$2,564,269	+\$18,968,825	
14.	Adjustment to eliminate LG&E/KU merger amortization expense.	Sch. 1.23	0	-\$2,726,510	
15.	Adjustment for MISO Schedule 10 credits.	Sch. 1.24	0	+\$843,344	
16.	2		-		
	accounting change. [AG withdrew objection to adjust- ment; AG Post-Hearing Brief at 17]	Sch. 1.25	0	+\$8,434,618	
17.	Adjustment to remove E. W. Brown legal expenses.	Sch. 1.27	0	-\$3,126,995	
18.	Adjust for customer rate switching.	Sch. 1.28	-\$1,898,980	0	
19.	Adjustment for sales tax refunds.	Sch. 1.29	0	+\$120,391	
20.	Adjustment for 1992 management audit fees.	Sch. 1.32	0	+\$163,982	
21.	Adjust for prior income tax true-ups and adjustments.	Sch. 1.36	0	+\$681,889	

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APPENDIX F (continued)

The following adjustments were proposed in the application and later revised by KU, accepted by the AG, and have been found reasonable and accepted by the Commission. The "+" indicates an increase while "-" indicates a decrease.

	Description	Revision Reference	Change to <u>Revenues</u>	Change to Expenses	
1.	Adjust mismatch in fuel cost recovery. [Rives Ex. 1, Sch. 1.01]	Seelye Rebuttal Ex. 2	-\$35,887,728	-\$28,474,767	
2.	Adjust off-system sales revenues for the environmental surcharge calculations. [Rives Ex. 1, Sch. 1.05]	Seelye Rebuttal Ex. 2	-\$2,266,829	0	
3.	Adjustment to reflect amortization of ESM audit expenses. [Rives Ex. 1, Sch. 1.17]	Scott Rebuttal Ex. 5	0	+\$63,933	

Exhibit 1 Reference Schedule 1.07 Sponsoring Witness: Conroy

KENTUCKY UTILITIES

Off-System Sales Revenue Adjustment for the ECR Calculation For the Twelve Months Ended October 31, 2009

		(1)	(2)	(3)		(4)	
					e)ff-System	
		KU	Monthly	Weighted Avg		Sales	
	(Off-System	Environmental	Environmental	En	vironmental	
		Sales	Surcharge	Surcharge		Cost	
		Revenue	Factor (1)	Factor	(Col. 1 * 3)	
Nov-08	\$	16,763,550	7.38%	7.88%	\$	1,321,802	
Dec-08		10,407,202	6.50%	7.88%		820,605	
Jan-09		4,800,653	6.54%	7.88%		378,530	
Feb-09		2,308,018	6.52%	7.88%		181,987	
Mar-09		2,365,975	9.27%	7.88%		186,557	
Apr-09		1,258,387	9.89%	7.88%		99,223	
May-09		3,233,654	11.69%	7.88%		254,973	
Jun-09		706,503	9.68%	7.88%		55,708	
Jul-09		286,233	11.58%	7.88%		22,569	
Aug-09		336,928	11.94%	7.88%		26,567	
Sep-09		335,449	11.20%	7.88%		26,450	
Oct-09		2,310,656	12.03%	7.88%		182,195	
Total		45,113,208				3,557,166	
Weighted Avg		terrenter i Standard and Standard	- 7.88%				
Kentucky Jurisdi	ctio	n (Ref Sch Al	llocators)			86.685%	
Kentucky Julisu	cuoi	r (Ref. Soll, Al	novatorsj				
Total					\$	3,083,529	
Adjustment					\$	(3,083,529)	
(1) ES Form 1.	00						

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 30

Responding Witness: Valerie L. Scott

Q-30. Refer to Exhibit 1, Reference Schedule 1.08 of the Rives Testimony.

c.

- a. Explain why net brokered and financial swap revenue and expenses should be eliminated.
- b. Explain how customers benefit from KU's engagement in these activities.
- c. Provide these revenues and expenses for each of the past five calendar years.
- A-30. a. Net brokered and financial swap revenue and expenses should be eliminated because these transactions do not utilize Company generation or transmission assets. This treatment is consistent with the Commission's Orders in Case No. 2003-00434 and in Case No. 2000-00106.
 - b. Customers do not bear any risk or receive any benefit associated with KU's engagement in brokered or swap transactions.

Year	Brokered and Financial Swap <u>Revenue</u>	Brokered and Financial Swap Expenses Recorded in Revenue
2009	236,341	29,705
2008	470,484	102,850
2007	2,666,367	2,541,631
2006	17,775,200	15,167,964
2005	20,235,868	18,640,374

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 31

Responding Witness: Shannon L. Charnas

Q-31. Refer to Exhibit 1, Reference Schedule 1.09 of the Rives Testimony.

- a. Provide a calculation for each of the accrued revenues shown.
- b. State the number and name of the account in which each accrued revenue is included in the trial balance provided in KU's response to Staff's First Request, Item 13.
- A-31. a. See attachment.
 - b. See attachment.

Kentucky Utiliti Case No. 200	
Case No. 200 Calculation of Acc	
For the Test Year Endir	
	Electric
Change in ECR regulatory lag amount	\$ 2,653,000
Change in ECR over/under recovery balance	5,882,405
	\$ 8,535,405
1. ECR accrued revenue in accounts:	Wettern and the Statement
4401111 - Electric Residential ECR	442611 - Mine Power ECR
442111 - Electric Small Commercial ECR	444111 - Electric Street Lighting ECR
442211 - Electric Large Commercial ECR	4451111 - Electric Public Authority ECR
442311 - Electric Industrial ECR	445311 - Muni Pumping ECR
Change in MSR over/under refunded balance	\$ (29,000)
2. MSR accrued revenue in accounts:	\$ (29,000)
440112 - Electric Residential MSR	442612 - Mine Power MSR
442112 - Electric Small Commercial MSR	444112 - Electric Street Lighting MSR
442212 - Electric Large Commercial MSR	445112 - Electric Public Authority MSR
442312 - Electric Industrial MSR	445312 - Muni Pumping MSR
Change in FAC regulatory lag amount	\$ (7,612,934)
Change in FAC over/ under recovery balance	2,506,934 (1)
	\$ (5,106,000)
3. FAC accrued revenue in accounts:	
440104 - Electric Residential FAC	442604 - Mine Power FAC
442104 - Electric Small Commercial FAC	444104 - Electric Street Lighting FAC
442204 - Electric Large Commercial FAC	445104 - Electric Public Authority FAC
442304 - Electric Industrial FAC	445304 - Muni Pumping FAC
Change in DSM over/ under balance	\$ (3,684,059)
	\$ (3,684,059)
4. DSM accrued revenue in accounts:	
440101 - Electric Residential DSM	442601 - Mine Power DSM
442101 - Electric Small Commercial DSM	444101 - Electric Street Lighting DSM
442201 - Electric Large Commercial DSM	445101 - Electric Public Authority DSM
442301 - Electric Industrial DSM	445301 - Muni Pumping DSM

⁽¹⁾ In preparing the response to the Second Data Request of Commission Staff Dated March 1, 2010, Question No. 106, KU discovered that the over/under recovery calculation contained on page 5 of 6 in the August 2009 expense month FAC filing was incorrect. KU will supplement this response and revised reference schedules, as necessary, in the normal course of providing updates throughout this proceeding.

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 32

Responding Witness: Robert M. Conroy/Shannon L. Charnas

- Q-32. Refer to Exhibit 1, Reference Schedule 1.10 of the Rives Testimony and page 6 of the Conroy Testimony regarding the adjustment to eliminate DSM revenues and expenses. Provide a schedule of the test year DSM expenses which identifies the amounts incurred for materials, customer rebates/incentives, outside (contract) labor, and internal labor costs. Provide a detailed description of how internal labor costs are charged or allocated to specific DSM programs.
- A-32. See attachment. In preparing the response to this data request, the Company determined that the DSM expenses did not include certain related burden expenses. The Company will supplement this response and revised reference schedules, as necessary, in the normal course of providing updates throughout this proceeding.

Labor is direct charged for all DSM programs. Only employees directly working on specific DSM programs charge their time to each individual program.

	Kentucky Util	Kentucky Utilities Company		
	Case No. 2	Case No. 2009-00548		
S.	ummary of Total Co Test Year ending	Summary of Total Company DSM Expenses Test Year ending October 31, 2009	S	
Month	Materials	Customer Rebates/Incentives	Outside (Contract) Labor	Internal Labor
November 2008	\$20,708	\$176	\$90,866	\$36,890
December 2008	184,713	73,314	1,038,302	34,725
January 2009	701	P	19,968	44,591
February 2009	2,767	3,682	(3,484)	48,575
March 2009	9,063	3,932	576,277	63,024
April 2009	46,491	70	333,419	45,537
May 2009	16,716	11,642	400,553	(56,886)
June 2009	642	204,402	98,143	41,620
July 2009	20,596	291,432	320,156	44,898
August 2009	1,577	248,856	1,334,337	47,756
September 2009	21,405	218,521	399,095	52,956
October 2009	129,840	9,519	901,365	54,777

Attachment to Response KU KPSC-2 Question No. 32 Page 1 of 1 Conroy/Charnas · · · · ·

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 33

Responding Witness: William Steven Seelye

- Q-33. Refer to Exhibit 1, Reference Schedule 1.11 of the Rives Testimony and pages 40 53 of the Direct Testimony of William Steven Seelye ("Seelye Testimony").
 - a. Provide a list of all instances, by utility name, case number and jurisdiction, where Mr. Seelye has proposed and a commission has accepted the exact method of analysis used in this case to develop a temperature normalization adjustment for an electric utility.
 - b. From the list provided in response to part a. of this request, provide copies of two recent commission final orders approving the temperature normalization method used by Mr. Seelye.
 - c. Provide a list of all instances, by utility name, case number, and jurisdiction, where Mr. Seelye has proposed and a commission has rejected the exact method of analysis used in this case to develop a temperature normalization adjustment for an electric utility.
 - d. From the list provided in response to part c. of this request, provide copies of two recent commission final orders denying the temperature normalization method used by Mr. Seelye.
- A-33. a. Mr. Seelye has not proposed this same methodology in any other proceeding.
 - b.-d. Not applicable. Please see response to subpart (a).

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 34

Responding Witness: William Steven Seelye

Q-34. Refer to Seelye Exhibit 12.

- a. Confirm that the months shown are November and December 2008 and January through October 2009, and that these months do not represent a calendar year.
- b. Are the calculations based on calendar month or billing cycle average and actual Heating Degree Days ("HDD") and Cooling Degree Days ("CDD")?
- c. Explain whether the calculations are based on calendar month or billing cycle average and actual HDD and CDD and provide the source of the average and actual HDD and CDD shown on Exhibit 12.
- A-34. a. Correct. The months shown in the analysis are for the test year, not a calendar year.
 - b. Because daily load research data is utilized in the model, the calculations are based on calendar month heating and cooling degree days.
 - c. See response to (b). The source of the degree day data is the National Oceanic and Atmospheric Administration.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 35

Responding Witness: William Steven Seelye

- Q-35. Refer to Seelye Exhibit 15. Explain how it was determined that the specific expense accounts, which are all production expense accounts, are the only expense accounts to be included in calculating the expense portion of the adjustment.
- A-35. The expense accounts included in calculating the expense portion of the temperature normalization adjustment are the same production expense accounts classified as variable in the class cost of service study using FERC predominance methodology. Please see response to Question 101(b) for a description of the predominance methodology used in the class cost of service study.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 36

Responding Witness: William Steven Seelye

- Q-36. Compare and contrast, in full detail, the method used by Seelye to develop his weather normalization adjustment as discussed in his testimony to the methods used by KU to weather normalize revenues and expenses when developing annual budgets and forecasts.
- A-36. The temperature normalization methodology used to prepare annual budgets is very similar to methodology used to calculate the temperature normalization adjustment in the rate case. In both cases, regression coefficients are calculated by month and by rate class. However, there are two significant differences between the two methodologies.

First, because the purpose of the budgeting process is to project sales out into the future, in preparing the budget the Company performs a regression analysis using time-series data rather than test-year sales and weather data. In other words, because the purpose of preparing a budget is to project sales out into the future, in addition to normalizing for weather the Company also performs the regression analysis in order to capture trends in kWh sales. Specifically, for developing budget projections, the regression coefficients by class and by month are calculated using time series data for a ten-year period. In the temperature normalization methodology used in the rate case, daily HDD or CDD coefficients are estimated by regressing daily energy (KWh) against daily degree days for each month during the test year.

Second, in preparing the budget, kWh sales are projected assuming normal temperatures. In calculating the temperature normalization for the rate case, heating or cooling degree days for a particular month must not only be different from normal but must also fall outside a specified bandwidth. The specified bandwidth is plus or minus 1 standard deviation from normal. Therefore, if the degree days for the month falls within the 1 standard deviation bandwidth, no adjustment is made. Statistically, 68 percent of the time the weather in any given month will fall within the 1 standard deviation bandwidth. Only if degree days for a month is outside of a bandwidth will an adjustment be made. If the monthly degree days fall outside of the bandwidth the difference between actual degree days and the 1 standard deviation limit is multiplied by the coefficient. This approach was specifically developed to address concerns expressed the Commission in previous Orders about the need for any electric temperature normalization adjustment to be determined on the basis of a bandwidth around normal temperatures.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 37

Responding Witness: Shannon L. Charnas

Q-37. Refer to Exhibit 1, Reference Schedule 1.14 of the Rives Testimony.

- a. Provide KU's late payment charge revenues for November and December 2009 and January 2010. Show total company and Kentucky jurisdictional amounts separately.
- b. Provide late payment charge revenues reported for February and March 2010 as this information becomes available. Show total company and Kentucky jurisdictional amounts separately.

A-37. a. & b. See table below.

Late Payment Charges

	Kentucky J	urisdictional	То	tal Company
November 2009	\$	633,117	\$	633,119
December 2009		698,558		698,596
January 2010		1,012,845		1,012,887
February 2010		1,133,882		1,134,184
March 2010		Not Available at I	this time	

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 38

Responding Witness: Shannon L. Charnas

- Q-38. Refer to Exhibit 1, Reference Schedule 1.15 of the Rives Testimony and page 3 of the Direct Testimony of Shannon L. Charnas concerning the proposed depreciation adjustment.
 - a. Provide the workpapers, spreadsheets, etc. showing the derivation of the annualized direct depreciation expense under current rates shown on line 1.
 - b. Provide the workpapers, spreadsheets, etc. showing the derivation of each of the amounts on lines 2 through 6 which adjust the amount on line 1 to arrive at the total annualized depreciation expense shown on line 7.
- A-38. a. See attached.
 - b. See attached.

	Property Group	I	Depreciable Plant 10/31/09	Current Rates ASL		preciation Using urr. Rates
Intangib		¢	44 456	0.000/	¢	
301	Organization	\$	44,456	0.00%	\$	-
302	Franchises and Consents		83,453	0.00%		2 004 592
303	Misc. Intangible Plant - Software		15,022,910	20.00%		3,004,582
303.1	CCS Software		36,405,085	10.00%	<u>т</u>	3,640,509
	Total Intangible Plant	<u> </u>	51,555,904		\$	6,645,090
iteam P	roduction Plant					
10.00	Land	\$	10,874,263	0.00%	\$	-
311.00	Structures and Improvements					
	5603 Tyrone Unit 3		5,596,893	0.00%		-
	5604 Tyrone Units 1&2		583,381	0.00%		-
	5613 Green River Unit 3		2,805,420	0.00%		-
	5614 Green River Unit 4		4,748,801	0.00%		-
	5615 Green River Units 1&2		2,572,934	0.00%		
	5621 Brown Unit 1		4,703,190	0.60%		28,219
	5622 Brown Unit 2		2,105,061	0.08%		1,684
	5623 Brown Unit 3		20,942,245	0.54%		113,088
	5643 Pineville Unit 3		16,204	0.00%		-
	5650 Ghent Unit 1 Scrubber		24,301,127	2.65%		643,980
	5651 Ghent Unit 1		17,723,991	0.39%		69,124
	5652 Ghent Unit 2		16,011,013	0.50%		80,055
	5653 Ghent Unit 3		42,046,615	1.19%		500,355
	5654 Ghent Unit 4		30,604,144	1.41%		431,518
	5591 System Laboratory		805,716	1.54%		12,408
		\$	175,566,734		\$	1,880,431
312.00	Boiler Plant Equipment	-	,		-	· , · , · - ·
	5603 Tyrone Unit 3	\$	13,904,070	3.99%	\$	554,772
	5604 Tyrone Units 1&2	Ť	421,900	0.14%	÷	591
	5613 Green River Unit 3		11,657,672	3.08%		359,056
	5614 Green River Unit 4		25,275,864	4.20%		1,061,586
	5615 Green River Units 1&2		355,713	2.18%		7,755
	5621 Brown Unit 1		39,425,451	2.98%		1,174,878
	5622 Brown Unit 2		35,773,218	3.01%		1,076,774
	5623 Brown Unit 3		106,581,618	2.80%		2,984,285
	5643 Pineville Unit 3		226,832	0.00%		2,704,205
	5650 Ghent Unit 1 Scrubber		190,968,983	3.87%		7,390,500
	5651 Ghent Unit 1		191,680,901	3.84%		7,360,547
	5652 Ghent Unit 2		98,525,362	2.33%		2,295,641
	5652 Ghent Unit 2 5658 Ghent Unit 2 Scrubber		98,323,362 30,647,512	2.33% 3.87%		1,186,059
				2.63%		6,611,484
	5653 Ghent Unit 3		251,387,240			
	5660 Ghent 3 Scrubber		118,655,563	3.87%		4,591,970
	5654 Ghent Unit 4		264,245,815	2.79%		7,372,458
	5661 Ghent Unit 4 Scrubber		281,666,427	3.87%		10,900,491
	5659 Coal Cars		7,647,232	2.41%	e	184,298
814.00	Turbogenerator Units	\$	1,669,047,372		\$	55,113,146
00.14	5603 Tyrone Unit 3	\$	4,805,514	3.44%	\$	165,310
	5604 Tyrone Units 1&2	Φ	4,803,514 68,206	0.00%	J	105,510
			-			
	5613 Green River Unit 3		4,469,895	2.90%		129,627
	5614 Green River Unit 4		10,171,918	3.79%		385,516
	5621 Brown Unit 1		6,013,806	1.12%		67,355
	5622 Brown Unit 2		12,343,115	2.91%		359,185
	5623 Brown Unit 3		28,609,628	3.17%		906,925
	5651 Ghent Unit 1		34,427,444	2.23%		767,732
	5652 Ghent Unit 2		32,863,914	2.08%		683,569
	5653 Ghent Unit 3		41,523,562	2.03%		842,928

	Property Group]	Depreciable Plant 10/31/09	Current Rates ASL		preciation Using urr. Rates
	5654 Ghent Unit 4		53,490,490	2.20%		1,176,791
		\$	228,787,492		\$	5,484,937
15.00	Accessory Electric Equipment					
	5603 Tyrone Unit 3	\$	2,065,206	0.00%	\$	-
	5604 Tyrone Units 1&2		99,211	0.00%		-
	5613 Green River Unit 3		781,287	0.00%		-
	5614 Green River Unit 4		2,509,912	1.46%		36,645
	5621 Brown Unit 1		3,768,174	2.10%		79,132
	5622 Brown Unit 2		1,229,028	0.48%		5,899
	5623 Brown Unit 3		7,054,349	0.54%		38,093
	5650 Ghent Unit 1 Scrubber		12,726,680	2.70%		343,620
	5651 Ghent Unit 1		8,647,945	0.55%		47,564
	5652 Ghent Unit 2		13,259,157	0.60%		79,555
	5658 Ghent Unit 2 Scrubber		1,038,916	2.70%		28,051
	5653 Ghent Unit 3		30,932,405	1.03%		318,604
	5660 Ghent 3 Scrubber		11,277,367	2.70%		304,489
	5654 Ghent Unit 4		24,393,774	1.22%		297,604
	5661 Ghent 4 Scrubber		3,628,466	2.70%		97,969
			123,411,877		\$	1,677,224
6.00	Miscellaneous Plant Equipment	-	, ,			, ,
5.50	5603 Tyrone Unit 3	\$	553,355	3.12%	\$	17,265
	5604 Tyrone Units 1&2		50,127	0.00%		-
	5613 Green River Unit 3		153,382	3.97%		6,089
	5614 Green River Unit 4		2,169,358	2.71%		58,790
	5615 Green River Units 1&2		84,750	0.00%		-
	5621 Brown Unit 1		424,540	2.26%		9,595
	5622 Brown Unit 2		106,658	0.71%		757
	5623 Brown Unit 3		4,386,196	2.33%		102,198
	5650 Ghent Unit 1 Scrubber		985,410	2.87%		28,281
	5651 Ghent Unit 1		1,752,232	1.38%		24,181
	5652 Ghent Unit 2		1,500,525	1.07%		16,056
	5653 Ghent Unit 3		3,150,438	1.40%		44,106
	5654 Ghent Unit 4		6,273,933	2.03%		127,361
	5591 System Laboratory		2,450,063	2.74%		67,132
	5591 System Laboratory		24,040,966	2.7470	\$	501,810
		Ū.			Ψ	501,010
7.00	Asset Retirement Obligations - Steam *		9,248,362			
	Total Steam	\$	2,240,977,065		\$	64,657,548
ydrau	lic Production Plant					
	5691 Dix Dam	-	ARC 2	0 0000	*	
	330.10 Land Rights	\$	879,311	0.00%	\$	
	331.00 Structures and Improvements		606,213	1.29%		7,820
	332.00 Reservoirs, Dams & Waterways		9,823,181	0.72%		70,727
	333.00 Water Wheels, Turbines and Generators		436,634	0.66%		2,882
	334.00 Accessory Electric Equipment		85,383	0.83%		709
	335.00 Misc. Power Plant Equipment		379,637	3.55%		13,477
	336.00 Roads, Railroads and Bridges		176,360	0.00%		-
	337.00 Asset Retirement Obligations - Hydro *		4,970			
	Total Hydraulic Plant	\$	12,391,689		\$	95,615
)ther I	Production Plant					
40.10	Land Rights - 5645 Brown CT 9 Gas Pipeline	\$	176,409	2.97%	\$	5,239
40.20	Land		118,514	0.00%		-
40.20						
	Structures and Improvements					
40.20	Structures and Improvements 5697 Paddy's Run Generator 13		1,910,328	3.03%		57,883

	Property Group	I	Depreciable Plant 10/31/09	Current Rates ASL		preciation Using ırr. Rates
	5636 Brown CT 6		192,814	3.05%		5,881
	5637 Brown CT 7		544,966	2.93%		15,968
	5638 Brown CT 8		2,012,655	2.60%		52,329
	5639 Brown CT 9		4,641,055	2.60%		120,667
	5640 Brown CT 10		1,865,718	2.61%		48,695
	5641 Brown CT 11		1,858,754	2.72%		50,558
	0470 Trimble County CT 5		3,740,231	3.14%		117,443
	0471 Trimble County CT 6		3,588,684	3.12%	~	111,967
	0474 Trimble County CT 7		3,559,155	3.32%		118,164
	0475 Trimble County CT 8		3,548,852	3.32%		117,822
	0476 Trimble County CT 9		3,655,976	3.32%		121,378
	0477 Trimble County CT 10		3,653,030	3.32%		121,281
	5696 Haefling Units 1,2,&3		434,853	6.47%		28,135
		\$	35,982,154		\$	1,111,734
342.00	Fuel Holders, Producers and Accessories					
	5697 Paddy's Run Generator 13	\$	1,995,101	3.11%	\$	62,048
	5635 Brown CT 5		2,354,679	3.11%		73,231
	5636 Brown CT 6		152,047	2.92%		4,440
	5637 Brown CT 7		151,457	2.92%		4,423
	5638 Brown CT 8		19,613	2.63%		516
	5639 Brown CT 9		1,932,187	2.65%		51,203
	5640 Brown CT 10		31,738	2.63%		835
	5641 Brown CT 11		52,430	2.74%		1,437
	5645 Brown CT 9 Gas Pipeline		8,106,131 239,584	2.57% 3.21%		208,328 7,691
	0470 Trimble County CT 5		239,384 239,246	3.21%		7,680
	0471 Trimble County CT 6 0473 Trimble County CT Pipeline		4,850,115	3.21%		156,659
	0474 Trimble County CT 7		578,059	3.42%		19,770
	0475 Trimble County CT 8		576,386	3.42%		19,712
	0476 Trimble County CT 9		593,786	3.42%		20,307
	0477 Trimble County CT 10		622,873	3.42%		21,302
	5696 Haefling Units 1,2,&3		578,490	0.00%		-
		\$	23,073,921		\$	659,579
343.00	Prime Movers					
	5697 Paddy's Run Generator 13	\$	17,803,364	3.62%	\$	644,482
	5635 Brown CT 5		13,182,503	3.65%		481,161
	5636 Brown CT 6		.34,404,280	3.55%		1,221,352
	5637 Brown CT 7		34,936,345	3.58%		1,250,721
	5638 Brown CT 8		26,344,009	3.30%		869,352
	5639 Brown CT 9		23,335,363	3.23%		753,732
	5640 Brown CT 10		19,670,646	3.26%		641,263
	5641 Brown CT 11		34,925,877	3.41%		1,190,972
	0470 Trimble County CT 5		30,564,294	3.72%		1,136,992
	0471 Trimble County CT 6		30,459,143	3.72%		1,133,080
	0474 Trimble County CT 7		22,773,708	3.91%		890,452
	0475 Trimble County CT 8		22,568,161	3.91%		882,415
	0476 Trimble County CT 9		22,435,615	3.91%		877,233
	0477 Trimble County CT 10		22,401,315	3.91%		875,891
744.00	Consister	\$	355,804,622		\$	12,849,099
344.00	Generators	\$	5,185,636	2.94%	\$	152,458
	5697 Paddy's Run Generator 1.3 5635 Brown CT 5	Φ	2,831,528	2.94%	Ф	83,247
	5635 Brown CT 5		3,712,620	2.94%		102,468
	5636 Brown CT 6 5637 Brown CT 7		3,722,788	2.76%		102,749
	5638 Brown CT 8		4,953,961	2.46%		121,867
	5639 Brown CT 9		5,452,041	2.40%		125,942
	5640 Brown CT 10		4,944,423	2.46%		121,633
	5641 Brown CT 11		5,187,040	2.53%		131,232
			5,107,040	01000		

	Property Carve	I	Depreciable Plant	Current Rates		preciation Using
	Property Group 0470 Trimble County CT 5		<u>10/31/09</u> 3,763,275	ASL 3.04%		urr. Rates 114,404
	0471 Trimble County CT 6		3,757,947	3.04%		114,242
	0474 Trimble County CT 7		2,950,282	3.26%		96,179
	0475 Trimble County CT 8		2,937,930	3.26%		95,777
	0476 Trimble County CT 9		2,957,520	3.26%		96,415
	0477 Trimble County CT 10		2,954,149	3.26%		96,305
	5696 Haefling Units 1,2,&3		4,023,002	0.00%		-
	50,0 Marining 5 mile 1,2,000	\$	59,334,142		\$	1,554,918
15.00	Accessory Electric Equipment		,,		•	-,
	5697 Paddy's Run Generator 13	\$	2,456,320	2.88%	\$	70,742
	5635 Brown CT 5		2,265,167	2.89%		65,463
	5636 Brown CT 6		1,930,284	2.71%		52,311
	5637 Brown CT 7		1,920,146	2.71%		52,036
	5638 Brown CT 8		2,720,730	2.41%		65,570
	5639 Brown CT 9		4,101,587	2.32%		95,157
	5640 Brown CT 10		2,744,493	2.44%		66,966
	5641 Brown CT 11		1,863,053	2.48%		46,204
	0470 Trimble County CT 5		1,677,092	2.98%		49,977
	0471 Trimble County CT 6		4,324,591	2.98%		128,873
	0474 Trimble County CT 7		3,148,439	3.19%		100,435
	0475 Trimble County CT 8		3,139,332	3.19%		100,145
	0476 Trimble County CT 9		3,234,031	3.19%		103,166
	0477 Trimble County CT 10		7,146,693	3.19%		227,980
	5696 Haefling Units 1,2,&3		623,419	0.00%		•
		\$	43,295,378		\$	1,225,023
46.00	Miscellaneous Plant Equipment					
	5697 Paddy's Run Generator 13	\$	1,089,550	3.20%	\$	34,866
	5635 Brown CT 5		2,139,353	3.20%		68,459
	5636 Brown CT 6		48,960	3.33%		1,630
	5637 Brown CT 7		35,647	3.23%		1,151
	5638 Brown CT 8		230,069	2.77%		6,373
	5639 Brown CT 9		760,255	2.77%		21,059
	5640 Brown CT 10		274,391	2.85%		7,820
	5641 Brown CT 11		548,588	3.22%		17,665
	0470 Trimble County CT 5		28,964	3.73%		1,080
	0474 Trimble County CT 7		8,889	3.50%		311
	0475 Trimble County CT 8		8,861	3.50%		310
	0476 Trimble County CT 9		9,114	3.50%		319
	0477 Trimble County CT 10		9,106	3.49%		318
	5696 Haefling Units 1,2,&3		35,805	0.00%		-
		\$	5,227,550		\$	161,362
47.00	Asset Retirement Obligations Other Production *		70,990			
	Total Other Production	\$	523,083,680		\$	17,566,953
`ransm	ission Plant					
	350.1 Land Rights	\$	22,882,943	0.98%	\$	224,253
	350.2 Land		2,199,383	0.00%		-
	352.1 Struct. and Impr. Non Sys Control		12,760,603	1.54%		196,513
	352.2 Struct. and Impr. Sys Control		1,154,520	1.43%		16,510
	353.1 Station Equipment		163,309,023	1.98%		. 3,233,519
	353.2 Syst Control/Microwave Equip		14,744,859	0.46%		67,826
	354 Towers & Fixtures		64,339,400	1.21%		778,507
	355 Poles & Fixtures		108,396,910	2.28%		2,471,450
	356 Overhead Conductors and Devices		132,892,569	1.79%		2,378,777
	257 Underground Conduit		440 7/0	3 (00/		11 ((0
	357 Underground Conduit 358 Underground Conductors & Devices		448,760 1,165,021	2.60% 1.26%		11,668 14,679

Property Group	1	Depreciable Plant 10/31/09	Current Rates ASL	Depreciation Using Curr. Rates
359 Asset Retirement Obligations - Transmission *		7,427		
Total Transmission Plant	\$	524,301,418		\$ 9,393,701
stribution Plant				
.360.1 Land Rights	\$	2,012,954	0.65%	\$ 13,084
360.2 Land	-	2,473,519	0.00%	-
361 Structures and Improvements		5,251,780	1.65%	86,654
362 Station Equipment		123,232,665	2.28%	2,809,705
364 Poles Towers & Fixtures		265,798,792	2.30%	6,113,372
365 Overhead Conductors and Devices		252,857,432	2.70%	6,827,151
366 Underground Conduit		1,736,096	1.93%	33,507
367 Underground Conductors & Devices		124,995,523	2.09%	2,612,406
368 Line Transformers		272,017,418	3.10%	8,432,540
369 Services		85,765,704	1.99%	1,706,738
		67,013,064	1.76%	•
370 Meters 371 Installations on Customer Premises		18,261,117	2.38%	1,179,430
				434,615
373 Street Lighting & Signal Systems		78,517,961	2.29%	1,798,061
374 Asset Retirement Obligations - Distribution *		18,610		
Total Distribution Plant		1,299,952,635		\$ 32,047,263
eneral Plant 389.2 Land	\$	2,567,847	0.00%	\$-
390.1 Structures & Improvements	ф.	38,070,703	1.66%	5 - 631,974
			1.56%	8,299
390.2 Improvements to Leased Property		531,973		
391.1 Office Furniture & Equipment		7,325,785	4.19%	306,950
391.2 Non PC Computer Equipment		8,217,918	10.14%	833,297
391.3 Cash Processing Equipment		448,191	23.26%	104,249
391.31 Personal Computer Equipment		4,508,257	15.47%	697,427
392 Transportation Equipment		18,763,692	20.00%	3,752,738
393 Stores Equipment		777,673	5.25%	40,828
394 Tool, Shop & Garage Equipment		6,399,333	4.75%	303,968
395 Laboratory Equipment		3,160,382	27.42%	866,577
396 Power Operated Equipment		421,779	6.37%	26,867
397.00 Communication Equipment		20,821,298	7.13%	1,484,559
398 Misc Equipment		373,590	20.54%	76,735
Total General Plant	\$	112,388,421		\$ 9,134,469
OTAL PLANT IN SERVICE	5	4,764,650,813		
otal Annual Depreciation (excludes ARO amounts)				\$ 139,540,639
ss: Amounts not included in Income Statement Depreciation 5659 Coal Cars				184,298
5659 Coal Cars 5645 Brown CT 9 Gas Pipeline				208,328
				156,659
0473 Trimble County CT Pipeline				
392 Transportation Equipment				3,752,738
ess: ECR Depreciation				30,415,740
otal Annualized Depreciation Expense excluding ECR and ARO				\$ 104,822,876
TC2 Joint Use Assets transferred from TC 1 with proposed rates				
311 Structures and Improvements	\$	46,052,636	2.10%	\$ 967,105
312 Boiler Plant Equipment	Ð	43,273,655	4.28%	1,852,112
312 Boner Plant Equipment 314 Turbine Generator Equipment		2,868,643	4.28%	79,748
315 Accessory Electric Equipment		10,727,097	2.78%	267,105
				•
316 Miscellaneous Power Plant Equipment		68,368	3.00%	2,051

Property Group	I	Depreciable Plant 10/31/09	Current Rates ASL	epreciation Using Curr. Rates
Total	\$	102,990,399		\$ 3,168,122
TC2 Cooling Tower transferred from TC 1 with proposed rates				
311 Structures and Improvements	\$	95,257	2.10%	\$ 2,000
312 Boiler Plant Equipment		12,564	4.28%	538
314 Turbine Generator Equipment		17,671,720	2.78%	491,274
315 Accessory Electric Equipment		51,372	2.49%	1,279
Total	\$	17,830,912		\$ 495,091
TC2 Generation Assets with proposed rates				
311 Structures and Improvements	\$	28,654,127	2.10%	\$ 601,737
312 Boiler Plant Equipment		354,183,794	4.28%	15,159,066
314 Turbine Generator Equipment		62,005,651	2.78%	1,723,757
315 Accessory Electric Equipment		21,608,030	2.49%	538,040
316 Miscellaneous Power Plant Equipment		3,288,178	3.00%	98,645
Total	\$	469,739,780		\$ 18,121,245
TC2 Tranmission Assets with current rates				
350.1 Land Rights	\$	7,239,602	0.98%	\$ 70,948
350.2 Land		78,000	0.00%	-
353.1 Station Equipment		2,661,095	1.98%	52,690
354 Towers & Fixtures		15,260,905	1.21%	184,657
355 Poles & Fixtures		17,428,728	2.28%	397,375
356 Overhead Conductors and Devices		11,567,085	1.79%	207,051
Total	\$	54,235,415		\$ 912,721

Total Annualized Depreciation Expense excluding ECR and ARO with TC 2 Adjustments

\$ 127,520,055

* Represents list of ARO assets. Please note these amounts are not included in the calculation.

	Kentucky Environmental Period Enc	/ Utilities Surchar led Octot	Kentucky Utilities Company Environmental Surcharge Depreciation Period Ended October 31, 2009 All Plans 2001 Plan	200	2003 Plan	Total 2001 and 2003		NET
Depreciation per ECK IIIIngs:		 .		6	(190.00)	(128 (494 831)	¢.	2.051.696
November-08	S 2,546,527	21 \$	(402,764)	9	(29,067)		•	2,051,696
December-08	2.546.527	27	(465,764)		(29,067)	(494,831)		2,051,696
January-09	1.995.895	95	(572,711)		(37,545)	(610, 256)		1,385,639
	2,214,349	49	(572,711)		(37,545)	(610, 256)		1,604,093
Marcn-U9 A mril-00	2,429,770	70	(572,711)		(37,545)	(610,256)		1,819,514
Mav-09	2,481,998	98	(572,711)		(37,545)	(010,250)		1,8/1,/42
June-09	2,532,586	86	(572,711)		(C+C,/C) (27545)	(610.256)		1.922,330
July-09	2,532,580	80	(111,210)		(37,545)	(610.256)		1,922,330
August-09	080,260,2	000	(111,210)		(37.545)	(610.256)		1,923,360
September-09	2,534,645	10	(572,711)		(37,545)	(610,256)		1,924,389
OC10061-03		1			1001 1007	(LOL 7L0 7/ @	¢.	77 450 815
Total Depreciation Per ECR Filings	\$ 29,427,612	512	(160,166,0)	0	(422,100)	1	÷	
	¢ 7 534 645	545 S	(272,711)		(37,545)	(610,256)	S	1,924,389
October-09 Depreciation Amount			12		12	12		12
12 months per year Annualized ECR Depreciation at October 31, 2009	\$ 30,415,740	740 \$	(6,872,532)	S	(450,540)	\$ (7,323,072)	S	23,092,668
				Attachi	ment to Respo	Attachment to Response to KU KPSC-2 Question No. 38 Page 7 of 13 Charnas	2 Ques	stion No. 38 Page 7 of 13 Charnas

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Kentucky Utilities Company Trimble County Transmission Projects

KU Project 118216	Cost
Plant Account	
350.2 - Land	\$ 78,000
350.1 - Land Rights	7,239,602
353 Station Equipment	2,661,095
354 - Towers and Fixtures	15,260,905
355 - Poles and Fixtures	17,428,728
356 - Overhead Conductors and Devices	11,567,085
357 - Underground Conduit	-
358 - Underground Conductors and Devices	-
Total	\$ 54,235,415

		6.10% 75.40% 13.20% 4.60% 0.70%
	TOTAL	35,901,815 670,140,763 77,689,174 27,073,500 4,119,880 814,925,132
	121685 - KU ECR	- \$ - \$ 42,695,168 183,675,617
osts 09	121684 - LGE ECR	\$ 42,695,168
Kentucky Utilities Company Trimble County Unit 2 Steam Costs Period Ended October 31, 2009	117150 - KU Non ECR	 \$ 28,654,127 \$ 354,183,794 62,005,651 21,608,030 3,288,178 \$ 469,739,780
Kentucky Trimble Count Period Ende	117149 - LGE Non ECR	89 83 702 67
		 311 Structure Improvements Total 312 Boiler Plant Equip Total 314 Turbo Gen Equip Total 315 Accessory Elect Equip Total 316 Misc Power Pl Equip Total Total

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System	<u>Acct.</u>	<u>Ori</u>	ginal Cost	<u>KU 48</u>	<u>3% Ownership</u>
01-05 CONVEYOR ROOM STEEL	131100	\$	5,584,498	\$	2,680,559
02-01 FOUNDATIONS	131100		1,251,835		600,881
02-02 STRUCTURAL STEEL	131100		6,897,724		3,310,908
02-03 ROOF COVERING AND FLASHING	131100		779,414		374,119
02-04 SIDING AND LOUVERS	131100		1,168,743		560,997
02-05 FLOORS AND FLOOR COVERING	131100		2,192,762		1,052,526
02-06 PARTITIONS AND FIRE WALLS	131100		1,399,624		671,820
02-07 PAD FIN. FLOOR AND CURB WALLS	131100		480,022		230,410
02-08 ELEVATORS	131100		628,570		301,714
02-10 BLDG DRAINS AND PLUMBING	131100		518,609		248,932
02-11 FIRE PROTECTION SYSTEM	131100		631,270		303,009
02-12 RESTROOMS, LOCKER AND SHOWER	131100		110,150		52,872
02-13 LIGHTING	131100		1,065,638		511,506
02-14 COMMUNICATIONS	131100		334,423		160,523
02-16 HEATING, A/C AND VENTILATING	131100		2,491,247		1,195,798
02-17 INTERIOR FINISH AND TRIM	131100		353,164		169,519
02-19 SHOP TOOLS, LOCKERS AND LAB	131100		1,079,755		518,283
03-01 STRUCTURAL CONCRETE	131100		4,517,729		2,168,510
03-02 STRUCTURAL STEEL	131100		1,214,373		582,899
03-03 ROOF, SIDING, PART. AND LOUVERS	131100		351,459		168,700
03-05 BRIDGE	131100		3,362,262		1,613,886
03-13 LIGHTING	131100		71,767		34,448
04-01 STR B/AFSH SLAB FOUNDATION	131100		808,574		388,115
04-02 STR B/AFSH FINISHED FLOORS	131100		381,119		182,937
04-03 STR B/AFSH STRUCTURAL STEEL	131100		2,920,472		1,401,827
04-04 STR B/AFSH ROOF	131100		208,737		100,194
04-05 STR B/AFSH SIDING AND LOUVERS	131100		461,289		221,419
04-07 STR B/AFSH BUILDING DRAINS	131100		85,629		41,102
05-01 PERMANENT PLANT ROADS	131100		1,236,791		593,660
05-02 LIME AND COAL RUNOFF BASIN	131100		522,784		250,936
05-05 UNITS AND SERVICE BUILDING	131100		588,731		282,591
05-07 AESTHETIC BERM	131100		261,258		125,404
05-08 CONSTRUCTION BUILDING	131100		273,192		131,132
05-10 BOTTOM ASH POND	131100		9,505,417		4,562,600
05-12 COOLING TOWER AREA	131100		773,503		371,281
05-14 GENERAL SITE WORK	131100		2,299,326		1,103,676
05-15 EQUIPMENT UNLOADING DOCK	131100		2,577,434		1,237,168
06-01 YARD SURFACING	131100		313,220		150,345
06-03 MONITOR WELLS	131100		83,685		40,169
06-06 GUARD FACILITIES	131100		398,986		191,513
06-07 YARD DRAINAGE	131100		199,848		95,927
06-08 DIESEL FIRE PUMP HOUSE	131100		616,928		296,125
06-09 SANITARY SEWERS	131100		220,734		105,952
06-10 FENCES	131100		122,240		58,675
06-11 SHORELINE PROTECTION	131100		1,359,031		652,335
VULT DITOLEURI I TOTECHON			180,835		86,801
30-10 FUEL OUL STORAGE ELECTRIC					
30-10 FUEL OIL STORAGE ELECTRIC 30-11 FUEL OIL STORAGE PUMP HOUSE	131100 131100		196,718		94,425

System	Acct.	Original Cost	KU 48% Ownership
31-04 TRANSFER HOUSE	131100	343,973	165,107
31-05 SAMPLE HOUSE	131100	3,416,415	1,639,879
31-06 COAL DOCK ELECTRICAL SERV	131100	545,222	261,707
31-11 LIGHTING	131100	102,727	49,309
31-12 COMMUNICATIONS	131100	132,832	63,760
32-02 RECLAIM HOPPERS AND R1/R2 TUN	131100	1,209,044	580,341
32-04 CRUSHER HOUSE	131100	2,290,632	1,099,503
32-07 COAL MAINTENANCE BUILDING	131100	628,324	301,595
32-12 LIGHTING	131100	188,525	90,492
32-13 COMMUNICATIONS	131100	58,289	27,979
35-01 RIVER BARGE CELLS	131100	3,841,662	1,843,998
35-05 LIMESTONE TRANSFER BUILDING	131100	933,344	448,005
35-07 DEAD STORAGE PILE	131100	960,090	460,843
35-13 LIGHTING	131100	223,426	107,245
35-14 COMMUNICATIONS	131100	70,961	34,061
35-16 BRIDGE	131100	953,538	457,698
41-01 REACTANT PREP BUILDING	131100	4,424,031	2,123,535
41-12 COMMUNICATIONS	131100	97,754	46,922
50-01 WASTE AND WATER TREATMENT BLD	131100	2,579,718	1,238,265
50-09 CONDUIT AND CABLE TRAY	131100	164,229	78,830
50-16 FIRE PUMP IN STATION WASTE WATER	131100	97,912	46,998
53-20 BOILER ROOM BOOSTER FIRE PUMP	131100	120,714	57,943
53-20 HEATING SYSTEM	131100	2,190,846	1,051,606
BLDG DRAINS AND PLUMBING	131100	604,153	289,993
EXCAVATE & REPAIR BAP DIKE	131100	937,300	449,904
TC - PAVING PROJECT 2002	131100	51,768	24,849
TC CATHODIC PROTECTION SYSTEM	131100	61,165	29,359
TC Crusher House Rebuild, Siding, D	131100	66,946	32,134
TC SERVICE BUILDING CHILLER	131100	183,398	88,031
Total Account 131100		95,942,993	46,052,636
	101000	AA 1 A1 A	124.000
04-13 STRU B/AFSH COAL HANDLING MAT	131200	281,019	134,889
04-12 STRU B/AFSH COAL EQUIPMENT	131200	1,842,503	884,401
07-01 ASH POND PIPE RACK AND PIPING	131200	7,734,194	3,712,413
07-03 4160 VOLT EQUIPMENT/ASH POND/	131200	1,748,188	839,130
08-01 PORTABLE WATER "A"	131200	538,492	258,476
08-02 FIRE PROTECTION	131200	1,088,239	522,355
08-03 FUEL OIL "A"	131200	70,016	33,608
08-06 SERVICE WATER "A"	131200	1,998,853	959,449
08-07 MISC. PLANT UNDERGROUND	131200	402,099	193,008
08-07 MISC. PLANT UNDERGROUND	131200	392,855	188,570
22-01 CONCRETE FOUNDATIONS	131200	908,651	436,153
22-02 CONCRETE SHELL AND LINER	131200	9,123,637	4,379,346
25-02 CONVEYOR ROOM EQUIPMENT	131200	1,734,055	832,346
25-04 MULTIPLEX EQUIPMENT	131200	124,519	. 59,769
25-05 COAL HANDLING (MATERIAL ONLY)	131200	291,685	140,009
30-01 STATION FUEL OIL TANKS	131200	203,329	97,598
30-02 MECHANICAL EQUIPMENT	131200	57,613	27,654

System	<u>Acct.</u>	Original Cost	KU 48% Ownership	
30-03 PIPING	131200	185,042	88,820	
31-02 BARGE UNLOADER	131200	7,598,900	3,647,472	
31-03 CONVEYORS	131200	2,325,994	1,116,477	
32-01 STACKER-RECLAIMER	131200	5,083,663	2,440,158	
32-03 CONVEYORS	131200	5,285,881	2,537,223	
32-05 CRUSHER EQUIPMENT	131200	454,795	218,302	
32-16 COAL HANDLING MATERIAL	131200	8,298,667	3,983,360	
32-20 MOBILE EQUIPMENT COAL MOVING	131200	1,092,324	524,315	
35-02 REACTANT BARGE UNLOADING	131200	3,753,568	1,801,713	
35-03 CONVEYOR SYSTEM	131200	4,338,944	2,082,693	
35-06 LIVE STORAGE PILE	131200	4,930,521	2,366,650	
35-19 LIMESTONE HANDLING-MATERIAL	131200	1,870,699	897,936	
41-02 REACTANT LIVE STORAGE TANK	131200	1,131,585	543,161	
41-05 MECHANICAL EQUIPMENT	131200	6,514,361	3,126,893	
41-06 PIPING AND INSULATION	131200	680,755	326,762	
41-16 LIMESTONE HANDLING-MATERIAL	131200	242,771	116,530	
50-03 CONDENSATE MAKE-UP TREATMENT	131200	4,674,156	2,243,595	
50-04 PORTABLE WATER FACILITIES	131200	643,285	308,777	
50-05 CONDENSATE MAKE-UP STORAGE	131200	605,162	290,478	
COAL FEEDER SHUTOFF GATES	131200	51,859	24,892	
CONVEYOR BELT, F2 & G2	131200	96,280	46,215	
REBUILD MICHEGAN 380B	131200	162,346	77,926	
TC - LIMESTONE BARGE UNLOADER	131200	273,225	131,148	
TC B&C COAL CONVEYOR BELTS	131200	143,598	68,927	
TC CBU Cantelever Hoist Motor & VFD	131200	110,476	53,029	
TC CBU Program. Logic Controller	131200	55,477	26,629	
TC Coal Conveyor Belt A	131200	50,144	24,069	
TC COAL SAMPLER C CONVEYOR	131200	251,721	120,826	
TC E COAL BELT REPL.	131200	221,921	106,522	
TC LIMESTONE A CONVEYOR BELT	131200	56,316	27,032	
TC Stacker Reclaimer Electrical Upg	131200	270,040	129,619	
TC VARIABLE FREQUENCY DRIVES	131200	107,978	51,830	
TC1 Limestone Ball Mill Lube Oil System	131200	51,044	24,501	
Total Account 131200		90,153,448	43,273,655	
03-07 PIPING	131400	457,542	219,620	
03-08 PUMPS, SCREENS AND STRAINERS	131400	3,933,742	1,888,196	
61-02 BLOWDOWN	131400	1,132,086	543,402	
61-04 CIRCULATING WATER LINES "A"	131400	452,968	217,425	
Total Account 131400		5,976,339	2,868,643	
02-15 GROUNDING	131500	84,410	40,517	
03-10 480 VOLT EQUIPMENT	131500	68,351	32,808	
03-12 CABLE TRAY	131500	113,216	54,344	
04-09 STR B/AFSH LIGHTING	131500	93,205	44,738	
06-02 UNDERGROUND ELECTRICAL DUCTS	131500	3,540,357	1,699,371	
06-04 GROUNDING	131500	76,650	36,792	
30-04 480 VOLT EQUIPMENT	131500	401,610	192,773	

<u>System</u>	Acct.	Original Cost	KU 48% Ownership
30-06 CONDUIT AND CABLE TRAY	131500	56,915	27,319
31-07 4160 VOLT EQUIPMENT	131500	1,106,724	531,228
31-08 480 VOLT EQUIPMENT	131500	305,543	146,661
31-10 CONDUIT AND CABLE TRAY	131500	149,432	71,727
31-14 MULITPLEX SYSTEMS	131500	613,806	294,627
31-15 COAL HANDLING MATERIAL	131500	2,917,599	1,400,447
32-08 4160 VOLT EQUIPMENT	131500	616,979	296,150
32-09 480 VOLT EQUIPMENT	131500	342,536	164,417
32-10 208/110 VOLT EQUIPMENT	131500	61,839	29,683
32-11 CONDUIT AND CABLE TRAY	131500	113,505	54,482
32-14 GROUNDING	131500	72,805	34,946
32-15 MULTIPLEX SYSTEMS	131500	270,920	130,041
35-12 CONDUIT AND CABLE TRAY	131500	127,682	61,287
35-15 GROUNDING	131500	62,990	
35-18 MULTIPLEX SYSTEMS	131500	103,444	49,653
41-07 4160 VOLT EQUIPMENT	131500	1,485,386	712,985
41-08 480 VOLT EQUIPMENT	131500	749,019	359,529
41-10 CONDUIT AND CABLE TRAY	131500	218,525	104,892
41-15 MULTIPLES SYSTEM	131500	201,847	96,887
50-06 4160 VOLT EQUIPMENT	131500	930,416	446,600
50-07 480 VOLT EQUIPMENT	131500	346,755	166,442
50-15 MULTIPLEX SYSTEM	131500	162,246	77,878
53-07 MICROWAVE	131500	929,488	446,154
61-07 LIGHTING	131500	80,977	38,869
71-01 138 KV EQUIPMENT	131500	675,712	324,342
71-03 6900 VOLT EQUIPMENT	131500	3,554,504	1,706,162
71-04 480 VOLT EQUIPMENT	131500	781,206	374,979
71-05 208/110 VOLT EQUIPMENT	131500	145,950	70,056
73-01 SERVICE BUILDING	131500	785,569	377,073
Total Account 131500		22,348,119	10,727,097
2001 LULL MODEL 844C-42 10 TON LIFT	131600	56,043	26,901
JLG-TYPE CHERRY PICKER	131600	86,390	41,467
Total Account 131600		142,433	68,368
Tatal		\$ 214,563,331	\$ 102,990,399
Total		\$ 214,563,331	a 102,990, 3 95

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 39

Responding Witness: Valerie L. Scott

- Q-39. Refer to Exhibit 1, Reference Schedule 1.16, page 2 of 4 of the Rives Testimony and pages 3 4 of the Direct Testimony of Valerie 1. Scott ("Scott Testimony") concerning the adjustment for labor and labor-related costs.
 - a. 72.1 percent of labor costs was recorded as operating expense in the test year. Provide the percentages of labor costs recorded as operating expenses for each of the calendar years from 2005 through 2009.
 - b. Total overtime and premium labor costs for the test year were \$15,187,449. Provide the hours upon which this amount was based and the overtime hours for each of the calendar years 2005 through 2009.
 - c. Provide workpapers supporting the construction/other labor rate of 27.9 percent. These workpapers should separate construction labor from other labor. Provide a detailed description for all entries on these workpapers for other labor.
 - d. Provide workpapers supporting the calculation of:
 - (1) Union gross pay of \$9,372,293;
 - (2) Exempt KU gross pay of \$11,396,218;
 - (3) Hourly gross pay of \$28,888,808;
 - (4) Non-exempt gross pay of \$11,645,936;
 - (5) Exempt Servco gross pay of \$38,746,168;
 - (6) Non-Exempt Servco gross pay of \$5,308,412;
 - (7) The Servco allocation percentage to KU of 48.3 percent;
 - (8) The union overtime premium;
 - (9) Non-exempt/Hourly/Servco Overtime/Premium; and
 - (10) Labor related to 2009 Winter Storm in the amount of \$3,512,444.

A-39. a. The percentages of labor costs recorded as operating expenses for each of the calendar years from 2005 through 2009 are as follows:

Year	Percent
2005	72.2%
2006	73.3%
2007	71.4%
2008	70.1%
2009	73.4%

b. Total overtime and premium labor costs for the test year are based on 317,870 hours.

Year	Hours
 2005	226,809
2006	203,130
2007	219,847
2008	274,060
2009	339,314

- c. See attached.
- d. See attached.

Attachment to Response to KU KPSC-2 Question No. 39(c) Page 1 of 1 Scott

Kentucky Utilities Company Caso No. 2009-00548 Computation of Operating and Construction/Other Labor %

			\$ 14,474,603				\$ 45,194,096	\$ (3.512,444)	\$116,207,846 (1
fota	Operating Labor	\$41,476,108	\$ 11,545,308	\$53,021,416	\$ 33,561,297	\$ 631,748	\$ 34,200,045	\$ (3,464,137)	\$ \$3,757,324
09	Winter Storm Reclassification	•	-				•	(3,464,137)	(3,464,137)
	General advertising and miscellanoous general expenses Maintenance of general plant	200,579	9,914	210,493	3,614,059	14,252	3,628,311	-	3,838,804
	Injuries and damages	` 3,067 234	•	3,067 234	36,332	-	36,332	-	39,399 234
22	Administrative expenses transferred Credit	(118,588)	-	(118,588)		•		-	(118.588)
	Administrative and general salaries	448,980	663	449,643	15,515,557	75,406	15,590,963	-	16,040,606
	Eustomer assistance expenses Miscellaneous customer service and informational expenses	53,133	55,602	108,735	317,309	18,158		-	444,202
	Supervision Customer assistance expenses	333	•	333	147,714	302 1,289		-	148,016 108,858
	Miscellaneous customer accounts expenses	- 278	3,894	4,172	270,257	4,486		-	278,915 148,016
)3	Customer records and colloction expenses	3,765,228	738,826	4,504,054	2,592,853	374,042		-	7,470,949
	Meter reading expenses	216,085	8,480	224,565	43,899	•	43,899		268,464
	Maintenance of miscellanoous distribution plant Supervision	848 352,539	5,703	352,839	1,475,233	5,832	1,481,065	-	1,833,904
	Maintenance of street lighting and signal systems	135	727 5,703	862 6,551	-		-		862 6,551
	Maintenance of line transformers	27,584	71,318	98,902	•	•	•	-	98,902
	Maintenance of underground lines	101,655	\$7,522	159,177	•	•	-	•	159,177
	Muintenance of everhead lines	3,352,621	4,391,282	7,743,903	88,015	1,306		-	7,833,224
	Maintenance supervision and engineering Maintenance of station equipment	265,149	69,080	334,229	7,948	(694)	•	-	341,483
	Miscellaneous distribution expenses Maintenance supervision and engineering	1,690,694	144,114	1,834,808	415,010 8,031	10,011	433,021 8,031	•	133,362
	Customer installations expenses	377 1.690.694	275 144,114	652 1,834,808	423,010	10,611	433,621		652 2.268.429
	Meter expenses	3,035,145	159,159	3,194,304	146,345	84	146,429	-	3,340,733 652
	Underground line expenses	30, 69 1	25,382	56,073		•		-	56,073
	Overhead line expenses	1,300,452	819,631	2,120,083	5,576	•	5,576	-	2,125,659
	Station expenses	561,258	14,119	575,377	175	•	175	•	\$75,552
	Operation supervision and cagineering Load dispatching	371,013	510,723	-	635,079	10,904	645,983	-	645,983
	Maintenance of miscellaneous transmission plant	29,015 391, 875	9,774 310,923	38,789 702,798	1,446 1,257,430	59,568	1,446	-	2,019,796
	Maintenance of overhead lines	18,624	17,108	35,732	99,146 1.446	•	99,146 1,446		134,878 40,235
	Maintenance of station equipment	240,350	69,493	309,843	238,546	14,495	253,041	•	562.884
56	Miscellaneous transmission expenses	199,426	2,005	201,431	59,443	3,537	62,980	-	264,411
	Overhead line expense		-	*	56,642	-	56,642	-	56,642
	Station expenses	192.444	21,196	213,640	5,917	828		-	220,385
	Load dispatch and reliability	-		1,244	1,268,743	17,816			1,286,559
	System control and load dispatching Operation supervision and engineering	1,558	- 386	-	844,561	2,724			849,229
	Maintenance of miscellaneous other power generation plant	97,906	7,224	105,130	1,437,879	:	1,437,879	•	105,130 1,437,879
	Maintenance of generating and electric plant	219,337	43,591	263,128	•	•	•	•	263,128
	Maintenance of structures	90,669	9,761	100,430	•	•	-	•	100,430
	Maintenance supervision and engineering	67,029	4,119	71,148	1,964	•	1.964	•	73,112
	Operation supervision and engineering	136,577	537	137,114		•	•	•	137,114
	Maintenance of miscellaneous bydraulic plant	2,503		2,503		-	•	•	2,503
	Maintenance of shocares	41,323	16,485	57,808		2	•		57,80R
	Maintenance of structures	68,329	12,033	80,362	-	-	-	-	80,362
	Miscellaneous hydraulic power generation expenses Maintenance supervision and engineering	79,131	2,190	81,321	7,468		7,468	-	88,789
	Operation supervision and engineering Miscellaneous hydraulic power generation expenses	6,774 3,442	•	6,774 3,442				•	3,442
	Maintenance of miscellaneous steam plant	152,061 6,774	12,280	164,341 6,774	•	•	•		6,774
	Maintenance of electric plant	1,211,922	408,701	1,620,623	110,802	304	111,106	•	1,731,729
	Maintenance of boiler plant	4,077,494	1,100,747	5,178,241	7,915	, 204	7,915	-	5,186,156
	Maintenance of structures	992,218	74,581	1,066,799	310	-	310	•	1,067,109
D	Maintenance supervision and engineering	4,133,508	283,218	4,416,726	413,969	5,742	419.711	-	4,836,437
	Miscellaneous steam power expenses	734,936	103,330	838,266	8,560	433	8,993		\$47,259
	Electric expenses	3,793,033	750,675	4,543,708	•	•		•	4,543,708
	Steam expenses	5,983,141	1,242,379	7,225,520	180,255	8,145	188,400	•	7,413,920
	Operation supervision and engineering Fuel	\$ 1,521,194 1,682,375-	5 24,631 	\$ 1,545,825 	\$ 1,433,345 692,328	1,956	\$ 1,440,367 694,284		2,712,515
~		# 1 PM1 104	e 34.00		C 1 412 244	\$ 7.222	\$ 1,440,567	s -	\$ 2,986,392
12	Construction/Other Labor	\$18,575,483	\$ 2,929,295	\$21,504,778	\$ 10,919,956	\$ 74,095	\$ 10,994,051	\$ (48,307)	\$ 32,450,522 (
	Other Labor	\$ 4,139,270	\$ 428,946	\$ 4,568,216	\$ 4,632,318	\$ 10,927	\$ 4,643,245	\$ (48,307)	\$ 9,163,154
	Winter Storm Reclassification	-	•	<u> </u>	-	-	-	(48,307)	(48,307)
	Customer assistance expenses	-		-	325,211	-	325,211	-	325,211
	Miscellaneous deferred debits Below the (inc items	22,769 141	21,093 2,016	43,862 2,157	151,648 428,126	3,807	431,933	•	434,090
	Clearing accounts	1,766,659	10,843	1,777,502	3,574,553	6,154 966	3,580,707 152,614	-	5,358,209 196,476
83 ·	Preliminary survey and investigation charges	•	-	-	22,640	•	22,640	•	22,640
	Stores expense undistributed	1,431,171	37,800	1,468,971	125,661	•	125,661	•	1,594,632
	Other accounts receivable Accounts receivable from associated companies	20,737 897,793	277,683	1,175,476	4,479		-		1,175,476
			79,511	100,248	4,479		4,479	-	104,727
	Accumulated provision for depreciation of electric utility plant Construction Labor	\$14,436,213	517,736 \$ 2,500,349	1.365.372 \$16,936,562	75,528 \$ 6,287,638	1,207 5 63,168	76,735 \$ 6,350,806	5.	1,442,107 \$ 23,287,368
	Construction work in progress-Electric	\$13,588,577	\$ 1,982,613	\$15,571,190			\$ 6,274,071	s -	\$ 21,845,261
			or richhann	IULLING	The local division of				
ER	•	Labor	& Premiums	Total KU	Servoo	Serveo	from Servoo	Reclassification	Grand Total
		KU Base	KU Overtime	Total K(I)			Total Charged	Winter Storm Reclargification	Grand Total

Attachment to Response to KU KPSC-2 Question No. 39(d)(1)-(4) Page 1 of 2 Scott

Kentucky Utilities Company Case No. 2009-00548 KU Gross Pay (a) \$ 9,372,293 (1) 1 KU Union Annualized Base Labor at October 31, 2009 (2) 2 KU Exempt Annualized Base Labor at October 31, 2009 (a) \$10,937,938 3 KU Senior Management Annualized Base Labor at October 31, 2009 (a) 458,280 \$11,396,218 4 Total KU Exempt Annualized Base Labor at October 31, 2009 (line 2 + line 3) (a) \$28,888,808 (3) 5 KU Hourly Annualized Base Labor at October 31, 2009 (a) \$11,645,936 (4) 6 KU Non-Exempt Annualized Base Labor at October 31, 2009

(a) source: PeopleSoft System Report for Annualized Salaries

Kentucky Utilities

Report for Company : As of Date: 10/31/20	110 309	Cummulative Annual Pay	Average Annual Pay
Union Wage Total Employees	149	9.372,292.80	62,901.29
Exempt Total Employees	135	10,937,938.00	81.021 76
Hourly Total Employees	‡ 46	28.888.808.00	64.773.11
Nonexempt Tatal Employees	227	11.645,936.00	51.303.68
Senior Management Total Employees	3	458,280.00	152,760 00

Attachment to Response to KU KPSC-2 Question No. 39(d)(5)-(6) Page 1 of 2 Scott

Kentucky Utilities Company Case No. 2009-00548 Servco Gross Pay

(5)	1 2	Exempt Servco Annualized Base Labor at October 31, 2009 Servco Senior Management Annualized Base Labor at October 31, 2009	(a) (a)	\$	68,436,658 11,783,151	
	3	Total KU Exempt Annualized Base Labor at October 31, 2009 (line 1 + line 2)		S	80,219,809	
	4	Servco Allocation Percentage to KU			48.3%	
	5	Total Exempt Servco Annualized Base Labor at October 31, 2009 Allocated to KU (line 3 x line 4)		\$	38,746,168	
(6)	6	Non-Exempt Servco Annualized Base Labor at October 31, 2009	(a)	\$	10,990,500	
	7	Serveo Allocation Percentage to KU			48.3%	
	8	Total Exempt Serveo Annualized Base Labor at October 31, 2009 (allocated to KU) (line 6 x line 7)		\$	5,308,412	

(a) source: PeopleSoft System Report for Annualized Salaries

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E.ON U.S. Services Inc.

Report for Company : As of Date: 10/31	020 /2009	Cummuiative Annuel Pay	Average Annual Pay	
Exempt Total Employees	793	68,436,658 01	86.300 96	
Nonexempt Total Employees	270	10,990,500.00	40,705.56	
Senior Management Total Employees	59	11.783,150 81	199,714 42	

Attachment to Response to KU KPSC-2 Question No. 39(d)(7) Page 1 of 1 Scott

Kentucky Utilities Company Case No. 2009-00548 Servco Allocation Percentage

(7) 1	Total Servco Straight Time Labor for 12 Months Ending October 31, 2009	\$78,816,468
2	Servco Straight Time Labor Allocated to KU	38,087,982
3	Percent of Servco Labor Allocated to KU (line 2 / line 1)	48.3%

Kentucky Utilities Company Case No. 2009-00548 Union Overtime/Premium per the General Ledger

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B) Exp Type	0111	0112	0145	
FERC			Union Labor Premiums	Total
107 - Construction work in progress-Electric	\$ 292,225			\$ 659,551
108 - Accumulated provision for depreciation of electric utility plant	41,801	218,208	4,231	264,240
143 - Other accounts receivable	3,182	19,020	180	22,382
146 - Accounts receivable from associated companies	11,426	61,414	20,312	93,152
163 - Stores expense undistributed	3,895	•	1,443	5,338
184 - Clearing accounts	370	*	264	634
186 - Miscellaneous deferred debits	-	•	198	198
426 - Below the line items	234	683	-	917
500 - Operation supervision and engineering	-	-	2,347	2,347
501 - Fuel	11,106	812	19,398	31,316
502 - Steam expenses	111,207	4,859	115,929	231,995
505 - Electric expenses	108,451	4,859	77,790	191,100
506 - Miscellaneous steam power expenses	11,995	295	2,130	14,420
510 - Maintenance supervision and engineering	16,871	1,227	61-	18,159
511 - Maintenance of structures	3,859	467	309	4,635
	57,970	4,451	3,603	66,024
512 - Maintenance of boiler plant		1,836	541	30,782
513 - Maintenance of electric plant	28,405	1,000		840
514 - Maintenance of miscellaneous steam plant	770	-		64U
544 - Maintenance of electric plant	-	-	1	1
552 - Maintenance of structures	-	•	289	289
553 - Maintenance of generating and electric plant	•	-	2,044	2,044
554 - Maintenance of miscellaneous other power generation plant	-	-	216	216
560 - Operation supervision and engineering	385	•	1	386
561 - Load dispatch and reliability	•	•	17,816	17,816
562 - Station expenses	968	-	1,726	2,694
566 - Miscellaneous transmission expenses	-	•	270	270
570 - Maintenance of station equipment	15,345	185	2,194	17,724
571 - Maintenance of overhead lines	12,061	3,878	89	16,028
573 - Maintenance of miscellaneous transmission plant	3,145	-	234	3,379
580 - Operation supervision and engineering	29,778	73,323	11,089	114,190
581 - Load dispatching	-	•	10,904	10,904
582 - Station expenses	1,876		3,291	5,167
583 - Overhead line expenses	126,062	67,848	22,245	216,155
584 - Underground line expenses	333	320	326	979
586 - Meter expenses	68,454	5,048	1,473	74,975
587 - Customer installations expenses	23	-	-	23
588 - Miscellancous distribution expenses	3,515	- 64	32,197	35,776
590 - Maintenance supervision and engineering	8,901	26,270	45	35,216
590 - Maintenance Supervision and engineering 592 - Maintenance of station equipment	10,220	1,544	2,044	13,808
• •	732,037	552,257	49,920	1,334,214
593 - Maintenance of overhead lines			49,920 766	
594 - Maintenance of underground lines	5,772	2,533		9,071
595 - Maintenance of line transformers	8,329	17,143	108	25,580
596 - Maintenance of street lighting and signal systems	-	-	8	8
598 - Maintenance of miscellaneous distribution plant	1,356	1,410	41	2,807
901 - Supervision	-	-	375	375
902 - Meter reading expenses	2,556	-		2,556
903 - Customer records and collection expenses	-	-	10,230	10,230
910 - Miscellaneous customer service and informational expenses	-	-	2,200	2,200
920 - Administrative and general salaries	-	-	8	8
935 - Maintenance of general plant	-		2,944	2,944
Total	\$ 1,734,883	\$ 1,382,434	\$ 478,746	\$3,596,063

Attachment to Response to KU KPSC-2 Question No. 39(d)(9) Page 1 of 1 Scott

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Kentucky Utilities Company Case No 2009-00548 Non-exempt/Hourly/Servco Overtime/Premium

(9) Exp Type	0121 KU Non-	0126	0127 KU Hourty Non-		0131 Servco	0146 Servco		
		KU Hourly Non-	Union	Bargaining Unit		Exempt	T . 1	
FERC	Overtime	Union Overtime	Doubletime	Overtime	Overtime	Overtime	Total	
107 - Construction work in progressElectric	\$ 149,811				S 7,532	\$ 716	\$ 1,384,690	
108 - Accumulated provision for depreciation of electric utility plant	1,078	82,658	169,760	1,207	-	•	254,703	
143 - Other accounts receivable	-	12,540	44,589	•	•	•	57,129	
146 - Accounts receivable from associated companies	60,138	79,085	45,308	•	•	•	184,531	
163 - Stores expense undistributed	7,387	23,257	1,818	-	•	•	32,462 16,363	
184 - Clearing accounts	9,008	1,206	-	6,149	•	*		
186 - Miscellancous deferred debits	-	16,218	4,677	966	-	•	21,861	
426 - Below the line items	111	-	988	3,807		•	4,906	
500 - Operation supervision and engineering	1,034	21,252	•	5,856	1,364	•	29,506	
501 - Fuel	77	298,107	6,356	1,956	•	•	306,496	
502 - Steam expenses	9,792	961,668	38,924	8,145	•	•	1,018,529	
505 - Electric expenses	-	551,889	7,686	-	•	•	559,575	
506 - Miscellaneous steam power expenses	252	82,247	6,411	433	-	•	89,343	
510 - Maintenance supervision and engineering	1,068	262,723	1,296	5,083	632	•	270,802	
511 - Maintenance of structures	•	67,211	2,735	-	•	•	69,946	
512 - Maintenance of boiler plant	202	909,578	124,943	-	•	-	1.034,723	
513 - Maintenance of electric plant	-	321,325	56,594	304	•	•	378,223	
514 - Maintenance of miscellaneous steam plant	•	11,440	•	•	-	•	11,440	
541 - Maintenance supervision and engineering	•	2,190		•	-	•	2,190	
542 - Maintenance of structures	•	10,433	1,600	r	-	•	12,033	
544 - Maintenance of electric plant	•	14,649	1,835	•	•	-	16,484	
546 - Operation supervision and engineering	-	537	•	•	-	•	537	
551 - Maintenance supervision and engineering	-	4,119	•	•	•	•	4,119	
552 - Maintenance of structures	-	7,306	2,166	•	•	•	9,472	
553 - Maintenance of generating and electric plant	•	34,076	7,471	•	-	•	41,547	
554 - Maintenance of miscellaneous other power generation plant	•	6,607	401	-	•	•	7,008	
560 - Operation supervision and engineering	-	-	•	2,724	•	•	2,724	
562 - Station expenses	12,141	6,284	77	828	•	•	19,330	
566 - Miscellancous transmission expenses	•	1,463	272	3,872	•	•	5,607	
570 - Maintenance of station equipment	-	44,850	6,919	14,495	•	•	66,264	
571 - Maintenance of overhead lines	-	1,080	-	•	•	•	1,080	
573 - Maintenance of miscellaneous transmission plant	1,294	5,101		-	-	-	6,395	
580 - Operation supervision and engineering	116,012	36,561	50,317	53,411	-	-	256,301	
582 - Station expenses	32	6,088	2,832	-	-	-	8,952	
583 - Overhead line expenses	15,545	368,895	219,036	•	-	•	603,476	
584 - Underground line expenses	-	23,008	1,395	-	•	•	24,403	
586 - Meter expenses	10,930	72,223	1,031	84	-	•	84,268	
587 - Customer installations expenses	•	252	-	-	•	•	252	
588 - Miscellancous distribution expenses	2,998	101,994	3,346	10,611	-	-	118,949	
590 - Maintenance supervision and engineering	•	13,375	57,503	•	•	•	70,878	
592 - Maintenance of station equipment	13	44,775	10,484	22	-	(716)	54,578	
593 - Maintenance of overhead lines	25,273	1,009,589	2,022,241	1,271	-	•	3,058,374	
594 - Maintenance of underground lines	•	37,000	11,451	•	•	•	48,451	
595 - Maintenance of line transformers	5,477	8,327	31,934	•	•	•	45,738	
596 - Maintenance of street lighting and signal systems	٠	719	-	,	•	•	719	
598 - Maintenance of miscellaneous distribution plant	761	1,135	1,000	•	•	•	2,896	
90) - Supervision	300	•	•	5,457	•	•	5,757	
902 - Meter reading expenses	5,924	•	-	-		•	5,924	
903 - Customer records and collection expenses	733,046	1,335	•	368,257	•	•	1,102,638	
905 - Miscellaneous customer accounts expenses	3,894	-	•	4,486	•	•	8,380	
907 - Supervision	•	•	-	302	•	•	302	
908 - Customer assistance expenses	•	-	•	1,201	88	•	1,289	
910 - Miscellaneous customer service and informational expenses	53,452	~	-	16,909	1,199		71,560	
920 - Administrative and general salaries	661	2	-	72,150	3,248	•	76,061	
935 - Maintenance of general plant	9,340	\$74	-	10,808	500	-	21,222	
	\$ 1,237,051	\$ 6,292,718	\$ 3,393,078	\$ 653,976	\$ 14,563	5 -	\$ 11,591,386	

Attachment to Response to KU KPSC-2 Question No. 39(d)(10) Page 1 of 1 Scott

Kentucky Utilities Company Case No. 2009-00548 Labor Related to 2009 Winter Storm

	Distribution Operations	Transmission Operations	Total
(10) 1 KU Employees Charging KU	\$ 3,367,691	\$ 1,086 \$	-,
2 Servco Employees Charging KU	85,287	10,073	95,360
3 Operating Labor Related to the 2009 Winter Storm (line 1 + line 2)	3,452,978	11,159	3,464,137
4 KU Employees Charging Other Companies	48,307	•	48,307
5 Construction/Other Labor Related to the 2009 Winter Storm (line 4)	48,307	-	48,307
6 Total Labor Related to the 2009 Winter Storm (line 3 + line 5)	\$ 3,501,285	\$ 11,159 \$	3,512,444

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 40

Responding Witness: Paula H. Pottinger, Ph.D./Valerie L. Scott

Q-40. Refer to Exhibit 1, Reference Schedule 1.17 of the Rives Testimony.

- a. For each item of expense shown on lines 1 and 2, provide the corresponding amount capitalized as well as the total cost.
- b. Various news media have reported employers revising or eliminating defined benefit pension plans for new hires and freezing or amending plans for tenured employees due, partly, to the impact the recent economic downturn has had on the plans' costs. Describe any revisions KU has made in the past three calendar years, or anticipates making in 2010 2012, to its defined benefit pension plan, post-retirement plan, and post-employment plan to control the costs related to these plans.
- A-40. a. See attached. An update to the amounts referenced on Rives Exhibit 1, Reference Schedule 1.17, lines 1 and 2, for pension and postretirement will be provided in an upcoming revision per PSC 1-43. The attached schedule reflects these updates.
 - b. Employees hired and rehired on or after January 1, 2006, are excluded from participation in the defined benefit pension plan. Instead, they are eligible for an annual Retirement Income Account contribution to the savings plan equal to between three and seven percent of their covered compensation based on their years of service. No other changes were made or are anticipated related to the defined benefit pension plan at this time.

The changes that have been made to certain options in the post-retirement or postemployment plans to control the costs in 2010 include:

- A High Deductible PPO option
- A Low Deductible PPO option
- Required mail order feature for maintenance drugs
- Required use of a specialty drug pharmacy, including managed care features
- A more restrictive vision network

Additional steps taken to help control costs include the following:

The Company offers health care management programs within our medical options to help employees and dependents maintain their health, control chronic conditions and understand treatment options. Programs include: Vascular at Risk, Condition Care, My Health Advantage, and health risk appraisals.

The Company offers Company sponsored wellness programs to encourage healthy behavior, to promote individual responsibility for wellness, and to reduce health care claims. Programs include annual flu shots, fitness center incentive, weight loss program incentive, smoking cessation, annual mammograms, health risk appraisals and annual health fairs.

In 2009, the Company conducted a dependent eligibility audit of the medical options to ensure only eligible dependents are covered.

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KENTUCKY UTILITIES

Pension, Post Retirement and Post Employment

	Pension	Post Retirement	Post Employment	
1. Pension, Post Retirement and Post Employment Capitalized in test year	\$ 8,417,383	\$ 2,244,357	\$ 164,206	
2 Pension, Post Retirement and Post Employment expenses in test year	17,472,538	5,189,047	451,037	
(Per Rives Testimony - Exhibit 1 Reference Schedule 1 17, revised per PSC 1-43) 3. Total for Test Year	\$ 25,889,921	\$ 7,433,404	\$ 615,243	
4. Expected 2010 Capital	\$ 8,164,467	\$ 2,147,045	\$ 81,028	
5. Pension, Post Retirement, and Post Employment expenses annualized for 2010 Mercer Study	17,141,212	4,965,861	263,951	······
(Per Rives Testimony - Exhibit 1 Reference Schedule 1.17, revised per PSC 1-43)6. Total Expected for 2010	\$ 25,305,679	\$ 7,112,906	\$ 344,979	

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KENTUCKY UTILITIES

Supporting Schedule

Pension			
Test Year	Capital	Expense	Total
	37.7% *	62.3% *	
κυ	\$ 6,174,642	\$ 10,214,105	\$ 16,388,747
	23.6% *	76.4% *	
Servco Allocation	2,242,741	7,258,433	9,501,174
Total Pension	\$ 8,417,383	\$ 17,472,538	\$ 25,889,921

2010	Capital 37.7% *	Expense 62,3%	Total
ки		\$ 9,704,726	\$ 15,571,437
	23.6% *	76.4% *	
Servco Allocation	2,297,756	7,436,486	9,734,242
Total Pension	\$ 8,164,467	\$ 17,141,212	\$ 25,305,679

Post Retirement

Total Pension	\$ 2,244,357	\$ 5,189,047	\$ 7,433,404
Servco Allocation	248,343	795,663	1,044,006
	23.8% *	76.2% •	
ки	\$ 1,996,014	\$ 4,393,384	\$ 6,389,398
1000 1000	31.2% *	68.8%	
Test Year	Capital	Expense	Total

2010	Capital 31.2% •	Expense 68.8% *	Totai
κυ	\$ 1,907,669 23.8% *	\$ 4,198,928 76.2% *	\$ 6,106,597
Servco Allocation	239,376	766,933	1,006,309
Total Pension	\$ 2,147,045	\$ 4,965,861	\$ 7,112,906

Post Employment

Test Year		Capital	Expense	 Total
ки	\$	28.5% • 130,161	\$ 71.5% * 326,126	\$ 456,287
	:	21.4% •	78.6% *	
Servco Allocation		34,045	124,911	158,956
Total Pension	\$	164,206	\$ 451,037	\$ 615,243

2010		Capital	 Expense	Total
κυ	\$	28.5% * 28,655	\$ 71.5% * 71,796	\$ 100,451
Servco Allocation	2	21.4% * 52,373	78.6% • 192.155	244,528
Total Pension	\$	81,028	\$ 263,951	\$ 344,979

 The allocation percentage used here for both capital and expense are the same as those used on the proformal In addition, the Servco pension cost allocation pecentage to KU is the same as that used on the proformal (Rives Testimony Exhibit 1 Reference Schedule 1.17, revised per PSC 1-43) .

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 41

Responding Witness: Daniel K. Arbough

- Q-41. Refer to Exhibit 1, Reference Schedule 1.19 of the Rives Testimony, which reflects an adjustment for the premium of a new pollution liability insurance policy.
 - a. Provide a copy of the insurance policy.
 - b. Pursuant to the Rives Testimony at page 13, lines 17 19, the policy appears to protect against claims that could be considered the responsibility of shareholders given the Commission's historic rate treatment of pollution-related fines and penalties incurred by jurisdictional utilities. If it serves to protect shareholders, explain why the policy's cost should be recovered via rates and borne by ratepayers.
- A-41. a. There are five policies that have been bound. The only policy that has been received thus far for this coverage is attached on CD in the folder titled Question No. 41. It is the primary policy from Chartis and the other policies will follow the form of this policy.
 - b. The policy does not provide coverage for fines and penalties. It responds to a variety of property damage and liability costs associated with a covered event. This would include clean up costs associated with a spill or other environmental condition that would otherwise be recoverable from ratepayers.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 42

Responding Witness: Lonnie E. Bellar

- Q-42. Refer to Exhibit 1, Reference Schedule 1.20, of the Rives Testimony and pages 13 14 of the Direct Testimony of Lonnie E. Bellar ("Bellar Testimony") concerning the "Hazard Tree" program and the related adjustment. Provide the workpapers, spreadsheets, etc. which show the derivation of the total company amount of \$5,864,342 and an explanation of how the KU allocation of 70 percent was determined.
- A-42. The "Davies Report" is the source for the Hazard Tree program and is provided on the attached CD in the folder titled Question No. 42. The "Total O&M" on the attached workpaper shows the support for the total company amount of \$5,864,342. The Hazard Tree program spend was allocated based on the 2008 actual vegetation management spend ratio between KU and LG&E determined as follows:

		ACTUAL	
	20	008 SPEND	RATIO
KU	\$	10,906,000	70%
LG&E	\$	4,656,000	30%
TOTAL	\$	15,562,000	100%

Attachment to Response to KU KPSC-2 Question No. 42 Page 1 of 1 Bellar

		Capi	tal-Hardening Pro	gram		Capital-Undergrounding Service Pilot O&M-Hazard Tree Progra									
	KU Dist	KU Trans	LG&E Dist	LG&E Trans	Total	KU Dist	LG&E Dist Total	KU LG&E	Total						
Scenario 1	\$ 96,917,024	\$ 25,349,200	\$ 110,970,452	\$ 16,597,400	\$ 249,834,075	\$ 800,000	\$ 800,000 \$ 1,600,000	\$ 20,525,196 \$ 8,796,513	\$ 29,321,709						
Scenario 2	\$ 75,271,661	\$ 19,310,240	\$ 93,447,661	\$ 11,933,480	\$ 199,963,042	\$ 800,000	\$ 800,000 \$ 1,600,000	\$ 20,525,196 \$ 8,796,513	\$ 29,321,709						
Scenario 3	\$ 54,181,199	\$ 13,055,880	\$ 71,218,780	\$ 11,541,080	\$ 149,996,939			\$ 20,525,196 \$ 8,796,513							
Scenario 4	\$ 36,647,746	\$ 4,155,640	\$ 50,712,237	\$ 8,484,280	\$ 99,999,903	\$ 800,000	\$ 800,000 \$ 1,600,000	\$ 20,525,196 \$ 8,796,513	\$ 29,321,709						

Assumptions: Hazard Tree program spend will be allocated based on current vegetation management spend ratio between KU and LG&E Hazard Tree program will be ongoing and extend beyond 2015 The expand ROW hardening options will be charged to capital. Other utilities have used this approach. It will require Accounting approval Undergrounding service piol will be spitt evenly between LG&E and KU The hardening investment will start mid-year 2010

Projected Cash Flows

Scenario 1		5%		20%		30%		30%		15%		
	1	2010		2011		2012		2013		2014		Total
LG&E Trans Capital	5	829,870	5	3,319,480	\$	4,979,220	\$	4,979,220	\$	2,489,610	\$	16,597,400
LG&E Dist Capital	15	5,898,523	5	22,569,090	5	33,316,135	\$	33,341,135	\$	16,645,568	\$	111,770,452
KU Trans Capital	5	1,267,460	\$	5,069,840	5	7,604,760	S	7,604,760	S	3,802,380	\$	25,349,200
KU Dist Capital	15	5,195,851	5	19,758,405	5	29,100,107	5	29,125,107	5	14,537,554	\$	97,717,024
Total Capital	\$	13,191,704	\$	50,716,815	5	75,000,223	5	75,050,223	5	37,475,111	5	251,434,075
KU OBM	- 5	2,052,520	5	4,105,039	5	4,105,039	5	4,105,039	5	4,105,039	5	18,472,677
LG&E O&M	\$	879,651	5	1,759,303	5	1,759,303	5	1,759,303	\$	1,759,303	\$	7,916,861
Total O&M	5	2,932,171	\$	5,864,342	\$	5,884,342	\$	5,864,342	5	5,864,342	\$	26,389,538

Scenario 2		5%		20%		30%		30%		15%		
	T	2010		2011		2012		2013		2014		Total
LG&E Trans Capital	5	596,674	\$	2,386,696	\$	3,580,044	\$	3,580,044	5	1,790,022	\$	11,933,480
LG&E Dist Capital	5	5,022,383	\$	19,064,532	\$	28,059,298	\$	28,084,298	\$	14,017,149	5	94,247,681
KU Trans Capital	15	965,512	\$	3,662,048	\$	5,793,072	5	5,703,072	S	2,896,536	\$	19,310,240
KU Dist Capital	15	4,113,583	5	15,429,332	5	22,606,498	5	22,631,498	-5-	-11,290,740		-76,071,681
Total Capital	5	10,698,152	\$	40,742,608	\$	60,038,913	\$	60,088,913	\$	29,994,456	\$	201,563,042
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KU O&M	\$	2,052,520		4,105,039	\$	4,105,039	\$		\$	4,105,039		18,472,677
LG&E O&M	5	879,651	\$	1,759,303		1,759,303			5	1,759,303		7,916,861
Total O&M	\$	2,932,171	\$	5,884,342	\$	5,884,342	\$	5,884,342	\$	5,864,342	\$	26,389,538
Scenario 3		5%		20%		30%		30%		15%		
		2010		2011		2012		2013		2014		Total
LG&E Trans Capital	\$	577,054		2,308,216		3,462,324	\$		\$	1,731,162		11,541,080
LG&E Dist Capital	5	3,910,939	5	14,618,756	\$	21,390,634	\$	21,415,634	\$	10,682,817	\$	72,018,780
KU Trans Capital	\$	652,794	5	2,611,176	5	3,916,764	\$		5	1,958,382	\$	13,055,880
KU Dist Capital	5	3,059,060	5	11,211,240	5	16,279,360	S	16,304,360		8,127,180	\$	54,981,199
Total Capital	\$	8,199,847	\$	30,749,388	\$	45,049,082	\$	45,099,082	\$	22,499,541	5	151,598,939
KU O&M	\$		5	4,105,039		4,105,039	\$	4,105,039		4,105,039	\$	22,577,718
LG&E O&M	\$	879,651		1,759,303		1,759,303		1,759,303		1,759,303		9,676,164
Total O&M	5	2,932,171	\$	5,864,342	\$	5,854,342	5	5,864,342	15	5,864,342	15	32,253,880
										•		
Scenario 4		5%		20%	_	30%		30%		15%		
		2010		2011		2012		2013		2014		Total
LG&E Trans Capital	\$	424,214			5	2,545,284		2,545,284			5	8,484,280
LG&E Dist Capital	5		S	10,517,447	\$		S	15,263,671		7,606,836	5	51,512,237
KU Trans Capital	\$		S	831,128	\$	1,246,692		1,246,692			\$	4,155,640
KU Dist Capital	5		\$	7,704,549	5		5	11,044,324		5,497,162	5	37,447,748
Total Capital	5	5,699,995	\$	20,749,981	5	30,049,971	15	30,099,971	15	14,999,985	15	101,599,903
	_			_			-		1		1	
KU O&M	5		\$	4,105,039	5	4,105,039		4,105,039		4,105,039	15	22,577,716
LG&E O&M	5		5	1,759,303	\$		\$	1,759,303			5	9,676,164
Total O&M	15	2,932,171	15	5,864,342	5	5,864,342	1.0	5,884,342	5	5,884,342	15	32,253,880

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 43

Responding Witness: Shannon L. Charnas

Q-43. Refer to Exhibit 1, Reference Schedule 1.24 of the Rives Testimony. Provide a detailed analysis of the "Expenses related to Retired Mainframe for the Twelve Months Ended October 31, 2009" that were eliminated from the test year.

A-43.

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Account	Description	Amount
921	COMPUTERS AND SUPPLIES	\$293.34
921 Total		293.34
923	OUTSIDE SERVICES	47,075.50
923 Total		47,075.50
935	OUTSIDE SERVICES	282,155.14
	TRANSPORTATION ALLOCATION	62.28
	HARDWARE LEASES	67,237.37
	SOFTWARE LEASES	548,974.71
935 Total		898,429.50
Grand Total		\$945,798.34

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 44

Responding Witness: Valerie L. Scott/Lonnie E. Bellar

- Q-44. Refer to Exhibit 1, Reference Schedule 1.27 of the Rives Testimony and page 7 of the Scott Testimony.
 - a. Provide copies of the pages of KU's general ledger showing the entries made to defer the 2009 winter storm restoration costs.
 - b. Given the magnitude of the 2009 winter storm restoration costs, explain whether any consideration was given to amortizing the costs over a period longer than five years. Confirm whether the five-year proposed amortization period is based on anything other than the amortization period authorized in previous cases.
- A-44. a. See the attachment on CD in the folder titled Question No. 44. Pages 33 to 89 of the 2008 Windstorm schedule show where the expenses were originally charged in the general ledger. The expenses were later moved to the regulatory asset on the journal entries provided on pages 1 to 6. Pages 7 to 17 are copies of the Oracle general ledger account analysis report for account number 182334 showing where the regulatory asset of \$2,195,516 was recorded.

Pages 90 to 709 of the 2009 Winter storm schedule show where the expenses were originally charged in the general ledger. The expenses were later moved to the regulatory asset on the journal entries provided on pages 18 to 28. Pages 29 to 32 are copies of the Oracle general ledger account analysis report for account number 182320 showing where the regulatory asset of \$57,236,758 was recorded.

b. When determining the proposed amortization period consideration was given to the typical five year amortization period previously authorized by the Commission in other proceedings. The companies believe that a five year period applied in this instance balances the need to lessen the near-term impact of the recovery of storm expenses with the desire to reasonably allocate costs to those who benefited from the restoration effort. Significant capital investments were also made as part of the restoration effort and those costs will be subject to recovery over the useful life of those investments.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 45

Responding Witness: Lonnie E. Bellar

- Q-45. Refer to Exhibit 1, Reference Schedule 1.32 of the Rives Testimony and page 13 of the Bellar Testimony concerning the adjustment related to the settlement with the Southwest Power Pool ("SPP"). The \$2.27 million was a one-time payment and LG&E and KU recently received Commission approval in Case No. 2009-00427 to begin performing the Independent Transmission Operator services that SPP has performed but will cease to perform when its contract with LG&E and KU expires. Given the non-recurring, one-time nature of this payment, explain in detail why any portion of it should be included, on an after-the-fact basis, in KU's revenue requirement.
- A-45. The \$2.27 million one-time payment to SPP was compensation for costs for SPP's activities as the Independent Transmission Operator ("ITO") for KU/LG&E for 42 months of the initial term of the ITO agreement. The total SPP contract cost would be the current contract cost of \$3.34 million per year plus the annual cost of the one-time payment of \$0.65 million per year (\$2.27/42 months x 12 months) equals \$3.99 million per year. The Companies project that their annual cost to self-provide ITO services will be approximately \$3-4 million, not including start-up costs of approximately \$2 million. Therefore, the current total annual SPP cost of \$3.99 million reflects the expected level of annual cost for the Company to self-provide ITO services as approved by the Commission's Order in Case No. 2009-00427 issued February 2, 2010.

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PUBLIC SERVICE COMMISSION

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 46

Responding Witness: Ronald L. Miller

Q-46. Refer to Exhibit 1, Reference Schedule 1.43 of the Rives Testimony.

- a. Provide workpapers and tax returns supporting the prior year federal and state income tax true-ups.
- b. Provide the tax returns where the basis for the "true-ups" originated.
- c. Provide an explanation of the "true-ups" and discuss why it is appropriate to exclude them from rates.

A-46. a. See attachment.

- b. Refer to the 2008 pro forma income tax returns provided in the response to KPSC-1 Question No. 26(a)(8).
- c. See part "a" of this question for a description of the individual "true ups". Most adjustments relate to tax expense, or tax benefit, from a period prior to the test year. This adjustment removes these items that are before the test period so the income tax expense only reflects items relating to the 12 month test period. KU proposed a similar adjustment in its most recent base rate case, Case No. 2008-00251 and a similar adjustment was also approved by the Commission in Case No. 2003-00434.

	Comments	are about the provided for accurate to the second	Represents the October 2008 estimated tax accrual that was reversed in December 2000. Estimated tax accurate ar	ars.	246,000 Additional one time reserve related to the deduction on the 2008 tax return for the Brown Environmental Assessment.	(206) Booking of the benefit associated with the reallocation of E.ON US Investment Corp.'s other deductions for in prior years.	the 2007 E.ON U.S LLC holding company losses.		income tax return to actual.	income tax return to actual.	income tax return to actual.	income tax return to actual.		ing income are not listed here.		Attachment to Response to KU KPSC-2 Question No. 46(a) Page 1 of 4 Miller
Kentucky Utilities Company Case No. 2009-00548 Drive Vear Federal and State Income Tax "True-ups"			Represents the October 2008 estimated tax accrual that was reversed in December 2009. Estimate 141,443 recorded on the non-quarter months and trued-up on the quarter month's tax provision calculation.	(331,416) Reserve adjustments related to 2007 and 2008 tax years	246,000 Additional one time reserve related to the deduction	(206) Booking of the benefit associated with the reallocation	(526,721) Booking of the tax benefit related to reallocation of the 2007 E.ON U.S LLC holding company losses		(229,552) True-up to permanent difference taken on the 2008 income tax return to actual	(36,198) True-up to permanent difference taken on the 2008 ncome tax return to actual	(4,710) True-up to permanent difference taken on the 2008 income tax return to actual	317,659 True-up to permanent difference taken on the 2008 income tax return to actual.	(423,701)	Note : The permanent estimated versus actual above are only the items that are above net operating income, the items below net operating income are not listed here.		•
	Ctota	21410	(17,593)	(155,530)	36,000		(868,602)		(33,593)	(5,297)	(689)	38,802	(1,006,502)	are only the iten		
	Tourshard T	r cuci ai	159,036	(175,886)	210,000	(206)	341,881	sdn-:	(195,959)	(30,901)	(4,021)	278,857	582,801	sus actual above		
	E E	Prior Year Income 1 ax 11 ue-up. Tax expense (benefit)	Over (under) Accrual of Taxes	Reserves and adjustments	Additional Reserve	ETISIC Reallocation	EUS Loss Reallocation	Permanent Estimated vs. Actual True-ups	A FLIDC Flow-Through	FAS 112 Subsidy	Nondeductible Meals	Sec. 199 Deduction		Note : The permanent estimated ver		

	State Tax True-Up		$\begin{array}{cccccccccccccccccccccccccccccccccccc$? Question No. 46(a) Page 2 of 4 Miller
	Federal Tax State True-Up True		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Attachment to Response to KU KPSC-2 Question No. 46(a) Page 2 of 4 Miller
,	I Difference	- 45,480,399 15,253,923 1	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Attachment to F
NY VITH ACCRUAL 008	Tax Return	225,206,392 45,480,399 15,253,923 (10,278,106)	(6,040,969) (96,250) (96,250) (347,223) (347,223) (1,854,761) (1,854,761) (1,854,761) (1,854,761) (1,854,761) (1,854,761) (1,854,761) (1,854,761) (1,854,761) (1,1,884) (4,378) (1,1,189) (3,433,982) (1,1,79,674) (1,179,674)	
KENTUCKY UTILITIES COMPANY CASE NO. 2009-00548 RAL TAX COMPANSON OF ACTUAL WITH ACCRUAL YEAR ENDED DECEMBER 31, 2008	Books	225,206,392 (10,278,107)	(5,481,085) (36,750) (24,000,000) (347,223) 24,904 (1,854,761) 441,832 150,664 700,006 (7,377,362) (37,779,775) (37,779,775) (13,189) 939,296 (138,825) (13,189) 939,296 (138,825) (373,020) 3,000,000 (2550,000) (4,371)	
KENTL FEDERAL TAX COM		BOOK INCOME BEFORE TAX AND SUBSIDIARY EARNINGS FEDERAL INCOME TAX-CURRENT FEDERAL INCOME TAX-DEFERRED STATE INCOME TAX Benefit/(Expense)	AFUDC Dividend income exclusion (70%) EEI @ 80% Fas 106 Subsidy Fuel Credit Fas 112 Subsidy Life Insurance Non-Deductible Contributions Non-Deductible Lobbying & Political Expenses Non-Deductible Lobbying & Political Expenses Non-Deductible Lobbying & Political Expenses Non-Deductible Contributions Non-Deductible Contributions Non-Deductible Contributions Non-Deductible Contributions Non-Deductible Contributions Non-Deductible Contributions Non-Deductible Penaltics Non-Deductible Penaltics N	

	Federal Tax State Tax Difference True-Up True-Up			-	(146,459)	2,318	126	-	(671)			1,197,828	(19,000)		-	00,000	(13 968,533)			•				(2 273, 138)	1.012.803	2,188,420		(148,366,607)	Attachment to Response to KU KPSC-2 Question No. 46(a) Page 3 of 4	Miller
KENTUCKY UTILITIES COMPANY CASE NO. 2009-00548 FEDERAL TAX COMPARISON OF ACTUAL WITH ACCRUAL YEAR ENDED DECEMBER 31, 2008	Books Tax Return	8,487 8,487	ŝ		1,026,806 1 650,347		~		(1,690,143) $(1,690,272)$	28,00 120,00 2,880 2.880	(2;	52			~ ~		2,455,471 5,455,471 5,455,471 5,455,471 5,455 5,40 (10,745,534)		C	6)					(1 003 377) (80 569)			(184.)		
		Deferred Rent	Demand Side Management (DSM)	Environmental Assessment - Brown	Equity in Subsidiary	FAS 100 POST REUTEINEIN DEUELIIS EAS 117 Doct Finnloyment Renefits	Fas 143-ARO	Fas 143-Accretion Expense	Fas 143 -Regulatory Credits	FICA Accrual Adjustment	FIN 48 Interest	Fuel Adjustment Clause Ketund & Kecovery	linerest Capitalized I anal Evnanse Reserve	Loga Lapono 1000 - Amortization	Mark to Market Adjustment	Merger Surcredit	Miso Exit Fees/Transmission Tariff	Non-Deductible Pensions	Non-Qualified Thrift Plan (Officers Det. Comp.)	Ower/I Inder Collections-Va	Over Under PSC Tax	Over Under Un/Ins	Public Liability Reserve	Regulatory Expense	Repair Allowance	State Income Tax - Current versus Accrual	Storm Damages	Supplemental Keurement Tax Depreciation		

	Federal Tax State Tax True-Up True-Up							Attachment to Response to KU KPSC-2 Question No. 46(a) Page 4 of 4 Miller
,	Difference	4,535,564 (134,667) (464,807) -	(17,700,932)	(17,700,930) = = = = = = = = = = = = = = = = = = =	(6,195,326)	43,320 246,000 (2,538,350) 24,763,964 590,306	16,909,915 = = = = = = = =	Attachment
PANY L WITH ACCRUAL , 2008	Tax Return	573,090 (3,675,871) (102,200) (506,179) 1,007,330	(36,670,254)	178,258,032	62,390,311		62,390,313 = = = = = = =	
KENTUCKY UTILITIES COMPANY CASE NO. 2009-00548 AX COMPARISON OF ACTUAL WITI YEAR ENDED DECEMBER 31, 2008	Books	(3,962,474) (3,541,204) 362,607 (506,179) 18,810,453	(18,969,322)		68,585,637	(43,318) (246,000) 2,538,350 (24,763,964) (590,306)	45,480,399 $= = = = = = = = =$	
KENTUCKY UTILITIES COMPANY CASE NO. 2009-00548 FEDERAL TAX COMPARISON OF ACTUAL WITH ACCRUAL YEAR ENDED DECEMBER 31, 2008		Tax Gain/(Loss) on Disposal of Assets/Partnership Interest-4797 Unamortized Loss on Bonds (loss on reacquired debt) Vacation Pay Workers Compensation Total Temporary Differences	Total Adjustments	FED TAXABLE INCOME	Tax @ 35%	R&D Credit & Wind Credits & FTC Reserves & Other Estimate vs. Actual Other Current Yr (Describe in Comments) Other Prior Yr (Describe in Comments)	Net Tax	

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 47

Responding Witness: Ronald L. Miller

- Q-47. Refer to Rives Exhibit 1, Reference Schedule 1.45; page 1 of Rives Exhibit 3; Rives Exhibit 2; and page 6 of the Direct Testimony of Ronald L. Miller concerning the Advance Coal Investment Tax Credit ("ACITC").
 - a. Provide workpapers showing the derivation of the permanent difference shown on reference schedule 1.45 in the amount of \$1,475,013 resulting from the permanent difference due to loss of depreciable tax basis that is attributable to the ACITC.
 - b. Provide workpapers, spreadsheets, etc. which show the derivation of the \$84,059,458 amount of the Investment Tax Credit removed from the rate base on Exhibit 3.
 - c. Explain why it is appropriate to make an adjustment to pro forma income taxes removing the effects of this permanent difference.
 - d. In his testimony in KU's application in Case No. 2007-00178, Kent W. Blake described the planned rate-making treatment of the ACITC when determining KU's future base rates. Describe all the effects of KU's proposed treatment of the ACITC in this case and identify where in the exhibits related to determining its electric revenue requirement, other than Rives Reference Schedule 1.45 and Rives Exhibit 3, those effects are shown.
- A-47. a. In the process of data review, an inadvertent error was discovered in the book depreciation lives used to amortize the ACITC. The original permanent difference filed as Rives Exhibit 1 Reference Schedule 1.45 was \$1,475,013. The revised amount of the permanent difference, reflecting the correct property lives, is \$1,030,565. Attached are the workpapers showing the derivation of the revised permanent difference of \$1,030,565.
 - b. See attachment. The amount has been revised since original filing to deduct one year of amortization of the investment tax credit from the balance at October 31, 2009.
 - c. The pro forma adjustment does not remove the effect of the permanent difference, it reflects the additional income tax expense the company is required to pay as a result of this loss of tax basis. As required by Internal Revenue Code 50(c), the depreciable

tax basis of the assets that create the ACITC must be reduced by the amount of the ACITC. As a result of this adjustment, the tax depreciation will be less than the book depreciation on these assets over the life of the assets. This loss of tax depreciation increases taxable income and the corresponding income taxes the company is required to pay, therefore requiring the adjustment to pro forma income taxes.

d. KU's treatment of the ACITC in this filing is consistent with the treatment described by Kent W. Blake in Case No. 2007-00178. KU is required to consistently apply the same rate treatment for its ACITC that has been used since it elected Section 46(f)(1) of the Internal Revenue many years ago. This election (Option 1) requires rate base be adjusted by the unamortized investment tax credit balance. This method is referred to as the "ratable restoration" method since it reduces the utility rate base by the amount of the credit and then restores the rate base as the credit is amortized over the life of the asset. Rives Exhibit 3, line 10, shows the reduction of rate base for the unamortized investment tax credit. The amortization of the investment tax credit for the company will be below net operating income so no pro-forma adjustment is necessary. The final issue described by Mr. Blake is the tax gross up required for the basis difference created by the ACITC. This issue was further discussed in (c) above.

Depreciation Rate ACITC Amo	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	38.90% \$ 1,030,565	Attachment to Response to KU KPSC-2 Question No. 47(a) Page 1 of 1 Miller
ACITC Claimed	5,99 74,11 12,97 4,52 68 68 08 29		
	6 9		Attac
% of Total	6.10 75.40 13.20 4.60 0.70	1000	
Plant Cost	28,654,127 354,183,794 62,005,651 21,608,030 3,288,178	ax basis	
	↔ 6	ciable 1	
Trees According to According 21, 2009	 1C2 Assets at October 51, 2005 311 Structures and Improvements 312 Boiler Plant Equipment 314 Turbine Generator Equipment 315 Accessory Electric Equipment 316 Miscellaneous Power Plant Equipment 	Total Provide Tax Rate Permanent difference due to the loss of depreciable tax basis	

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Attachment to Response to KU KPSC-2 Question No. 47(b) Page 1 of 1 Miller

% of Total ACITC Claimed	\$ 5,995,776	74,111,722	12,974,466	4,521,405	688,040	\$ 98,291,408	
% of Total	6.10	75.40	13.20	4.60	0.70	100.00	
	127	794	651	030	178	780	
Plant Cost	28,654,127	354,183,794	62,005,65	21,608,030	3,288,1	469,739,780	
	÷					S	

316 Miscellaneous Power Plant Equipment

Total

314 Turbine Generator Equipment315 Accessory Electric Equipment

TC2 Assets at October 31, 2009 311 Structures and Improvements 312 Boiler Plant Equipment

ACITC Claimed
Accumulated Job Development ITC at October 31, 2009
Less One Year Amortization of ACITC
COSS2009-10 - Total Accumulated Deferred Investment Tax Credits
Inrisdictional Allocator
Kentucky Jurisdictional Accumulated Deferred Investment Tax Credit

(2,649,268) 95,661,834

\$

98,291,408 19,694

ф

85.5035%

81,794,240

⇔

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 48

Responding Witness: Valerie L. Scott

Q-48. Refer to Exhibit 1, Reference Schedule 1.47 of the Rives Testimony.

- a. Provide the calculation of the bad debt factor of .28 percent and confirm that this is the actual factor for the test year.
- b. Provide the bad debt factors for calendar years 2006, 2007 and 2008.
- c. Describe the company's standard policy on when it charges or writes off uncollectible accounts as bad debts.
- d. For the test year and the year immediately preceding the test year, provide an end-ofperiod comparison of the level of uncollectible accounts that were 30, 60, and 90 days old.

A-48. a. See table below.

Net charge-offs for the test year ended 10/31/09	\$ 3,287,032
Billed revenues from ultimate consumers for the twelve months ended 10/31/09	\$ 1,163,086,207
Revenues eligible for charge-off / actual amounts charged-off during test year	0.28%

b. See table below.

Year	Bad Debt Factor
2006	0.23%
2007	0.19%
2008	0.24%

- c. Accounts are written off at 109 days from the final bill due date, or date of last payment activity following final bill, whichever is later.
- d. Please see response to (c.) above, the Company does not have uncollectible accounts that are 30, 60, or 90 days old.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 49

Responding Witness: Daniel K. Arbough

- Q-49. Refer to page 2 of the Direct Testimony of Daniel K. Arbough and Arbough Exhibit 2. Page 2 of the article in the exhibit states, "Table 1 in this article is no longer current. It has been superseded by the table found in 'Criteria Methodology: Business Risk/Financial Risk Matrix Expanded,' published May 27, 2009, on RatingsDirect." Provide a copy of this article.
- A-49. Please see attached.

STANDARD & POOR'S

Criteria | Corporates | General: Criteria Methodology: Business Risk/Financial Risk Matrix Expanded

Primary Credit Analysts:

Solomon B Samson. New York (1) 212-438-7653, sol_samson@standardandpoors.com Emmanuel Dubois-Pelerin. Paris (33) 1-4420-6673, emmanuel_dubois-pelerin@standardandpoors.com

Table Of Contents

Business Risk/Financial Risk Framework

Updated Matrix

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How To Use The Matrix--And Its Limitations

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Criteria | Corporates | General: Criteria Methodology: Business Risk/Financial Risk Matrix Expanded

(*Editor's Note: In the previous version of this article published on May 26, certain of the rating outcomes in the table 1 matrix were missated. A corrected version follows.*)

Standard & Poor's Ratings Services is refining its methodology for corporate ratings related to its business risk/financial risk matrix, which we published as part of 2008 Corporate Ratings Criteria on April 15, 2008, on RatingsDirect at www.ratingsdirect.com and Standard & Poor's Web site at www.standardandpoors.com.

This article amends and supersedes the criteria as published in Corporate Ratings Criteria, page 21, and the articles listed in the "Related Articles" section at the end of this report.

This article is part of a broad series of measures announced last year to enhance our governance, analytics, dissemination of information, and investor education initiatives. These initiatives are aimed at augmenting our independence, strengthening the rating process, and increasing our transparency to better serve the global markets.

We introduced the business risk/financial risk matrix four years ago. The relationships depicted in the matrix represent an essential element of our corporate analytical methodology.

We are now expanding the matrix, by adding one category to both business and financial risks (see table 1). As a result, the matrix allows for greater differentiation regarding companies rated lower than investment grade (i.e., 'BB' and below).

Business Risk Profile			Fina	ncial Risk Pro	file	
	Minimal	Modest	Intermediate	Significant	Aggressive	Highly Leveraged
Excellent	AAA	AA	A	A-	BBB	
Strong	AA	A	A-	BBB	BB	BB-
Satisfactory	A-	BBB+	BBB	BB+	BB-	B+
Fair		BBB-	BB+	BB	BB-	В
Weak			88	BB-	B+	В.
Vulnerable				B+	В	CCC+

Table 1

These rating outcomes are shown for guidance purposes only. Actual rating should be within one notch of indicated rating outcomes

The rating outcomes refer to issuer credit ratings. The ratings indicated in each cell of the matrix are the midpoints of a range of likely rating possibilities. This range would ordinarily span one notch above and below the indicated rating.

Criteria | Corporates | General: Criteria Methodology: Business Risk/Financial Risk Matrix Expanded

Business Risk/Financial Risk Framework

Our corporate analytical methodology organizes the analytical process according to a common framework, and it divides the task into several categories so that all salient issues are considered. The first categories involve fundamental business analysis; the financial analysis categories follow.

Our ratings analysis starts with the assessment of the business and competitive profile of the company. Two companies with identical financial metrics can be rated very differently, to the extent that their business challenges and prospects differ. The categories underlying our business and financial risk assessments are:

Business risk

- Country risk
- Industry risk
- Competitive position
- Profitability/Peer group comparisons

Financial risk

- Accounting
- Financial governance and policies/risk tolerance
- Cash flow adequacy
- Capital structure/asset protection
- Liquidity/short-term factors

We do not have any predetermined weights for these categories. The significance of specific factors varies from situation to situation.

Updated Matrix

We developed the matrix to make explicit the rating outcomes that are typical for various business risk/financial risk combinations. It illustrates the relationship of business and financial risk profiles to the issuer credit rating.

We tend to weight business risk slightly more than financial risk when differentiating among investment-grade ratings. Conversely, we place slightly more weight on financial risk for speculative-grade issuers (see table 1, again). There also is a subtle compounding effect when both business risk and financial risk are aligned at extremes (i.e., excellent/minimal and vulnerable/highly leveraged.)

The new, more granular version of the matrix represents a refinement--not any change in rating criteria or standards--and, consequently, holds no implications for any changes to existing ratings. However, the expanded matrix should enhance the transparency of the analytical process.

Financial Benchmarks

Criteria | Corporates | General: Criteria Methodology: Business Risk/Financial Risk Matrix Expanded

Table 2			
Financial Risk	Indicative Rat	ios (Corporates)	
	FFO/Debt (%)	Debt/EBITDA (x)	Debt/Capital (%)
Minimal	greater than 60	less than 1-5	less than 25
Modest	45-60	1 5-2	25-35
Intermediate	30-45	2-3	35-45
Significant	20-30	3-4	45-50
Aggressive	12-20	4-5	50-60
Highly Leveraged	less than 12	greater than 5	greater than 60

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How To Use The Matrix--And Its Limitations

The rating matrix indicative outcomes are what we typically observe--but are not meant to be precise indications or guarantees of future rating opinions. Positive and negative nuances in our analysis may lead to a notch higher or lower than the outcomes indicated in the various cells of the matrix.

In certain situations there may be specific, overarching risks that are outside the standard framework, e.g., a liquidity crisis, major litigation, or large acquisition. This often is the case regarding credits at the lowest end of the credit spectrum--i.e., the 'CCC' category and lower. These ratings, by definition, reflect some impending crisis or acute vulnerability, and the balanced approach that underlies the matrix framework just does not lend itself to such situations.

Similarly, some matrix cells are blank because the underlying combinations are highly unusual--and presumably would involve complicated factors and analysis.

The following hypothetical example illustrates how the tables can be used to better understand our rating process (see tables 1 and 2).

We believe that Company ABC has a satisfactory business risk profile, typical of a low investment-grade industrial issuer. If we believed its financial risk were intermediate, the expected rating outcome should be within one notch of 'BBB'. ABC's ratios of cash flow to debt (35%) and debt leverage (total debt to EBITDA of 2.5x) are indeed characteristic of intermediate financial risk.

It might be possible for Company ABC to be upgraded to the 'A' category by, for example, reducing its debt burden to the point that financial risk is viewed as minimal. Funds from operations (FFO) to debt of more than 60% and debt to EBITDA of only 1.5x would, in most cases, indicate minimal.

Conversely, ABC may choose to become more financially aggressive--perhaps it decides to reward shareholders by borrowing to repurchase its stock. It is possible that the company may fall into the 'BB' category if we view its financial risk as significant. FFO to debt of 20% and debt to EBITDA 4x would, in our view, typify the significant financial risk category.

Still, it is essential to realize that the financial benchmarks are guidelines, neither gospel nor guarantees. They can vary in nonstandard cases: For example, if a company's financial measures exhibit very little volatility, benchmarks may be somewhat more relaxed. Criteria | Corporates | General: Criteria Methodology: Business Risk/Financial Risk Matrix Expanded

Moreover, our assessment of financial risk is not as simplistic as looking at a few ratios. It encompasses:

- a view of accounting and disclosure practices;
- a view of corporate governance, financial policies, and risk tolerance;
- the degree of capital intensity, flexibility regarding capital expenditures and other cash needs, including acquisitions and shareholder distributions; and
- various aspects of liquidity--including the risk of refinancing near-term maturities.

The matrix addresses a company's standalone credit profile, and does not take account of external influences, which would pertain in the case of government-related entities or subsidiaries that in our view may benefit or suffer from - affiliation with a stronger or weaker group. The matrix refers only to local-currency ratings, rather than foreign-currency ratings, which incorporate additional transfer and convertibility risks. Finally, the matrix does not apply to project finance or corporate securitizations.

Related Articles

Industrials' Business Risk/Financial Risk Matrix--A Fundamental Perspective On Corporate Ratings, published April 7, 2005, on RatingsDirect.

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Attachment to Response to KU KPSC-2 Question No. 49 6 of 6 Arbough

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 50

Responding Witness: Daniel K. Arbough

- Q-50. Refer to the Direct Testimony of William E. Avera ("Avera Testimony") at pages 8 and 9.
 - a. To the extent that KU's capital requirements are satisfied through its parent, explain how E.ON and ultimately KU actually obtain this capital.
 - b. Explain the role that KU's credit ratings from Moody's and Standard & Poors plays in KU's obtaining capital from its parent.
 - c. To the extent that KU issues tax-exempt debt securities to satisfy its capital needs, explain the role that KU's credit ratings from Moody's and Standard & Poors plays in the issuance of this debt.
 - d. To the extent that KU issues tax-exempt debt, explain whether the parent company is liable in any way for repayment.
 - e. To the extent that KU issues tax-exempt debt, explain how KU is able to issue this type of debt and how it actually occurs.
- A-50. a. E.ON raises capital in a variety of ways to fund the needs of KU. It retains profits from operations worldwide and raises debt through a variety of short-term and long-term sources. These include borrowings from short-term lines of credit, issuance of commercial paper, and issuance of long-term bonds. These activities occur in a variety of currencies which E.ON converts to dollars. E.ON then loans these funds to Fidelia, which in turn, loans the funds to KU.

In some cases, E.ON U.S. is providing equity contributions to KU to fund its capital needs. E.ON U.S. is generally borrowing funds from Fidelia and contributing the proceeds of these loans to KU as equity.

b. The loans from Fidelia to KU are priced using the Best Rate Method approved by the KPSC. The Best Rate Method requires KU to obtain three quotes from investment banks for the interest rate at which KU could issue first mortgage bonds. The quotes provided by the investment banks are based on the credit rating of KU. For example,

the KU unsecured debt ratings are BBB+/A2, and the banks' quotes are based on secured ratings of A/A1 (the first mortgage bond rating of KU prior to the elimination of the first mortgage bond program). If the credit ratings were lower, the quoted borrowing rates for KU would be higher. E.ON AG also obtains three quotes for its borrowing costs for a term equal to the loan being provided to KU. Under the Best Rate Method, the interest rate of the loan from Fidelia is the lower of a) the lowest of the three bids obtained by KU and b) the average of the three bids obtained by E.ON AG.

- c. When KU issues tax-exempt bonds into the public market, the rating of the entity is one piece of information that determines the interest rate investors demand. Higher ratings result in lower interest rates and lower ratings result in higher interest rates.
- d. When KU issues tax-exempt bonds the parent company is not liable in any way.
- e. For KU to issue tax-exempt debt, it must have qualifying expenditures. Under the current law, the only KU expenditures that qualify are solid waste disposal projects. Once the company identifies that it has qualifying expenditures, it must obtain an allocation of the state tax-exempt bond cap from the Kentucky Private Activity Bond Allocation Committee. In the case of KU, all tax-exempt bonds are issued by the county in which the qualifying expenditures occurred. Consequently, the respective county fiscal court must approve the issuance of bonds and lending the proceeds of the issuance to KU. KU is responsible for paying all debt service costs under the bonds issued by the county and the investors have no recourse to the county. The KPSC must also approve the long-term debt before KU can issue the bonds.

Once all approvals have been obtained, bond documents are drafted and a public bond offering statement is prepared. An investment bank is selected by KU to sell the bonds to public investors. In some cases, the bonds are issued in a variable rate mode and the investment bank is responsible for remarketing the bonds to investors on a regular basis.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 51

Responding Witness: William E. Avera

- Q-51. Refer to the Avera Testimony at pages 9 11. Provide a copy of the documents referenced in footnotes 4 14.
- A-51. The documents referenced in footnotes 4 14 are contained in the response to AG-1 Question No. 190 and are as follows:

Footnote No.	File Reference
4	WEA WP-1
5	WEA WP-2
6	WEA WP-6
7	WEA WP-7
8	WEA WP-8
9	WEA WP-9
10	WEA WP-10
11	WEA WP-11
12	WEA WP-13
13	WEA WP-14
14	WEA WP-15

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 52

Responding Witness: Robert M. Conroy/William E. Avera

Q-52. Refer to the Avera Testimony at page 12.

- a. Provide a copy of the document referenced in footnote 15 and copies of comparable six-month industry updates for 2009.
- b. Explain whether KU has requested that the Commission alter its Fuel Adjustment Clause mechanism to recover costs in a more timely fashion in order to alleviate investor concerns regarding the lag between expenses incurred and recovered through rates.
- c. Explain how KU's not earning a return on its fuel or purchased power costs is related to whether it is insulated from fluctuations in its power costs.
- d. Explain whether KU is proposing to earn a return on fuel or purchased power costs in addition to the recovery of its actual costs for these activities.
- e. Provide a list of utilities earning a return on fuel or purchased power costs and an explanation of how that is related to exposure to fluctuations in power costs.
- f. Provide a list of states whose utility regulatory commissions have explicitly authorized the electric utility to earn a return on fuel or purchased power costs and a copy of the order.
- g. The fuel and purchased power procurement process is well established in Kentucky and should be well understood by KU. Provide an explanation of what actions this Commission has taken to heighten either company or investor concerns regarding disallowances and how this relates to exposure to fluctuations in power costs.
- A-52. a. The document referenced in Dr. Avera's testimony regarding footnote 15 is contained in the response to AG-1 Question No. 190 and is referenced as WEA WP-16 on the CD provided. A copy of the comparable publication for July 2009 is on the attached CD in folder titled Question No. 52.

- b. KU has not requested that the Commission alter its Fuel Adjustment Clause mechanism. The current operation of the FAC allows for near real-time cost recovery of the variance in fuel prices. The intent of the cited testimony is to clarify that not all fuel costs may be ultimately recoverable from retail customers, and that despite the significant resources dedicated to fuel management, the area will not contribute to KU's earnings.
- c. As noted in Dr. Avera's testimony, while KU's exposure to energy cost volatility is partially mitigated through adjustment mechanisms, investors recognize the ongoing need to finance deferred power production and supply costs. Investors are also aware that KU invests considerable resources to manage fuel procurement, even though the best that the Company can do is to recover its actual costs. As a result, in evaluating their perceptions of risks and required returns, investors would consider that, despite the fact that KU earns no return on fuel costs, the Company is exposed to ongoing uncertainties over the timing of cost recoveries, the potential for disallowances, and the potential need to finance deferred energy cost balances.
- d. No, KU is not proposing to earn a return on fuel or purchased power costs.
- e. Dr. Avera has not conducted any detailed study to identify those utilities that may be permitted to earn a return on fuel costs; nor was such a study necessary to support his analyses and conclusions. Dr. Avera is aware that Baltimore Gas and Electric Company is permitted to recover an administrative charge that includes a shareholder return component.
- f. Please refer to the response to subpart (e), above.
- g. Dr. Avera's testimony at page 12 did not claim that the Commission had taken any steps to heighten the risks associated with KU's ability to recover its power supply costs. Rather, his testimony explained that, despite regulatory provisions that allow for periodic rate adjustments to reflect changes in power costs, investors nonetheless recognize that utilities such as KU remain exposed to the potential need to finance power cost deferrals, especially during times of volatile energy prices, as well as to disallowances.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 53

Responding Witness: William E. Avera

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- Q-53. Refer to the Avera Testimony at pages 13 14. Provide a copy of the documents referenced in footnotes 16 23.
- A-53. The documents referenced in footnotes 16 23 are contained in the response to AG Question No. 190 and are as follows:

Footnote No.	File Reference
16	WEA WP-17
17	WEA WP-12
18	WEA WP-18
19	WEA WP-19
20	WEA WP-20
21	WEA WP-6
22	WEA WP-21
23	WEA WP-21

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 54

Responding Witness: Daniel K. Arbough/William E. Avera

Q-54. Refer to the Avera Testimony at pages 16 - 17.

- a. Provide a copy of the documents referenced in footnotes 26 33.
- b. Provide the data supporting the assertion that commercial and manufacturing demand in 2009 fell five percent from 2008 levels.
- A-54. a. The documents referenced in footnotes 26 33 are contained in the response to AG Question No. 190 and are as follows:

Footnote No.	File Reference
26	WEA WP-24
27	WEA WP-25
28	WEA WP-12
29	WEA WP-14
30	WEA WP-26
31	WEA WP-27
32	WEA WP-28
33	WEA WP-29

b. Commercial and industrial sales (in Gwh's) fell from 10,709 in 2008 to 10,171 in 2009, a decline of 5%.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 55

Responding Witness: William E. Avera

Q-55. Refer to the Avera Testimony at page 18.

- a. Kentucky is not a restructured state. Explain how investors' views of utilities differ between restructured and traditionally regulated states.
- b. Explain whether this Commission has acted in any way that would give investors reason to doubt that KU would be able to recover its costs in a timely fashion or in a manner that would lead investors to view the regulatory environment in Kentucky as hostile.
- A-55. a. While specific differences in regulatory structure are considered by investors, the investment community recognizes that utilities are largely exposed to the same key risk factors identified in Dr. Avera's testimony; including uncertainties over cost recovery and regulatory lag, the financial pressures associated with capital expenditures, and the impact of economic and capital market uncertainties. Dr. Avera has conducted no studies to identify differences in the specific regulatory provisions for each of the jurisdictions in which the companies in the Utility Proxy Group operate because this was not necessary to support his analyses and conclusions. Rather, as explained in his testimony, Dr. Avera's evaluation focused on objective, published benchmarks for investment risks that are widely relied on by investors and in developing risk-comparable proxy groups for the purpose of estimating a fair ROE in regulatory proceedings. These risk measures also consider the impact of differences in the regulatory and industry circumstances faced by the proxy utilities.
 - b. Dr. Avera's testimony did not claim that the Commission had taken any steps that would lead investors to view the regulatory environment in Kentucky as "hostile." On the contrary, Dr. Avera recognized that cost recovery mechanisms approved by the Commission were supportive of KU's financial integrity. At the same time, the investment community recognizes that the continuation of supportive regulation remains crucial to the Company's access to capital and investors recognize that regulatory risk is a key factor in their evaluation of a fair ROE.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 56

Responding Witness: William E. Avera

- Q-56. Refer to Exhibit WEA-2 and the Avera Testimony at page 24. If available, for each utility listed in the Utility Proxy Group and for KU, provide:
 - a. The most current Value Line company profile sheet.
 - b. The 2008 gross revenue and number of customers served.
 - c. The percent of revenues and net income derived from regulated and non-regulated operations, including international operations for 2008 and for 2009 if available.
 - d. Whether the utility operates in traditional or restructured states.
 - e. For each electric utility listed in Value Line, but not selected for the Utility Proxy Group, provide the reason that it was not selected.
- A-56. a. To the extent available, copies of the most current Value Line reports for the companies in the Utility Proxy Group are attached. These Value Line reports supplement those contained on the CD in the response to AG-1 Question No. 190 and referenced as WEA WP-49.
 - b. Dr. Avera did not compile the requested information in the course of preparing his direct testimony because it was not necessary to support his analyses and conclusions. To the extent it is available, information responsive to this request can be obtained from the individual Form 10-K Reports filed by the respective utilities in Dr. Avera's proxy group, which are publicly available at http://www.sec.gov/edgar/searchedgar/companysearch.html.
 - c. Please refer to the response to subpart (b), above.
 - d. Please refer to the response to subpart (b), above.
 - e. The requested information is included in the Excel workbook (WEA WP-58) provided in response to AG-1 Question No. 190

Attachment to Response to KU KPSC-2 Question No. 56 Page 1 of 9 Avera

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Attachment to Response to KU KPSC-2 Question No. 56 Page 2 of 9 Avera

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3.16 3.00 3.22 3.89	2.99	3.68	3.71	3.92	4.45	3.97	4.18	3.71	4,91	5.08	5.07	5.10	5.65	5.90		low" per		7.0
1.41 1.23 1.33 1.50	.86	1.50	1.25	1.49	2.41	1.96	2.13	1.50	2.40	2.13	3.04	2 93	3.30	3.40		s per sh		4.1
<u>1.28</u> <u>1.29</u> <u>1.29</u> <u>1.29</u> <u>1.92</u> <u>1.64</u> <u>1.34</u> <u>1.73</u>	1.29	1.29	1.29 2.82	1.29	1.29	1.29 5.20	1.30 3.88	1.34	1.38	1.46 6.89	1.58	1.75 6.40	1.83	1.91	Div'd De Cap'l St	pending p		2
13.30 13.44 13.59 13.42	13.67	12.75	14.22	15.81	16.57	16.21	16.80	14.98	18.50	16.31	17.28	18.80	20.30	22.00	Book Va	lue per a	h C	28.
44.81 352.83 362.44 375.60 13.8 15.4 14.8 12.5	388.92	372.64	491.60	529.40 20.9	616.20	650.00 15.2	680,00 15.1	694.00 24.9	698.00 16.0	576.80 20.6	583.20	598.00 11.5	598.00	604.00	Commo	n Shs Ou n'i P/E Ra		616.
.91 1.03 .93 .72	1.28	.83	1.26	1.07	.66	.87	.80	1.33	.86	1.09	.83	.76	Value	Line		P/E Rati		1.
6.6% 6.9% 8.6% 6.9%	6.1%	5.9%	5.3%	4.1%	4.4%	4.3%	4.0%	3.6%	3.6%	3.3%	3.8%	5.2%	estin	ates	Avg An	n'i Div'd Y	rield	4.1
APITAL STRUCTURE as of 9/3 tal Debt \$17581 mill. Due in 5		7 (i mil)	9260.0	10558	10218	12078	13972	18041	16482	15674	16290	15144	16850	17800	Revenu	• •		205
F Debt \$16223 mill. LT Intere			624.0 31.7%	775.0	1378.0 33.1%	1261.0 34.9%	1425.0 35.4%	1050.0	1704.0	1414.0 33.4%	1781.0	1759.0	2000	2075	Net Pro	ne (arran) Tax Rate		25
.T interest earned: 4.5x) eases, Uncapitalized Annual rei	ntals \$121	1.0 mill	3.5%	5.3%	6.9%	7.9%	4.9%	9.7%	7.9%	7.3%	4.9%	6.0%	5.0%	5.0%	AFUDC	% to Net	Profit	4.0
ension Assets-12/08 \$3.76 bill.		\$3.89 bill	58.3%	60.2% 38.0%	56.2% 42.7%	59.4% 39.7%	57.0% 42.0%	57.9%	52.9% 46.2%	57.8%	59.1% 39.8%	57.4% 41.7%	58.0% 41.5%	56.5% 43.0%		irm Debt		54.0 45.5
fd Stock \$257.0 mill. Pfd Div'd	1 \$ 16.0 m	iH.	17987	22003	23927	26571	27190	25307	27961	22898	25290	26976	29325	31075		ipital (\$rr		381
,340,140 shs. \$4.04-\$7.05, \$100 ble at \$101.00-\$112.50/sh.; 2,50			14040	18681	20257	25850	26716	28940	29382	21352	23274	25592	27825	30075	Not Pla			37:
Ioney Market Pld. shs, Excl. pld. ommon Stock 597,240,826 shs	due withi		5.9% 8.3%	5.3% 8.9%	7.7% 13.2%	6.5% 11.7%	6.9% 12.2%	6.1% 9.9%	7.9%	8.0%	8.7%	8.5% 15.3%	8.5% 16.0%	8.5% 15.5%		on Total (on Shr. E		8.5
			8.0%	9.0%	13.3%	11.8%	12.3%	9.9%	13.1%	14.9%	17.5%	15.5%	16.5%	15.5%	Return	on Com I	Equity E	
ARKET CAP: \$23 billion (Larg			109%	1.2%	6.3% 54%	4.0% 67%	4.8% 62%	1.1%	5.6%	67%	8.4% 52%	6.3%	7.5%	7.0%		d to Com ds to Net		6.1 54
LECTRIC OPERATING STATIS 2006	2007	2008				lesources	I	1	1	1				1	9%. Gen			
Change Retail Sales (KWH) -1.8 rg. indust. Use (KWH) 16014	+4.9 16221	-1.5 16326	for Vin	ginla Pov	ver, whi	th serves	2.4 mil	ion cust	mers in	Virginia	33%; n	uclear, 3	1%; gas,	6%; oil,	1%; pur	chased,	29% Fi	uel cos
vg. Indust. Ravs. per KWH (\$) NA apacity at Peak (alw) NA	NA NA	NA NA				Carolina ars in OH,									c. rates: & CEO:			
sak Lond, Summer (Mr) NA musi Lond Factor (%) NA	NA NA	NA NA	tions is	nclude in	depende	nt power	produc	tion and	gas & c	il prod-	Virginia	. Address	s: P.O. B	ox 26532	2, Richmy	ond, Virg		
Change Customer's (yr-end) +1.7	+.6	+1.1				breakdow					_			nei: www	dom.co	m. 		
xed Charge Cov. (%) 293	300	383				sourc ng à						in 201 dinio r		con	plete	ed th	e sa	le d
change (per sh) 10 Yrs. 5 Y	ns. to	d '06-'08 '13-'15	on	its r	ate :	settler	ment	. Altl	hough	the	its	gas u	utility	y in	Pen	asylv	ania.	. Tł
Cash Flow" 4.0% 4	.5% .0%	3.5% 5.0%				not y ommis					sale will	use for	a \$54. or del	c mil	lion, v luctio	n. Th	Don e con	ninio
arnings 7.5% 5 ividends 1.5% 2	.5% .5% .5%	7.0% 5.5%	quar	ter o	f 200	9. Vir	ginia	Powe	r too	k_an	had	reach	ed a	deal	to se	ll its	Wes	t Vi
	.5%	7.0%	alter	rtax c	harge	e of \$ fund o	510 1 f pre	nillion viousl	n (\$0. V colle	52 a					but tł the sa		te co	mm
Cal- QUARTERLY REVENUES ndar Mar.31 Jun.30 Sep.30		Full Year				nclude									sell		e aci	reag
007 4661 3730 3589	3694	15674				ntation					in th	he Ma	arcell	us sh	ale r	egior	in I	Pen
2008 4353 3399 4365 2009 4778 3450 3648	4173 3268	16290 15144				ettlem wed re					plora	ation	and	produ	t Vir	comp	anies	is el s dri
2010 4950 3600 4200	4100	16850	be s	et at .	11.9%	, whic	h is h	igher	than	most	ther	e, but	sinc	e Doi	minio	njisn'	't an	E8
2011 5250 3800 4400	4350 HE A	17800				ed RO Aarch				ex-					t it is les. T			
Cal- ndar Mar.31 Jun.30 Sep.30		Full Year	Ear	nings	are	like	ly t	o inc	crease		use	the p	procee	ds to	offse	et the	equ	iity
2007 .69 .48 .44	.51	2.13				e fouri will b									e issue c tors			
2008 1 .01 .51 .92 2009 .89 .78 1.00	.60 ,28	3.04	ny. (Dur e	stima	te is a	t the	midp	oint o	f Do-					l by			
2010 .95 .65 1.05	.65	3.30				ed ra					(4.6)	%). Tł	nis wi	ll brir	ig the	payo	ut ra	atio I
2011 .95 .65 1.10 Cal- QUARTERLY DIVIDENDS P	.70	3.40				ect ea The ut									targe e thi			
Cal- QUARTERLY DIVIDENUS P indar Mar.31 Jun.30 Sep.30		Full Year	the	addit	ion o	fa 59	0-me	gawat	t gas-	fired	prop	ortion	iofc	orpora	ate pr	ofits	from	гeg
2006 .345 .345 .345	5 .345	5 1.38	lion			expect gulato									nd 3.			
2007 .355 .355 .355	5 .395		1			a Pow						irn pi			nd 3-			
		5 1 1 5 9	1 prov		** 8****					uncu	1010			WATER CAT				
2007	5 .395		an i	ncent	ive R	OE of al-fire	12.3	% on	this a	asset,	age	for a	utili	ty.	_	 Pebrua	_	

(\$1.46): '04, (22¢); '06, (18¢); '07, \$1.67; '05, '16port due late Apr. (b) Div ds historcally paid mill, adj. for split. (E) Rele base: Net ong. cost, and '16c, '26¢', '26, '165, '265, '167, '168, '262, '11.4%; earl '10 or cost, earl, '122; '11.4%; earl, '10 mill, '42, '103, '146, '26¢', '211.4%; earl, '104, '26¢', '211.4%; earl, '104, '26¢', '211.4%; earl, '201, '26¢', '26¢'

Price Growth Persistence 60 Earnings Predictability 70 To subscribe call 1-800-833-0046.

Attachment to Response to KU KPSC-2 Question No. 56 Page 3 of 9 Avera

DUKE ENERGY N		UK		PR	CENT ,	16.25	RATIO	12.9				Y		6.0				
MELINESS 3 Raised 11/27/09				_					High: Low:	21.3 16.9	20.6 13.5	17.9 11.7	17.5 16.0				Price 2014	
AFETY 2 New 6/1/07	LEGENI Rela Options: Ye	tive Price	Strength															-64
	Shaded at Latest rece	rea: prior .	necession an 12/07	295) 279														48
2013-15 PROJECTIONS]																+32
Ann'i Total Price Gain Return											helph,							+24
gh 25 (+55%) 16% w 18 (+10%) 9%												'paret'	•					+16 +12
A M J J A S O N D						Y I												I.
Buy 020000010 Home 102011031				Side:								•					1	L 6
Sel 001020020 Institutional Decisions				177 * 1						·····	·····	····				T. RETUR THIS STOCK	VL ARITH	
102101 202019 302119 0 Bay 341 343 313	Percent shares	15 - 10 -		3						41-911-01		lillini i.			1 yr.	STOCK 16.1	169.7	F
34 352 337 336 34(0) 658639 671678 662791	traded	5 -		<u>ikina</u>											3 yr. 5 yr.		-3.5 26.8	-
Duke Energy Corporation, in it	s curren	it con-	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011		JE LINE P		
iguration, began trading or 2007, the day after it spun off			••		••		••		8.44 2.62	10.08	10.38 2.45	9.75 2.55	10.05 2.65	10.50 2.80		s per sh low" per		12.2 3.2
as operations into a new co	mpany,	Spec-			~			••	.92	1.20	1.01	1.13	1.30	1.35	Earning	s per sh	▲	1.5
ra Energy (NYSE: SE), to Duke Energy shareholders re	shareho	half a			<u>.</u>		••	••	2.69	.86 2.48	.90 3,45	.94	.97 3.90	.99 3.80	Div'd De Cap'i Sp	ci'd per s ending o		1.1 3.7
share of Spectra Energy fo	or each	Duke			••				20.77	16.80	16.50	16.70	17.05	17.40	Book Va	lue per s	hc	18.7
share held. Data for the "old" are not shown because they								••	1257.0	1262.0	1272.0	1309.0	1335.0 Bold fig	1335.0		n Sha Ou n'I P/E Ra		1335. 14.
parable.								••		.85	1.04	.88	Value estin	Line	Relative	P/E Rati	0	9.
CAPITAL STRUCTURE as of 9/30		0	···				<u> </u>	••	40007	4.4%	5.2%	6.2%	ļ			n'i Div'd Y		5.29
Total Debt \$16428 mill. Due in 5 Y LT Debt \$15406 mill. LT interes	st \$878.0 i		···						10607	12720	13207	12731	13400	14800	Net Pro	es (\$mill) fit (\$mill)		1650 203
Incl. \$137.0 mill. capitalized leases. (LT interest earned: 3.4x)	•								29.4%	31.9%	32.5%	34.4%	31.0%	31.0%	Income	Tax Rate	1	31.05
Lesses, Uncapitalized Annual ren	itals \$101	.0 mili.	<u> </u>		<u> </u>				6.9% 41.0%	7.2%	16.0%	42.4%	22.0%	19.0%		% to Net		13.07
Pension Assets-12/08 \$2.85 bill.	0-11- 24	46 50	<u></u>	<u> </u>		<u> </u>	<u>.</u>	·	59.0%	69,1%	61.3%	57.8%	56.0%	56.0%	Commo	n Equity	Ratio	51.07
Pid Stock None	Oblig. \$4	. 10 Dill.						···	44220 41447	30697 31110	34238 34036	37999 37950	40525 41350	41375 44550		ipital (Sm nt (Smill)	¥1)	4900 5330
Common Stock 1,304,606,057 sh	15.							•••	3.1%	6.0%	4.8%	5.0%	5.5%	5.5%	Return	on Total C		5.57
as of 11/2/09									4.1%	7.2%	6.1%	6.7%	7.5% 7.5%	8.0% 8.0%		on Shr. Ei on Com E		8.07 8.07
MARKET CAP: \$21 billion (Large	a Cap)		<u> :</u>	+		+	<u> </u>	<u> </u>	4.1%	2.0%	.6%	1.0%	2.0%	2.0%		d to Com		2.5
ELECTRIC OPERATING STATIST 2006	NCS 2007	2008		<u> </u>				<u> </u>	<u>.</u>	72%	89%	\$2%	74%	72%	+	ts to Net		729
X Change Retail Sales (KWH) +50.3 Avg. Indiael, Use (MWH) 2956 Avg. Indiael, Rave, par KWH (¢) 5.00	+17.8 2635	-2.6 2645		IESS: Du /ith 4.0 r									iai, 31%; oal, 62%					
Avg. Indust. Rave. per KWH (f) 5.00 Capacity at Peak Olive) F 18990	4.32 19645	4.59 20332		na, Ohio, o, Indiana							Fuel c	osts: 38	% of rev les. Chair	n 80°.a	eported i	deprec. i	rate: 3.1	%. Ha
Capacity al Peak (Aw) * 18990 Peak Load, Summar (Aw) * 16623 Annual Load Factor (N) 58.0	17476 57.0	16887 57.0	has in	ternationa	al operal	ions. Ácq	uired Ci	nengy 4/0	6; spun	off mid-	Inc.: N	IC. Áddin	ass: 526	South C	Church S	t., Chari	otte, NC	
% Change Customers (avg.) +72.7	+1.4	+.9		n gas ope									594-62D0					41.
Food Charge Cov. (%) 211 ANNUAL RATES Past Pa	345 ast Est'o	306 1 '06-'08		ce Ei e incr									. Rate for					
of change (per sh) 10 Yrs. 5 Y	fra. to	'13-'15 3.5%	Sou	ith Ca	aroliı	na. In	Nort	h Ca	rolina	, the			a no					
Revenues "Cash Flow"	••	3.5% 5.5%	mill	ity wa ion (8	is gra %), ba	anteu ased o	a ra nare	turn o	f 10.7	'% on	tima	ite is	e higi at t	the u	pper	end	of D	uke's
Earnings Dividends		NMF .5%	a co	ommor	n-equi	ity rat	io of	52.5%	. In S	South	targ	eted r	ange	of \$1.	25-\$1	.30. V	Ve loo	k for
Book Value Cal. QUARTERLY REVENUES	(S mili)	Full		olina, .1 mil									bottor ge ca					
		Year	10.7	'% on	a co	mmon	-equi	ty rat	io of	53% .	con	struc	tion.	Duke	is bui	lding	800 n	nega
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rice Growth Persistence amings Predictability	100 NMF NMF
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XELON CORP.	NYSE-	XC High:	35.5	9 35.1	28.5	44.2			63.6	86.8	P/E RATIO	0.73	49.9	4.8	/0	LINE	Deles	Range
AELINESS 4 Lowered 2/5/10 FETY 1 Raised 6/3/05	LEGEN	Low:	35.5 26.9	-19.4	18.9	33.3 23.0	44.9 30.9	57.5 41.8	51.1	58.7	41.2	38.4	43.0					2015
CHNICAL 2 Raised 2/19/10	1.6 div	4 x Divider ided by Int	nds p sh teresi Rate e Strength	1.2													ļ	+ 160
(A .85 (1.00 = Market)	2-for-1 spl Options: Y	K 5704	e Strength	20													<u> </u>	120
2013-15 PROJECTIONS Ann'i Total	Shaded	area: príor	recession pain 12/07	1235 1222			-2-for-1			111111111	m tr						<u> </u>	-80
Price Gain Return h 65 (+45%) 14% v 50 (+15%) 7%				and t					Treater			1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
50 (+15%) 7% sider Decisions				lutii							Ľ	4					†	+ 40
AMJJASOND					an hun	1,, ^{1,1} ,111				.,		:						
wy 0100000000 ms 000050010				10,14,5				********	••			•••				1	1	+ 20
el 000010010 stitutional Decisions				-		····,	·*****					•••			% то	T. RETUR THIS STOCK	VL ARITH.	
102995 202905 302995 Iuy 374 379 373	Percent	18								- alles		unth sta			1 уг.	-12.3	69.7	-
M 320 308 306 (s)00) 430416 429342 427310	traded	6 -			tooth	nthour	diand	ntitulti							3 yr. 5 yr.	-18.4 20.5	-3.5 26.8	F
elon Corp. was formed o	on Octob	er 20,	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	*******	UE LINE P		
00 upon a merger of e ECO Energy Co. and	quais de Unicom	Com	11.75	23.58 5.06	23.13	23.89 5.02	21.85 5.68	23.06 6.19	23.37	28.62	28.66 7.64	28.25 8.25	25.70 8.00	28.90 8.35		es per sh "low" per		31.25 9.25
nicom was the holding con			1.39	2.20	2.40	2.44	2.75	3.21	3.50	4.03	4.10	4.29	3.70	4.00		is per sh		4.2
onwealth Edison Co.) I			1.18	.91 3.18	.88	,96 2.95	1.26	1.60	1.64	1.82	2.05	2.10 4.95	2.10 5.10	2.10		eci'd per i		2.10
ockholders received one co telon for each commor			11.31	12.82	11.97	12.85	14,19	13.70	14.89	15.34	16.79	19.15	20.80	6.10 22.70		pending p slue per s		7.50
nicom investors exchange	d each c	of their	638.01	642.01	646.63	662.00	664.20	666.00	670.00	661.00	658.00	660.00	662.00	664.00		n Sha Ou		640.00
ommon shares for .875 of a nd \$3.00 in cash. Data			22.4	13.2	10.5	11.8	13.0 .69	15.4 .82	16 5 .89	18.2	18.0 1.08	11.5 .76	Bold fig: Value			n'i PIE Ra PIE Rati		13.5
ECO Energy and the add				3.1%	3.5%	3.4%	3.5%	3.2%	2.8%	2.5%	2.8%	4.3%	estin			n'i Div'd Y		3.6%
s of October 20th.			7499.0	15140	14955	15812	14515	15357	15655	18916	18859	17318	17000	17850	Revenu	es (\$mili)		2000
APITAL STRUCTURE as of 9/3 stal Debt \$13015 mill. Due in 5		8 mill	590.0 36.6%	1465.0 38.9%	1599.0	1641.0	27.5%	2162.0	2370.0	2730.0	2721.0	2845.0 38.8%	2465 35.0%	2880 36.0%		fit (\$mill)		280
Debt \$11411 mill. LT Intere	ist \$628 m	sill.	.5%	1.2%	1.2%	32.9%	21.5%	1.0%	1.6%	1.8%	1.3%	2.0%	2.0%	2.0%	F	Tax Rate % to Net	Profit	2.0%
cludes \$390 mill, nonrecourse to T interest earned: 6.2x)	ansition d	onds	62.3%	59.3%	61.2%	61.1%	56.1%	56 1%	54.2%	53.9%	53.1%	47.2%	44.0%	43.0%	Long-To	erm Debt	Ratio	42.5%
ension Assets-12/08 \$6.66 bill.		0 mill.	34.7%	37.9%	36.1%	38.5%	43.5%	43.5%	45.4%	45.7%	46.6%	52.4% 24112	55.5% 24750	57.0%		n Equity apital (\$m		30400
	Oblig. \$1		12936	13742	17134	20630	21482	21981	22775	24153	25813	27341	28475	30175		nt (\$mill)	maj	3600
fd Stock \$87.0 mill. Pfd Div' cludes \$87.0 mill. in preferred	d \$4.0 mill securities	of sub-	4.1%	9.0%	9.4%	9.2%	10.4%	12.1%	12.5%	14.1%	13.1%	13.0%	11.0%	11.5%		on Total (10.5%
diaries.			7.5%	16.6%	19.2%	19.1%	19.4%	23.5%	23.6%	26.7%	24.4%	22.4%	18.0% 18.0%	17.5% 17.5%		on Shr. E on Com E		16.0%
ommon Stock 659,377,386 shs ARKET CAP: \$29 billion (Larg			7.8%	10.1%	12.8%	11.5%	10.7%	11.9%	13.0%	15.3%	12.5%	11.5%	8.0%	8.5%		d to Com		8.59
LECTRIC OPERATING STATIS	TICS	2000	4%	43%	38%	40%	45%	50%	45%	43%	49%	49%	56%	52%	. I	ds to Net		48>
2006 Change Ratal Sales (KWH) -1.7	+3.6	2008				rporation h serves					74%: of	& indust her. 6%:	rial, 16% ourchase	; other, ed. 20%	9%. Ger . Fuel co	nerating s sts: 40%	ources: of revai	nuclear
g. indusi. Use (MWH) NA g. indusi. Revs. per KWH (¢) 7.05	8.34	NA 8.54	linois,	and PE	CO Ener	gy, whic	h serves	1.6 mil	lion elec	tric and	deprec.	rate: 6.8	%. Has 1	19,600 e	mployee	s. Chairm	nan & Ci	EO: Joh
pecity at Peak (Mw) 33464 ak Lead (Mw) 32545		NA 29772				in Peni It regions										Crane. Ir , Chicago		
iciear Canacily Factor (%) 93.9 Change Castomers (yr-end) +1.1	94.5 +.9	93.9 +.6				commerc						2-394-73						
red Charge Cov. (%) 466	516	608				lanni										overy		
NNUAL RATES Past P	ast Est'o	d '06-'08				t ing outhe										rtaki: Exelori		
f change (per sh) 10 Yrs. 5 Levenues	2 5%	'13-'15 2.0%	have	e a te	otal o	f 933	mega	watts	; (732	mw	mw	of cap	acity	last y	/ear a	ind pl	ans t	o ado
	7.5% 0.5% 5.0%	3.5% 1.5% 2.0%				l or ga										art of ough		
ividends 1 ook Value 1	5.0% 4,5%	2.0% 8.0%				bital i					proje	cted	cost o	of \$4.4	4 bili	ion —	much	n less
Cal. QUARTERLY REVENUES	S (\$ mill)	Full				enviro										nucle		
ndar Mar.31 Jun. 30 Sep. 3	0 Dec. 31	Year	- clud			d with ated (ompar expen		n noi
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2010 4100 4200 4500 2011 4300 4400 4750		17000	this	year	and \$	64 mi	llion i	n 201	1.							70%		
Cal- EARNINGS PER SHA		Full	Ear			l i pr onditio										de of		
ndar Mar.31 Jun, 30 Sep. 3			- kets			edgin										orojeci i-year		
2007 1.01 1.03 1.15 2008 .88 1.13 1.06		4.03	regu	lated	gene	rating	asse	is isn	't like	ly to	don't	rule	one o			proje		
1.28 .99 1.14	.88	4.29	Com			ly as i Nucle						t buyt have		red n	ur si	ghts	for t	he 3.
2010 .90 .85 1.05 2011 1.00 .95 1.10		3.70	ing.	So is	s pens	sion e	xpens	e. Alt	houg	n the	to 5	-year	per	iod.	Unles	ss cor	nditio	ns ir
Cal- QUARTERLY DIVIDENDS	PAID B =	Full	com			cludin ht cost										rove : attai		
ndar Mar.31 Jun.30 Sep.3			- ings			of $$3$.					viou	s pro	jectio	n. At	the	attaiı stock	is cu	irrent
2006 .40 .40 .40 2007 .44 .44 .44	.40 .44	1.60	are	inclu	ding 1	hem.	Accor	dingly	/. we	have	price	e, both	i the y	/ield a	and it	s 3- ta	o 5-ye	ear to
2008 .50 .50 .50	.525	2.03	\$3.6			10 sh . Higi						eturn utility			are (compa	rabie	with
2009 .525 .525 .525 2010	.525	2.10				eratin						E.D			F	Februa	ary 20	5, 201
) Diluted earnings. Excludes ins (losses): '01, 2¢; '02, (18¢) 1, 3¢; '05, (\$1.85); '06, (\$1.15	nonrecum	ing EP	S don't a	dd due t	roundin	g. Next e	amings	charges	. In '08:	\$13.02/6	n. (D) In r	nill., adj.	for Co			ial Stren	ցնի	A+
ins (105565): '01, 2¢; '02, (18¢)	, us, (s1.0 i) 109, (20	⊼u;irep Valini	on que la eartv Mau	ne Apr. (r. June.	Sent a	nistofica nd Dec	u⊮y pakū ∎ Div'd	6011. (E	is earned i	10 D9WV	ເວຍກາ. eq.	an at 10,10,1	/0: Sti % Dri		ice Stab			90
ins from disc. operations: '07, 2								10.070		in arg. i	wier öd"	00. 20.0	A 1 1		vth Pers Predictal			85 95

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ruð	EC	ORF), _{NYS}	E-PCG			RE	RICE	44.07	7 PÆ Ratk	13.0) (Trailir Media	ng: 13.3 In: 14.0)	RELATIVE P/E RATE	5 0.8	2 DIV'D YLD	4.1	% ¥	ALUI LINE	-	
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AFETY				LEGEN	IDS 18 x Divide	nds p sh		्यः													120
ECHNK		Raised 2/ Market)	5/10	Options: 1	iative Price (es	nds p sh leresi Rale e Strength		8.75.54 38.45													
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		Gain	nn'i Total Return									. Jeelp	ITTTTT	11-11 III	1,114,11	llhunn,	•		• • • • • •		32
igh i nw i	55 (· 40 (+25%) (-10%)	10% 2%	1		T.	יוויאק	Born.			uthur,	1									24
	Decis A M		5 O N		·····			-1				\square									\pm^{20}_{16}
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- 5 w	102111	202009 217	302009 179	Percent						-	11 /	l dda.ldf	ht					1 vr.	THIS STOCK 20.2	BIDEX 80.8	-
Self	168 249542	184	194 253016	shares traded	8 4	litanth	htnida						MIIII				• • •	3 yr. 5 yr.	5.6 60.3	1.9 25.9	F
993	1994		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005		2007	2008	2009	2010		UE LINE P		12-1
24.77 5.42	24.28 5.99	23.24 6.31	23.82 5.24	36.87 5.98	52.12 6.08	57.74 7.15	67.75 .80	63.18 5.66	32.74	25.05 4.80	26.47 5.71	31.78 7.12	38.02	37.42	40.51	35.75 8.40	37.25 8.75		as per sh low" per		42.5
2.33	2.76		2.16	1.57	1.88	2.24	d9.21	3.02	d2.36	2.05	2.12	2.35	2.76	2.78	3.22	3.15	3.40		a per sh		4.2
1.88	1.96	1.96	1.77	1.20 4.36	1.20	1.20	1.20	7.33	7.94	4.08	3.72	1.23	1.32 6.90	1.44	1.56	1.68	1.80 10.10		ci'd per s rending p		2.1
19.77	20.07	20.77	20.73	21.30	21.08	19,10	8.19	11.89	9,47	10.12	20.62	19.60	22.44	24.18	25.97	27.60	29.25	Book Va	lue per s	hc	35.7
27.22	430.24		403.50	417.67 15.5	382.60 16.8	360.59	387.19	363.38	381.67	416.52 9.5	418.62 13.8	368.27 15.4	348.14 14.8	353.72	361.06	369.00	376.00	Commo	n Sha Qu n'i P/E Ra		400.0
.87	.62		.68	.89	.87	.75	••	.25		54	73	82	.80	.89	.73	.80			P/E Rati		<u>"</u>
5.5%	7.5%	1	7.5%	4.9%	3.8%	4.1%	4.8%			••		3.4%	3.2%	3.1%	4.0%	4.3%			'' Div'd \		4,5
		ICTURE # 991 mil. 1			i mill.	20820	26232 d3324	22959	12495 d874.0	10435 791.0	11080	11703 904.0	12539	13237	14628	13200	14000	Revenue Net Pro	es (\$mili) At (\$mili)		170
		r mill. – L Energy Re			mil.	1.6%		35.6%	••	36.7%	35.0%	37.6%	35.5%	34.6%	26.2%	33.5%	33.5%	Income	Tax Rate		33.5
.T inter	esl ean	ved: 3.1x)			77 hili	46.5%	62.1%	1.6%	51.5%	3.7%	3.6%	5.6% 48.3%	6.7%	9.4% 52.6%	9.5% 52.2%	10.0%	9.0% 49.5%		% to Net		7.0
fd Sto	ck \$258	s-12/08 \$ 1.0 mill.	Pfd Div'd	\$14.0 mi	II.	48.0%	30.4%	34.9%	42.8%	53.9%	53.2%	50.0%	46.8%	46.1%	46.5%	48.0%	49.5%		n Equity		54.0
		4.36% to 1 n \$25.75				14339 16776	10428 16591	12399 19167	8438.0 16928	7815.0 18107	16242 18989	14446 19955	16696 21785	18558 23656	20163 26261	21200 28050	22275 29350		ipital (\$m	III)	265
.00% ta	6.00%	, cum. no shs. 6.30%	nredeem	able and !	\$25	7.4%	NMF	13.3%	NMF	16.3%	7.6%	8.1%	7.6%	7.4%	7.8%	7.0%	7.0%	Net Plas Return (on Total (ap'i	369
ar, sub	ject to n	nandatory	redempt	ion.		10.8%	NMF NMF	21.5% 22.9%	NMF NMF	17.6%	10.1%	12.1%	12.5%	11.6%	12.4%	11.0%	11.5%	Return o			12.0
		\$16 billio			121100	<u>11.6%</u> 5.2%	NMF	22.9%	NMF	18.5% 18.5%	10.3%	12.3%	12.7%	6.0%	12.6%	<u>11.5%</u> 5.5%	11.5% 5.5%		on Com E d to Com		12.0
LECT	NC OPI	ERATING			2002	56%	NMF	10%	<u> </u>	2%	1%	39%	47%	50%	47%	54%	53%	1	is to Net		51
Change F	iotali Sales	(KWH)	2006 +5.8 12513	2007 +2.2 12021	2008 +2.3 12765				poration i pany and							other, 6 dation rat					
vý Indust.	Use (MWH Revs. per) Post (Nev)	(m)	8.53 NMF	8.26 NMF	8.67 NMF	electric	ity and g	pas to m	ost of no	rthern ar	nd centra	I Californ	nia. Has	Chairm	an, Pres	ident & C	hief Exec	utive Off	licer: Pet	er A. Da	irbee. I
	Summer (M		NMF	NMF NMF	NMF NMF				million Intial, 41							ifornia. A Icisco, Ca					
	Lusiomers (+2.7	+2.0	+.3				ling sourc					interne	t: www.p	gacorp.co	<u>m.</u>				
	e Cov. (%)		268	257	288				y sub case.]							y war «-year					
	L RATE (per sh)			ns. to	1 '05-'08 '12-'14	tric	is se	eking	a to	tal r	ate i	ncreas	se of	relia	bility.	The (Califor	rnia c			
leveni. Cash l	iês Flow"	3.5	5% 16.	0%	2.0% 3.5%				(6.4%) he stai							xpecte ate th			os fei	l sli	ahti
aming ividen	ds	4.	5% N		6.5% 7.5%	is as	sking	for a	mech	anism	that	woul	d re-	in 2	009 b	ut wi	ll adv	/ance	: this	year	. Th
ook V		1.5			6.5%	1		-	in the mainte				· •			arter d tax s					
Cal- ndar		RTERLY R Jun.30			Full Year	gran	ted, t	this v	vould	provid	le rat	e hik	es of	shar	e to p	profits	in th	e yea	r-earl	ier p	erio
2006	3148	3017	3168	3206	12539	2013	, mill	ion in e utili) 2012 ity's co	and ost of	oogo Capit	millin al wi	ll be	in 2 rate	base	ongoii shoul	ng gr Id lea	owth d to	in th	ie ut ased	unty earr
	3356 3733	3187 3578	3279 3674	3415 3643	13237 14628	reco	nsider	red in	n'a se	para	te fili	ng, w	vhich	ings	•	_					
	3431	3194 3500	3235 3500	3340 3500	13200	1			112, wi rt of 2							ct a d eetin					
2008 2009		ARNINGS			Full	allov	ved r	eturn	on e					figu	e tha	at the	e dire	ectors	will	rais	e th
2008 2009 2010	3500				Year		5% for util		is bı	ıildir	ng g	enera	ting			disbu it ha					
2008 2009 2010 Cal- endar	3500 E Mar.31	Jun.30			2.76			. Ťwo	gas-fi	red p	lants	should	d en-	year	s.						
2008 2009 2010 Cal- endar 2006	3500 E	.65 .74	1.09 .77	.43 .58	2.78				UDera	ation						ck's	vaius	10131	10	non	Th
2008 2009 2010 Cai- endar 2006 2007 2008	3500 E Mar.31 .60 .71 .62	.65 .74 .80	.77 .83	.58 .97	2.78 3.22	ter	comm expec				facilit	1es 1s	2815	VIER		Iractio					lustr
2008 2009 2010 Cal- endar 2006 2007 2008 2009	3500 E Mar.31 .60 .71	.65 .74	.17	.58	2.78	ter The mill	expection. F	ted co Pacific	ost for G&E	both is a	also a	isking	g the	aver	age.	Althou	nally 1gh w	belov e pro	w the ject g	e ind good	prof
2008 2009 2010 Cal- endar 2005 2007 2008 2009 2010 Cal-	3500 E Mar.31 .60 .71 .62 .65 .70 QUAR	.65 .74 .60 .87 .90 TERLY DIV	.77 .83 .80 .95 TDENDS P/	.56 .97 .83 .85 ND = 1	2.78 3.22 3.15 3.40 Full	ter The mill Cali	expec ion. F fornia	ted co Pacific reg	ost for G&E ulators	both is is for	also a pern	isking nissio	the n to	aver	age. divid	Althou end gr	nally Igh w Towth	belov e pro over	w the ject g the 3	e ind good - to :	prof 5-yea
2008 2009 2010 Cal- endar 2006 2007 2008 2009 2010 Cal- andar	3500 E Mar.31 .60 .71 .62 .65 .70 QUAR Mar.31	.65 .74 .80 .87 .90 TERLY DN j Jun.30	.77 .83 .80 .95 IDENDS P/ Sep.30	.56 .97 .83 .85 AD * • † Dec.31	2.78 3.22 3.15 3.40 Full Year	ter The mill Cali cons cost	expection. F fornia truct of \$	ted co Pacific reg a 24 911 1	ost for C&E ulators 6-mega nillion	both is for awatt . If	also a pern wind the c	isking nissio farm ommi	the n to at a ssion	aver and perio	age. divid od, wi 2012-	Althou end gr ith the 2014	nally igh w owth e quo Targe	belov e pro over tation et Pri	w the ject g the 3 alrea ce Ra	e ind good - to s ady v ange,	prof 5-yea vithi tota
2008 2009 2010 Cal- endar 2005 2007 2008 2009 2010 Cal- andar 2006 2007	3500 E Mar.31 .60 .71 .62 .65 .70 QUAR Mar.31 .33 .33	.65 .74 .80 .87 .90 TERLY DIV Jun.30 .33 .36	.77 .83 .80 .95 IDENDS P/ Sep.30 .33 .36	.56 .97 .83 .85 AD = † Dec.31 .33 .36	2.78 3.22 3.15 3.40 Full Year 1.32 1.41	ter The mill Cali cons cost give	expection. F fornia truct of \$ s the	ted co Pacific reg a 24 911 r utilit	ost for G&E ulators 6-mega nillion y the	both is for awatt . If go-ah	also a pern wind the c ead, t	isking nissio farm ommi	the n to at a ssion	aver and perio our retu	age. divid od, wi 2012- rn po	Althou end gr ith the 2014 tential	nally igh w owth quo Targe l over	belov e pro over tation et Pri that	w the ject g the 3 alrea ce Ra time	e ind good - to : ady v ange, is su	profi o-yea vithi tota ibpa
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(A) Diuted EPS Excl. nonrec. gains (losses): | '06 EPS don't add due to rounding, Next earn-'94, (55¢); '95, 4¢; '96, (41¢); '97, 18¢; '99, (\$2,44); '04, \$5.95; '09, 18¢; gain from disc. paid in mid-Jan., Apr., July, Oct. = Div'd reinops.: '08, 41¢. Incl. nonrec. loss: '00, \$11,83, | vest plan avail. † Shareholder invest. plan | corn. eq., '08: 12.9%, Regul. Clim.: Above Avg. e 2010, Value Line Publishing, Inc. All rights reserved. Factual material is obtained from sources believed to be reliable and is provided without warranties of any kind. The PUBLISHER IS NOT RESPONSELE FOR ANY ERRORS OR OMISSIONS HEREN. This publication is starby for subscriber's own, non-commercid, internal use. Rop any direct or used for generating any printed or electronic publication, service or product.

 Company's Financial Strength
 B++

 Stock's Price Stability
 100

 Price Growth Persistance
 85

 Earnings Predictability
 10

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 10

Attachment to Response to KU KPSC-2 Question No. 56 Page 6 of 9 Avera

ELINESS 4 Lowered 1/29/10	High:	NYS	E-PGN 49.4	49,3		48.0	47.9	46.0	49.6	n: 15.0 / 52.8	49.2			6.6	/0	LINE	Price	Rang
FETY 2 Lowered 677.02	Low.	29.3	28.3	38.8	52.7 32.8	37.4	40.1	40.2	40.3	43.1	49.2 32.6	42.2 31.3	37.0				2014	
CHNICAL 2 Raised 2/5/10	0,9	97 x Divide vided by In elative Price	nds p sh lerest Rate		regress	nergy												100 80
TA .60 (1.00 = Market)	Shaded	ves 'area: Drior	recession									<u></u>						–64
2013-15 PROJECTIONS Ann'l Total	Latest red	cession be	pan 12/07		1111	1,1191,191	1.1.1.1 ¹			TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	1,,11	100 ¹⁰⁰⁰	•				*****	-48
Price Gain Return h 50 (+30%) 10% v 35 (-10%) 7%			Hard Street	200							P	dun						- 32
Ider Decisions			••CP+L	Et inv			a ¹ 9											
A H J J A S O N D uy 0 0 0 0 1 0 0 0 0							- Jane 1	******		**** *******	34							112
mi 0000000000 Ni 230040001												•••			% TO	I T. RETUR	1 2N 1/10	ЬВ
titutional Decisions	Parcen	l 11 12 =		1.4												STOCK	WEARITH	L
220 219 192 208 185 198	shares			X.C		1111111111	11/11/11/1	1 IIIIIIIII	utato						1 уг. З уг.	7.5	69.7 -3.5 28.8	È.
(%%) 162070 164814 164779 ogress Energy was formed	L	vember	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	5 yr. OVALI	17.2 JE LINE P		13.1
2000 through the merger	of CP&L	L Ener-	19.99	38.69	34.18	35.54	39 56	40.11	37.38	35,19	34.72	35.30	33.00	33.80		s per sh		37.5
and Florida Progress. Florida Progress. Florida Progress. Florida Progress. Florida Progress. Florida Progress.	orida Pr changed	rogress each	5.37 2.34	8.14 3.43	7.02	7,54	7.40	6.53 2.94	5.93 2.05	6.13 2.69	6.09 2.96	6.60 3.03	6.70 3.00	6.85 3.15		low" per s per sh		7.3
are held for \$54 in cash	and/or	CP&L	2.08	2.14	2.18	2.26	2.32	2.38	2.42	2.44	2.46	2.48	2.50	2.52	Div'd D	ci'd per i	sh ^B ta	2.5
mmon stock. They also ntingent Value Obligation	for each	ed one h share	4,61 26.32	5.56 27.45	5.05 28.73	4.14 30.26	4.04 30.90	4.29 31.90	5.56 32.37	7.59 32.38	8.84 32.55	7.85 34.30	8.00 35.05	8.10 36.00		vending p due per s		8.(38.9
Florida Progress stock, ei	ntitling t	hem lo	206.09	218.73	232.43	246.00	247.00	252.00	256.00	260.10	264.00	280.00	282.00	284.00	Commo	n Shs Ou	nsig e	290.
yments when four synthe hieved certain economic le	vels fro	m 2001	15.3 .99	12.4	<u>11.9</u> .65	12.4	14.1	14.8	21.6	17.9 .95	14.3	12.4	Bold fig Value	Line		P/E Rati		12
2007. Data prior to merge	r are for	r CP&L	5.8%	5.0%	4.8%	5.3%	5.3%	5.5%	5.5%	5.1%	5.8%	6.6%	estin	1160		n'i Div'd Y		6.0
ly and are not comparable ergy data.	i with Pi	rogress	4118.9 369.9	B461.5 695.1	7945.0 815.2	8743.0 818.1	9772.0 763.5	10108 727.0	9570.0 514.0	9153.0 693.0	9167.0 773.0	9885.0 850.0	9300 845	9700 895		es (\$mill) Fit (\$mill)		110 10
PITAL STRUCTURE as of 9/3	0/09		35.4%		013.2		13.1%		28.4%	32.5%	33.8%	33.0%	33.0%	33.0%	income	Tax Rate		33.0
tal Debt \$11484 mill. Due in 5 Debt \$10834 mill. LT intere	Yrs \$383 st \$540 r	10 mill. mill.	5.6% 51.6%	2.6%	1.0%	3.4%	.8%	1.8%	1.4%	2.5%	3.9% 55.1%	3.0%	3.0%	3.0%		% to Net		3.0
interest earned: 3.1x) nsion Assets-12/08 \$1.29 bill.			47.6%	38.5%	40.4%	43.4%	44.3%	43.3%	48.1%	48.8%	44.4%	46.0%	47.0%	47.0%	1	n Equity		47.5
j Stock \$92.8 mill. Pfd Div'd	d \$4 .5 mil	h,	11407	15580	16517	17162	17247	18577	17214	17252 16605	19346 18293	20530 19700	20990 20350	21650 20700	1	apital (\$m	181)	237 224
1,814 shs. \$4.00 to \$5.44 cum m \$101 to \$110 per sh. Sinkin	. no par. g funds t	began in	10437	10915 6.4%	10656 6.8%	14434 6.5%	6.2%	14442 5.6%	15245	5.6%	5.6%	5.5%	5.5%	5.5%		nt (Schill) on Total (Cap'i	5.5
84 and 1986, respectively. mmon Stock 279,626,073 shs	as of 1	1/2/09	87%	11.4%	12.0%	10.9%	9.9%	8.9%	6.1%	8.1% 8.2%	8.9% 8.9%	9.0% 9.0%	8.5% 8.5%	9.0% 9.0%		on Shr. E on Com I		9.0 9.0
ARKET CAP: \$10.6 billion (La	rge Cap)		6.7%	11.5% 4.3%	12.1%	10.9%	9.9%	9.0%	6.1% NMF	.7%	1.5%	1.5%	1.5%	2.0%		d to Com		2:
ECTRIC OPERATING STATIS 2006	2007	2008	101%	63%	59%	67%	74%	81%	119%	91%	84%	81%	83%	80%	_	ds to Net		7:
Annoe Rotal Sales (NVH) -2.3 Indust Use (NVH) NA	+3.5 NA	-1.7 NA		IESS: Pr ISS, Supp									%; nucle as 11,000					
indust Revis per KWH (f) 6.38 actival Peak (Me) 21322	6.58 21776	6.78 21775 21373	Carolin	na, and sale gen	Florida.	Other	operation	incluc	e coai	mining,			: 8 years am D. Jo					
		213/3			K; COMIT						dress:	411 Faye	itteville S	veet, Ra	ileigh, No	orth Caro	lina 276	02. Te
nt Lond, Semmer (Ner) 21717 wall Lond Factor (%) NA	22327 NA	NA															IOD. VOTGI	n
k Load, Sermer (Me) 21717 val Load Factor (%) NA thange Customers (n-end) +2.0	NA +3.5	NA +1.0	Power	costs:		revs; l	abor cos	ils: 13%	Fuel				52-7232.		·····			
it Load, Sammer (Ne) 21717 vail Load Factor (%) NA Xhange Customers (m-end) +2.0 ed Change Cov. (%) 204	NA +3.5 249	NA	Power Pro		En	revs; li ergy	abor cos post	ts: 13%	Fuel s	and	from	the	reques did r	ted 1	2.54%	b. The	FPS	Ci
Load, Semmer (Me) 21717 nail Load (Factor (%) NA Amarge Customers (N=end) +2.0 d Charge Cov. (%) 204 INUAL RATES Past Pittanga (per sh) 10 Yrs.	NA +3.5 249 ast Est	NA +1.0 NA 'd '06-'08 0 '13-'15	Power Pro bott pan	costs: gress tom-li y rep	En ine a orted	revs; li ergy dvanc 2009	post ces in year-	ed 2009 end e	Fuel at top- The arning	and com- gs of	from dica Flor	the ted it ida co	did r	ted 1 not w ers di	2.54% ant to uring	5. The o rais a per	e FPS se rat	C in es c f ec
Load, Simmler (Mer) 21717 Namil Load (Factor (%) NA Jampe Costomer (%) +2.0 vd Charge Cov. (%) 204 NNUAL RATES Past Picharge (persh) 10 Yrs. Svenues 6.0% Jash Flow" -44	NA +3.5 249 ast Est' Yrs. to 1.5%	NA +1.0 NA 'd '06-'08 0 '13-'15 1.0% 3.0%	Power Pro bott pan \$3.0	cosis: gress tom-li y rep 3 a sl	En ine a orted pare.	revs; li ergy dvanc 2009 reflect	post ces in year- ing a	end e mode	Fuel st top- . The arning st 3%	and com- gs of vear-	from dica Flor nom	the ted it ida co ic dif	reques did r nsum ficulty	ted 1 not waters du	2.54% ant to uring to	5. The rais a per the u	e FPS e rat riod o nfavo	C in es c f ec rabl
Load, Simmler (Mer) 21717 Namil Load (Factor (%) NA Jampe Costomer (%) +2.0 vd Charge Cov. (%) 204 NNUAL RATES Past Picharge (persh) 10 Yrs. Svenues 6.0% Jash Flow" -44	NA +3.5 249 ast Est' Yrs. to 1.5%	NA +1.0 NA 'd '06-'08 0 '13-'15 1.0% 3.0%	Power Pro both pan \$3.0 over clud	costs: gress tom-li y rep 3 a sl -year led in	En ine a orted nare, n incre crease	revs; li ergy dvanc 2009 reflect ease. d rev	abor cos post ces in year- ing a Posit enues	end e mode ive d for in	Fuel s top- . The arning st 3% rivers nterim	and com- gs of year- in- and	from dica Flor nom regu a ch	the ted it ida co ic dif latory alleng	did r	ted 1 not wa ers du Due g, 201	2.54% ant to uring to 10 is s	b. The o rais a per the u shapir	e FPS ie rat riod o nfavo ng up	C in es c f ec rabl to t
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Lidd, Simmer (Me) 21717 Nail Last Fractor (%) NA Jampe Costmon (N=nd) +2.0 MUAL RATES Past Pichange (per sh) 10 Yrs. Svenues 6.0% ash Flow" -4 -ash Flow" -4 -yidendis 2.5% cok Value 5.5% cat- QUARTERLY REVENUES dar Mar.31	NA +3.5 249 ast Est' Yrs. to 5.5% 2.0% 2.5% 3 (\$ mill.) 0 Dec.3	NA +1.0 NA 'd '06-'08 0'13-'15 1.0% 3.0% 4.5% 1.0% 2.5% Fuli 1 Year	Power both pan \$3.0 over clud limi favo men	costs: gress tom-li y rep 3 a sl -year led in ted ra ted ra brable ital in	En ine a orted nare, r incre crease te rel retur nvestr	reve; li ergy dvance 2009 reflect ease. d reve lief, lo ns on nents.	abor cos post ces in year- ing a Posit enues wer d nucle Incr	end e mode: ive d for in eprec ear ar eased	Fuel st top- . The arning st 3% rivers interim iation d env operation	and com- gs of year- in- and and iron- ation	from dicat Flor nom regu a ch resu We ear	the ted it ida co ic dif latory alleng lt. have have	reques did r nsum ficulty rulin ging y e red estir	not wa ers du c. Due g, 201 ear fo uced nate	2.54% ant to uring to to 10 is s or the to \$3	5. The o rais a per the u shapin com 201 3.00,	e FPS se rat riod o nfavo ng up pany. 10 sl down	C in es c f eco rabl to t As hard
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Lidd, Simmer (Mer) 21717 NA Xard Leaf Factor (%) NA Mail Leaf Factor (%) NA Xarge Costemer (New) +2.0 MUALAL RATES Past Pichange (per sh) 10 Yrs. Sath Flow" -4 Tash Flow" -4 Traings 5% Cok Value 5.5% Cal- QUARTERLY REVENUES Cal- QUARTERLY REVENUES Cal- QUARTERLY REVENUES Cal- 2072 2129 2750 Cobo 2066 2244 2695 2009 2442 2312 2824 D10 2200 2300 2800 2111 200 2400 3000	NA +3.5 249 ast Est' Yrs. to 4.5% 5.5% 2.5% 3(\$ mil.) 0 Dec.3' 2202 2161 2307 2000 2100	NA +1.0 NA 'd' '06-'08 0' 13' 15 1.0% 2.5% 2.5% 2.5% 2.5% 9.0% 2.5% 9.10% 9.153 9167 9885 9300 9700	Power Pro bott pan: \$3.0 over clud limi favo men and gair prov thou betv	costs: gress tom-li y rep 3 a sl -year led in ted ra trable trable tal in mains. M ved sli ugh th ween s	En ine ac orted pare, r incre crease ate rel retur nvestr intena eanwl ghtly ne bre segme	revs; li ergy dvance 2009 reflect ease. d rev- lief, lo ns on nents. nce nile, o from akdov nts. F	abor cost post ces in year- ing a Posit enues wer d nucle Incr costs custon depres vn wa Progre	the 13% end e mode ive d for in eprec ear ar eased offse ner g ssed 2 s rath ss En	Fuel s top- . The arning st 3% rivers interim iation d env opera- t fui rowth 008 le ner sk ergy (and com- gs of year- in- and and iron- ation rther im- evels, ewed Caro-	from dica Flor nom regu a ch resu We earn our rate duct cut main	the it ida cc ic dif latory alleng lt have nings previo relief ion. I capita ntenan	reques did r insum ficulty rulin ging y e red estin us est is the Manag l expended con	ted 1 not wa ers du . Due g, 201 ear fo luced nate timate e prin gemen nditu sts in	2.54% ant to uring to sor the or the to \$3 e of \$ nary o t wil res an n an	5. The orais a per the u shapin comp comp 3.00, 3.15. driver l like nd ope atter	E FPS se rat riod o nfavo ng up pany. 10 sl down The l for t ly ha eratio upt to	C in es of f eco rabl to t As hare from ack he r ve f n an hel
Load, Sammer (Me) 21717 NA NA Joad Factor (%) NA Namer Castemer, (rend) +2.0 Marge Castemer, (rend) +2.0 Marge Castemer, (rend) +2.0 MULAL RATES Past Photange (per sh) 10 Yrs. Journess 6.0% ash Flow"	NA +3.5 249 ast Est' Yrs. tr 5.5% 2.0% 2.5% 3 (\$ mil.) 0 Dec.3' 2202 2161 2307 2307 2000 2100 RE A	NA +1.0 NA 'd' '06-'08 0' '13-'15 1.0% 2.5% 1.0% 2.5% 1.0% 2.5% 1.0% 2.5% 1.0% 9153 9153 9157 98855 9300 9700	Power Pro bott pan \$3.0 over clud limi favo men and gair prov thou betv lina aver	cosis: gress tom-li y repoid a sh -year led ind ted ra ted ra ins. M veat sh ugh th ween s post rage r	En ine ad orted increase increase retur nvestr intena eanwl ghtly ne bre segme ed a	revs; li ergy 2009 reflect ease. d rev lief, lo ns on nents. nice nile, o from akdow nts. F 14,000 er of c	abor cos post ces in year- ing a Posit enues wer d nucle Incr costs custon depres vn wa Progree 0 net	end e red 2009 end e mode: ive d for in eprec ar ar eased offse ner g ssed 2 ssed 2 ss rath ss rath ss for in eases nor g ss for in eases ar ar eased a state ss for in eases ar ar eased a state ss for in increases ar ar ease a state ss for in increases ar ar ease a state ss for in increases ar ar ar ease a state ss for in increases ar ar ar ar ease a state ss for in increases ar ar ar ar ease a state ss for in increases ar ar ar ar ar ar ease a state increases ar ar ar ar ar ease a state ss for in increases ar ar ar ar ar ar ar ease ar ar ar ar ar ease ar ar ar ar ease ar ar ar ar ar ease ar ar ar ease ar ar ar ar ease ar ar ar ar ar ease ar ar ar ar ar ar ar ease ar ar ar ar ar ar ease ar ar ar ar ar ar ar ease ar ar ease ar	Fuel s top- . The arning st 3% rivers nterim iation d env opera- t fu rowth 008 le ner sk ergy (ase in vhile	and com- gs of year- in- and and iron- ation rther im- evels, ewed Caro- n the Prog-	from dicat Flor nom regu a ch resu We ear our rate duct cut o main miti whil	the it ted it ida co ic dif latory alleng lt have relief ion. I capita ntenan gate t	reques did r nsum ficulty rulin ging y e red estir us est is the Manag l expe	ted 1 not wa ers du . Due g, 201 ear fo uced nate timate e prin gemen nditu sts in pact o	2.54% ant to uring to to 10 is s or the to to to to to to to to to to to to to to t	5. The 5.	e FPS se rat riod o nfavo ng up pany. 10 sl down The l for t ly hat eratio upt to sion. l	C in es of rabl to t As from ack he r n ar he Mean
Loid Sammer (Mer) 21717 Mail Louf Factor (%) NA Jampe Castmer (K) NA Jampe Castmer (K) 204 NNUAL RATES Past Pichaoge (per sh) 10 Yrs. Jash Flow"	NA +3.5 249 ast Est' Yrs. to 1.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2	NA +1.0 NA '0'06-'08 '13'15 '1.0% 2.5% 1.0% 2.5% 1.0% 2.5% 1.0% 2.5% 1.0% 2.5% 1.0% 2.5% 9153 9167 9885 9300 9700 9700 9700 9700 9700 9700 9700	Power Pro bott pan \$3.0 over clud limi favo men and gair prov thou betv lina aver ress	costs: gress tom-li y repoids a sh -year led ind ted ra- trable in trable in mains. M ved shi ugh th ween s post rage r Energy	En ine ad orted increase increase return vestri intena eanwli ghtly te bre segme ed a number rgy F	revs: li ergy dvanc 2009 reflect ease. d rev ilef, lo ns on nents. ince hile, of from akdov nts. F 14,000 er of c lorida	abor cost posit ces in year- ing a Posit enues wer de nucle Incr costs custon depre: vn wa Progre 0 net ustom	the 13% end e modes ive of for in eprec ear ar eased offse ner g ssed 2 s rath ss En incre eers, v ed an	Fuel s top- . The arning st 3% rivers nterim iation d env opera- t fue rowth 008 le ner sk ergy (ase in while 1 8,000	and com- gs of year- in- and iron- ation rther im- evels, ewed Caro- h the Prog-) net	from dica Flor nom regu a ch resu We earr our rate duct cut cut miti whill show	the ida cc ic dif latory allen lt have nings previo relief ion. l capita ntenaa gate t e, if v sig	reques did r nsum ficulty ruling ging y e red estin us est is the Manag l expende nce co he im econo as of	ited 1 not with ers du , Due g, 201 ear fo uced nate timate e prin gemen nditu sts in pact o impr	2.54% ant to uring to is for the to \$3 e of \$ nary o t will res ar n an of the condit ovem	5. The 5. The	E FPS se rate rind on nfavon ng up pany. IO sidown The li- for t ly hat eratio npt to sion. I in F we b	C ir es of fectorabl to b As hard from ack (he r Near lorid eliev
A Loid, Sammer (Mer) 21717 Mail Lost Factor (%) NA Namer, Castmers (re-nd) +2.0 Marge Castmers (re-nd) +2.0 MULAL, RATES Past Pythamer, Castmers (re-nd) +2.0 MULAL, RATES Past VinUAL, RATES Past Pythamer, Castmers (re-nd) -2.5% Castronges 6.0% Castronges -5.5% Castronges -5.5% Castronges -5.5% Castronges 2.5% Castronges 2.66 Castronges 2.66 Castronges 2.66 Castronges 2.66 Castronges 2.66 Castronges 2.60 Castronges 2.60 Cast	NA +3.5 249 ast Est' Yrs. to 1,5% 2.0% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.25% 2.5% 2.	NA +1.0 NA 'd'06-08 0'13-15 1.0% 2.5% 1.0% 2.5% 1.0% 2.5% 9167 9853 9167 9855 9300 9700 1 Full 1 Year 2.69 2.96 3.03	Power Pro bott pan \$3.0 over clud limi favo mer and gair prov thou betv lina aver ress decr tive	cosis: gress tom-li y repoid a sh -year led ind ted ra ted ra ins. M veat sh ugh th ween s post rage r	En increated pare, r increased return nvestr intena eanwl ightly he bre segme ed a number rgy F The f	revs: li ergy dvanc 2009 effect ease. d rev ief, lo ns on nents. nce nile, o from akdov nts. F 14,00 lorida alloff	abor cost post ces in year- ing a Posit enues wer d nucle Incr costs custon depres vn wa Progre 0 net ustom poste in Flo	end e mode ive d for in eprec car ar eased offse ner g ssed 2 s rath ss En incre eers, v ed an orida	Fuel s top- . The arning st 3% rivers nterim iation d env opera- t fui rowth 008 le ner sk ergy (ase in while 1 8,000 was in	and com- gs of year- in- and iron- ation rther im- evels, ewed Caro- h the Prog-) net dica-	from dicat Flor nom regu a ch resu We ear rate duct cut o main miti whil shoy ther	the it ida cc ic dif latory alleng lt have relief ion. l capita ntenan gate t e, if v sig e is a	reques did r insum ficulty rulin ging y e red estir jus est is the Manag l expense nce co he im econo	ted 1 not we ers du g, 201 ear fo luced nate timate e prin gemen nditu sts in pact o impr ng po	2.54% ant to uring to sor the lo is sor the to \$3 nary of t will res an of the condit ovem ssibili	5. The 5. The	EFPS se rat- riod o infavo ng up pany. IO si down The l for t ly has ratio pt to in F we b EF wi	C ir es of fectorabl to b As hard from ack (he r Near lorid eliev
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Attachment to Response to KU KPSC-2 Question No. 56 Page 7 of 9 Avera

CANA CORP. NY				PR		35.2	····· •		Kine (n: 13.0 <i>)</i>	RELATIVE P/E RATIO	0.1;		5.4	70	LINE		
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Debt \$4166.0 mill. LT Interest T interest earned: 3.3x)			228.0	231.0 34.9%	259.0 32.2%	285.0 31.5%	32.5%	323.0	26.5%	29.2%	35.4%	32.0%	31.0%	31.0%	income	Tax Rate		31.0
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16¢; '99, 28¢; '00, 28¢; '01, \$3.00; '02, (\$3.72); reinvestment plan avail. † Shareholder invest-'03, 31¢; '04, (23¢); '05, 3¢; '06, 9¢. Next earn-ings report due late April. (B) Div'ds historically \$7.67/sh. (D) In millions (E) Rele base: Net o 2010, Value Line Publishing, Inc. Al fights reserved. Factual material is obtained form sources believed to be relable and is provided without warranties of any kind. THE FURLISHER IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS HEREIN. This publication is strictly for subscriber's own, non-commercial, internal use. No part of a may be reproduced, resold, stored or transmitted in any printed, electronic or other form, or used for generating or matering any printed or electronic publication, service or product.

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Attachment to Response to KU KPSC-2 Question No. 56 Page 8 of 9

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 57

Responding Witness: William E. Avera

- Q-57. Refer to Exhibit WEA-4 and the Avera Testimony at pages 24-28.
 - a. Provide a list of the state utility regulatory commissions and the attendant orders that explicitly based return-on-equity awards on the estimated returns of non-utility sector companies.
 - b. The testimony on page 24 states that a "similarity of experienced business risk and financial risk" should be the standard for selecting companies to be included in a proxy group. The testimony discusses at length both the business risk and the financial risks faced by KU and the electric and gas utility industry. However, there is neither a comparable discussion of the business risks faced by companies in the Non-Utility Proxy Group nor any discussion of how these risks are comparable to the electric industry. Provide such discussions of the risks faced by each company and non-utility industry.
- A-57. a. Dr. Avera has not conducted any detailed review of past regulatory orders to identify those cases in which regulators have "explicitly based return on equity awards on the estimated returns of non-utility sector companies." Dr. Avera would note, however, that in the early days of utility regulation it was common practice to base authorized returns solely on data for firms in the competitive sector of the economy. As explained in Dr. Avera's testimony, regulatory standards reflect the need to establish a rate of return that is commensurate with those available on other investments of comparable risk. As noted in Regulatory Finance, Utilities' Cost of Capital, Public Utility Reports, Inc. (1994):

It should be emphasized that the definition of a comparable risk class of companies does not entail similarity of operation, product lines, or environmental conditions, but rather similarity of experienced business and financial risk. ... Investors do make such risk comparisons between industrial and utility stocks. (p. 58)

b. Dr. Avera did not include a discussion of the individual risks faced by the various industries or companies represented in his Non-Utility Proxy Group because this was

not necessary to support his analyses and conclusions. As discussed in Dr. Avera's testimony, his analyses focused on an analysis of four objective risk indicators that are widely referenced by investors. These indicators provide broad, objective measures of overall investment risk that consider company and industry-specific factors. As a result, they provide a sound basis on which to compare the investment risks of the Non-Utility Proxy Group to those of KU and the Utility Proxy Group.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 58

- Q-58. Refer to Exhibit WEA-2 and the Avera Testimony at page 30. Provide a copy of the workpapers and a detailed explanation of how the stock prices were obtained to determine the expected dividend yield.
- A-58. As indicated in footnote (a) to Exhibit WEA-2, the stock prices used to compute the dividend yield for each of the utilities in the proxy group were those reported by the Value Line Investment Survey in its *Summary and Index*, with a copy of the source document being included as WEA WP-48 to Dr. Avera's workpapers provided in response to AG-1 Question No. 190.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 59

- Q-59. Refer to the Avera Testimony at page 33. Provide a copy of the documents referenced in footnotes 43 and 45.
- A-59. The documents referenced in footnotes 43 and 45 are contained in the response to AG Question No. 190 and are as follows:

Footnote No.	File Reference
43	WEA WP-35
45	WEA WP-36

: :

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 60

- Q-60. Refer to Exhibit WEA-2 and the Avera Testimony at pages 35 36. In the case of regulated utilities, provide an explanation of why it is not circular to use the "sustainable growth" method to determine returns on equity.
- A-60. While Dr. Avera's testimony indicates that the earnings growth projections of securities analysts provide a superior guide to investors' expectations, the sustainable growth approach is frequently referenced in regulatory proceedings and is consistent with the theory underlying the constant growth DCF model. In implementing the constant growth DCF model, a key requirement is that the growth rates reflect the forward-looking expectations of investors, which includes their assumptions regarding the actual rates of return expected in future periods. These expected earned rates of return are dependent on the authorized rates of return that are expected in future periods, but this is also the case for future growth in earnings, dividends, and book value, which are all ultimately tied to a utility's ability to recover its reasonable and necessary costs of service, including a fair ROE. In other words, it is investors' expectations including those for future allowed ROEs that determine observable stock prices, and these are the only proper basis for the growth rate used in applying the DCF model.

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 61

- Q-61. Refer to Exhibit WEA-2 and the Avera Testimony at page 37. In the case of regulated utilities, provide a discussion of how using the expected growth rate of stock prices determined by stock analysts in the Discounted Cash Flow model satisfies the requirements of the model and produces credible results.
- A-61. Reference to investors' expectations for growth in share prices in applying the DCF model is based directly on the theory and assumptions underlying this approach, and not on Dr. Avera's professional judgment. The DCF model is based on the notion that observable stock prices are equal to the present value of the cash flows that investors expect to receive, both in the form of dividends and stock price appreciation over their holding period. Thus, growth in stock price is directly related to investors' expected returns, and projected stock prices from investment advisory services such as the Value Line Investment Survey ("Value Line") are widely reported and available to investors. For example, Value Line reports the annualized total expected return based on expected share price appreciation for each of the stocks it covers (see, e.g., WEA WP-49 provided in response to AG-1 Ouestion No. 190). In other words, projected growth in stock price is directly relevant to an analysis of the future cash flows that investors expect to receive when they purchase common stocks and is entirely consistent with the underlying basis of the DCF model. Similarly, under the assumptions required to derive the constant growth form of the DCF model, stock price, earnings, dividends, and book value are all expected to grow at the same rate. Dr. Myron Gordon noted in his seminal article, The Cost of Capital to a Public Utility (1974), that growth in stock price could serve as another guide to investors' growth expectations in the constant growth DCF model, observing that, "[T]he rate of growth in the price of a stock ... will respond to all of the factors mentioned above and, in addition, to the yield investors require on the share." Similarly, The Cost of Capital - A Practitioner's Guide, published by the Society of Utility and Regulatory Financial Analysts, observed that under the assumptions of the DCF model, "The stock price grows proportionally to the growth rate." Copies of the above-referenced sources are in the attached CD, in folder titled Question No. 61.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 62

- Q-62. Refer to Exhibit WEA-2 and the Avera Testimony at page 38. Provide a copy of the relevant pages in the Federal Energy Regulatory Commission ("FERC") document cited in footnotes 48 and 49 that discuss FERC's rationale and decision with regard to rate of return.
- A-62. Copies of the page numbers as cited in Dr. Avera's testimony are attached. Copies of the FERC Orders referenced on page 38 in Dr. Avera's testimony are contained on the attached CD in the folder titled Question No. 62, referenced as Attachment 1 and Attachment 2.

n46 See trial staff's Initial Comments, Att. D-1, at pp. 12-15.

n47 Both Constellation and Duke are forecasted to issue stock.

n48 Exh. SCE-104, at p. 14 (containing a corrected forecasted growth rate of eight percent rather than 39 percent for the one analyst that was excluded from trial staff's calculation).

[**49]

An adjustment to this data is appropriate in the case of PG&E's low-end return of 8.42 percent, which is comparable to the average Moody's "A" grade public utility bond yield of 8.06 percent, for October 1999. n49 Because investors generally cannot be expected to purchase stock if debt, which has less risk than stock, yields essentially the same return, this low end-return cannot be considered reliable in this case. Therefore, excluding this single outlier, the resulting zone of reasonableness for the comparable companies is 9.59 percent to 12.44 percent. The midpoint return is 11.02 percent.

n49 Exh. SCE-104, at p. 31.

We will next consider where, within this zone of reasonable returns, SoCal Edison's ROE should be set. In making this determination, it is necessary to measure the business and financial risks faced by SoCal Edison relative to the overall risks attributable to the appropriate proxy group of companies. As noted above, a substantial body of evidence has been presented in this case arguing [**50] for and against the relative riskiness of a utility transferring its transmission assets to an ISO. In addition, SoCal Edison, trial staff, and SMUD attempted to quantify the potential risks associated with SoCal Edison's transfer of assets to the California ISO. However, much of this evidence was disputed by one party or another, or was speculative. In addition, much of the evidence submitted by the parties in their Initial Comments and Reply Comments was tied only tangentially to SoCal Edison.

The revised and updated DCF analyses submitted by SoCal Edison, trial staff and SMUD reflect updated investor expectations for SoCal Edison, which are based on more than a year's worth of operating practice by the California ISO. Given the conflicting evidence in this case on the issue of risk, we find that the updated financial data relied upon above is the best quantifiable measure of the investment communities' current risk assessment for SoCal Edison.

SoCal Edison argues that its risks exceed those of the proxy group based, among other things, on the rating of the comparable group's senior secured debt. Except for two of the five Southern Company subsidiaries, which have the same S&P [**51] bond rating as SoCal Edison, the rest of the companies in this proxy group are rated "AA-". n50 SoCal Edison's zone of reasonableness (9.89 - 10.51 percent) places SoCal Edison at the lower end of the zone of reasonableness of the comparable companies. This would be a reasonable result, if SoCal Edison was less risky than the comparable companies. However, based on the higher bond ratings of the comparable companies, we find that SoCal Edison is more risky than the comparison group. Therefore, the appropriate ROE for SoCal Edison's ROE at the midpoint of returns indicated for the comparison group. Therefore, we will establish SoCal Edison's ROE at the midpoint of the upper half of the zone of reasonableness. n51 That zone is 11.02 - 12.44 percent with a midpoint [*61,267] of 11.73. However, because this return exceeds SoCal Edison's own request, we will adjust the indicated return downward to 11.60 percent.

n50 Exh. SCE-102, at p. 18.

n51 See Consumers Energy Company, 85 FERC P61,100 at p. 61,364 (1998).

[**52]

Use of Updated Data

Because capital market conditions may change significantly between the time the record closes and the date the Commission issues a final decision, we have consistently required the use of updated data in setting a company's ROE. n52 Here, however, the re-opened record authorized by the September 17 Order has permitted us to use current data, making any additional updates unnecessary. Consequently, SoCal Edison's ROE will be set at 11.6 percent for the pe-

Docket Nos. ER09-75-000 and ER09-75-001

up to 120 basis points above the average utility bond yield should be excluded from the proxy group.⁸³ Therefore, Pioneer proposes to exclude Consolidated Edison, Duke Energy, NiSource Inc., Otter Tail, and Vectren from the proxy group. The Commission finds that the exclusion of Duke, NiSource, and Otter Tail is consistent with Opinion No. 445, where the Commission found that "investors generally cannot be expected to purchase stock if debt, which has less risk than stock, yields essentially the same return."⁸⁴

94. However, the Commission finds that Pioneer improperly removed Consolidated Edison and Vectren Corporation from the proxy group on the ground that their low-end ROEs were 113 and 117 basis points above the 6.9 percent average yields on public utility BBB bonds reported by Moody's for the six-month period ending September 2008.⁸⁵ In Opinion No. 445 and subsequent precedent, the Commission excluded from the proxy group companies whose low-end ROEs fail to exceed the bond yield by at least some minimum number of basis points. For example, in *Atlantic Path 15*, cited by Pioneer, the Commission accepted the applicant's exclusion of companies with low-end ROEs about 90 basis points above the cost of debt.⁸⁶ Thus, the Commission will exclude from the proxy group companies whose low-end ROE is within about 100 basis points above the cost of debt, taking into account the extent to which the excluded low-end

⁸³ Southern California Edison Co., 92 FERC ¶ 61,070, at 61,266 (2000) (Opinion No. 445); Kern River Transmission Co., 117 FERC ¶ 61,077, at P 140 and n.227 (2006) (Kern River); Atlantic Path 15, LLC, 122 FERC ¶ 61,135, at P 20 (2008) (Atlantic Path 15).

⁸⁴ In that case, the Commission excluded one company (PG&E) which had a lowend ROE that was 36 basis points above the average Moody's public utility bond yield, while the next lowest ROE among the proxy companies was 153 basis points above the relevant Moody's bond yield. The Commission concluded that PG&E's low-end ROE "cannot be considered reliable," and thus the Commission excluded "this single outlier." Opinion No. 445, 92 FERC ¶ 61,070 at 61,266.

⁸⁵ The Commission's proxy group consists of the following companies: ALLETE, Alliant Energy Corp., Ameren Corp., American Electric Power Co. Inc., Consolidated Edison Inc., Dominion Resources Inc., DPL Inc., Exelon Corp., FirstEnergy Corp., Integrys Energy Group Inc., Pepco Holdings Inc., Public Service Enterprise Group, Vectren Corp., Wisconsin Energy Corp., and Xcel Energy Inc.

⁸⁶ Companies that were excluded in *Atlantic Path 15* include Pinnacle West and Idacorp which had low-end ROEs of 89 and 90 basis points above the cost of debt, respectively.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 63

Responding Witness: William E. Avera

Q-63. Refer to Exhibit WEA-4 and the Avera Testimony at page 41.

- a. Provide a copy of the relevant pages discussing returns on equity in the FERC document cited in footnote 56.
- b. Provide an explanation of whether the FERC decision establishing an "extreme outlier" ceiling was specific to that 2004 case or was meant to be a hard-and-fast rule to be applied as a ceiling in all cases thereafter.
- c. It does not follow that there is anything illogical about expected earned returns for firms operating in a competitive market that should be eliminated from the analysis. Provide an explanation of why the logic FERC applied to returns for regulated firms at the federal level should apply to firms operating in open competitive markets.
- A-63. a. A copy of the page number as cited in Dr. Avera's testimony is attached. See the attached Order on CD in the folder titled Question No. 63.
 - b. The FERC decision referenced in Dr. Avera's testimony at f. 56 has served as precedent in evaluating extreme outliers in subsequent cases. See, e.g., Potomac-Appalachian Transmission Highline, L.L.C., 122 FERC ¶61,188 (2008) and Tallgrass Transmission, LLC, 125 FERC ¶ 61,248 (2008).
 - c. Investors' required rate of return for non-regulated companies are governed by the same fundamental principles of finance as those for regulated utilities. As a result, it is entirely logical to eliminate low and high-end outliers when applying the DCF method to estimate the cost of equity to the Non-Utility Proxy Group.

Docket No. RT04-2-001, et al.

205. ROE Filers' witness, Dr. Avera, proposes that this group exclude firms that do not pay common dividends, or for which no growth rate data is currently available, as reported by I/B/E/S International. Inc. (I/B/E/S), or Value Line. We find this approach is generally acceptable. However, we will not preclude the presiding judge from finding candidates for inclusion in the proxy group for which comparable data can reasonably be substituted for the growth rate data reported by I/B/E/S or Value Line. We also find it appropriate, as Dr. Avera proposes, to exclude from consideration in the proxy group, companies whose low-end ROE was lower than these companies' reported debt cost. In addition, we agree that the inclusion of PPL Corporation (PPL) in this Proxy Group is inappropriate. Specifically, we find PPL should be excluded from the Proxy Group because its 17.7 percent cost of equity is an extreme outlier and the inclusion of this number in the calculation in an unreliable ROE that will skew the results. As Dr. Avera states in his testimony, it is often necessary to eliminate illogical results from cost of equity estimates that fail to meet threshold tests of economic logic. We believe a 13.3 percent growth rate is not a sustainable growth rate over time and therefore does not meet threshold tests of economic logic.

206. In the March 24 Order we accepted, subject to suspension, hearing and the application of our Pricing Policy Statement (when issued), the ROE Filers' proposed 100 basis point adder¹⁰⁶ attributable to new transmission investment. This incentive is, we stated, is an appropriate first step to encouraging vital capital investment in the enlargement, improvement, maintenance and operation of facilities for the transmission of electric energy in interstate commerce. In order to avoid any potential delay in the hearing as a result of this directive, we find it necessary to provide guidance regarding the types of investments that would qualify for this adder. We direct the parties and the presiding judge to develop a record, in this case, addressing the pros and cons of applying a 100 basis point adder for investments that, among other things: (i) are approved through the RTEP process; (ii) are capable of being installed relatively quickly: (iii) include the use of improved materials that allow significant increases in transfer capacity using existing rights-of-way and structures; (iv) utilize equipment that allows greater control of energy flows, enabling greater use of existing facilities; (v) has sophisticated monitoring and communication equipment that allows real-time rating of

¹⁰⁶ This ROE adder will be applied to net book value over time of such transmission facilities (i.e., the dollar amount of the incentive that is reflected in the cost of service will decrease over time as the book value of the transmission assets are depreciated). In addition, the overall allowed equity return, adjusted for any ROE adder, will be limited to the zone of reasonableness for the public utility authorized to receive an incentive adder.

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Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 64

- Q-64. Refer to Exhibit WEA-6 and the Avera Testimony at pages 43 46.
 - a. Explain why it was necessary to weight the firms in the calculations as opposed to performing the calculations on an unweighted basis.
 - b. Explain why 30-year treasury bonds, as opposed to 20-year treasury bonds, were used in the model.
 - c. Explain how stock prices were used and how they were obtained in calculating the dividend yield referenced in footnote (a) of Exhibit WEA-6.
 - d. What were the IBES growth rates referenced in footnote (b) of Exhibit WEA-6? Explain how the 9.2 percent average growth rate was calculated.
 - e. Explain whether the discussion regarding betas means that the utility proxy group's historical betas as reported by Value Line are too low.
- A-64. a. Dr. Avera's use of market value weights in the application of his forward-looking CAPM approach patterns the methodology used by S&P to construct the S&P 500, which weights the stock prices of the constituent firms based on market capitalization.
 - b. Dr. Avera did use 20-year treasury bonds in the model.
 - c. The stock prices used to calculate the dividend yields for each of the dividend paying firms in the S&P 500 were those reported by Value Line's proprietary stock screening program on October 1, 2009.
 - d. Please refer to the Excel workbook at WEA WP-58 from Dr. Avera's workpapers, which was provided in response to AG-1 Question No. 190, for all underlying data and calculations supporting the 9.2 percent weighted average growth rate.
 - e. Dr. Avera's discussion at pages 45-46 of his direct testimony highlights a number of complicating factors that impact the reliability of current CAPM results. As Dr.

Avera noted, because the beta values reported by Value Line are based on historical data, they may not reflect the forward-looking expectations of investors, which are the underpinning of the CAPM. This is especially the case in times of rapid and volatile changes in the capital markets, such as those that have recently occurred. Because of the precipitous drop and subsequent partial recovery in stock prices over the last year, reported betas based on historical data have become unstable. Because of this inherent mismatch between the historical circumstances underlying reported beta values and the current perceptions of investors, the CAPM may not accurately reflect investor's forward-looking rate of return requirements.

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Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 65

- Q-65. Refer to Exhibit WEA-8 and the Avera Testimony at pages 46 and 47. For the expected earnings approach, explain the contribution or effect of the non-regulated operations for each of the companies.
- A-65. As noted in Dr. Avera's testimony, the expected rates of return on common equity were based on projected values published by Value Line. Value Line does not publish any data that would indicate the relative contribution of earnings from regulated and non-regulated sources for the firms in the Utility Proxy Group.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 66

Responding Witness: Lonnie E. Bellar/ William Steven Seelye

- Q-66. Refer to the Bellar Testimony at page 4. Explain how the shift from a \$5.00 customer charge to a \$15.00 customer charge takes into account the rate-making principle of gradualism concerning residential rate increases.
- A-66. The ratemaking principle of gradualism has far more significance with respect to the impact on customer bills than the impact on particular components of a rate. While the increase in the customer charge is certainly significant, it is important to consider that there will be no impact on a customer with an annual usage equal to the class average. A customer whose usage is equal to the average usage for the class will be economically indifferent on an annual basis to whether all fixed distribution costs are recovered through the basic service charge or through a rate design consisting of a combination of a basic service charge and an energy charge. While KU is proposing to increase the basic service charge, the Company is proposing a corresponding reduction in the amount that would have otherwise been reflected in the energy charge. Consequently, most customers on KU's system will not be significantly affected by the increase in the customer charge. Of course, the exceptions to this are seasonal users and service connections for special purpose applications, such as garages, workshops, outbuildings, and other unusual service connections. The impact of increasing the customer charge will be greatest at the extreme cases of very low energy usage. In those cases, the revenues collected from such customers would not cover the actual cost of providing service under the Company's current rate design. By bringing the basic service charge more in line with the actual cost of providing service, the Company's proposed rates will result in a reduction in the intra-class subsidies that some customers are providing to other customers within the residential rate class.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 67

Responding Witness: Lonnie E. Bellar

- Q-67. Refer to page 7 of the Bellar Testimony concerning the termination of the Owensboro Municipal Utility ("OMU") contract. Explain whether termination of the OMU contract was anticipated and taken into consideration at the time the ownership split for TC2 of 19 percent for LG&E and 81 percent for KU was determined.
- A-67. The ownership split for TC2 was determined in December 2004 and included in the filing for a Certificate of Public Convenience and Necessity in Case No. 2004-00507. The OMU contract was expected to continue at the time of the ownership ratio was determined and approved. In May 2006 OMU officially issued their four year notice to terminate the contract effective May 2010.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 68

Responding Witness: Robert M. Conroy

- Q-68. Refer to the Conroy Testimony at pages 3-4. In explaining the adjustment to eliminate Environmental Cost Recovery ("ECR") revenues and expenses, Mr. Conroy states all ECR revenues are eliminated from the test year but only those expenses associated with the 2005, 2006, and 2009 ECR plans have been eliminated. Mr. Conroy states that all ECR revenues "are eliminated because failure to do so would overstate KU's adjusted operating revenues by the portion of ECR revenues not received through the ECR mechanism going-forward." Explain more fully why all ECR expenses are not eliminated.
- A-68. The purpose of the adjustment discussed on pages 3-4 of the Conroy Testimony is to remove the effects of cost recovery through separate trackers. With the elimination of the 2001 and 2003 ECR Plans, expenses associated with those Plans that are currently recovered through the monthly ECR filings will instead be included in KU's base rates. Because base rate recovery of these expenses is proposed, the expenses themselves must remain in KU's revenue requirement. Only the ECR expenses related to the 2005, 2006, and 2009 Plans will be recovered through the ECR mechanism upon approval of the Companies request in this proceeding. Therefore, only those expenses were eliminated in this adjustment.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 69

Responding Witness: Robert M. Conroy

- Q-69. Refer to page 8 of the Conroy Testimony. Mr. Conroy states that LG&E and KU are not yet able to completely harmonize their rate schedules. Explain why the companies are unable to do so.
- A-69. The Companies have made considerable progress towards harmonizing the terms and conditions and the structure of the rate schedules between KU and LG&E. The changes that were made in the previous rate cases and those that are being proposed in this proceeding provide benefits to the administration and interpretation of the services provided to customers, send a more appropriate price signal to the customer, and ultimately improve customer service and satisfaction. LG&E and KU have not completed the harmonization of their rate schedules because further changes would have resulted in significant customer billing impacts and strained both metering and administrative resources. The Companies will continue to evaluate and harmonize their rate schedules adopting the best practices where appropriate.

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 70

Responding Witnesses: Robert M. Conroy/William Steven Seelye

- Q-70. Refer to page 10 of the Conroy Testimony. Starting at line 11, Mr. Conroy states that customers taking primary service under rate Time of Day ("TOD") will migrate to current rate Large Time of Day ("LTOD"), which is being renamed to Time-of-Day Primary ("TODP").
 - a. Provide the resultant effect on the bills of customers who have to migrate.
 - b. State whether there are any other instances in which customers would be required to migrate due to proposed tariff changes.
- A-70. a. See response to Question No. 4.
 - b. No. However, there are customers who are grandfathered on one rate with the option to migrate to another rate.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 71

Responding Witness: Robert M. Conroy/ William Steven Seelye

- Q-71. Refer to the Conroy Testimony at page 15. Starting at line 7, Mr. Conroy states that the rate Fluctuating Load Service will be based on a five-minute demand billing interval. Explain the reason for this change and the effect it will have on current customers.
- A-71. The only customer that takes service under Fluctuating Load Service is a large arc furnace ("Arc Furnace"), which is the largest customer on either KU or LG&E's system. As explained on page 24-26 of Mr. Seelye's direct testimony, Rate FLS is available to large loads that fluctuate significantly within short periods of time. The Company is proposing that Rate FLS be based on a five-minute billing interval in order to encourage the Arc Furnace and any customers that might take service under this rate schedule in the future to manage the fluctuating nature of their loads. Because of the highly volatile nature of the load and the short duration of the spikes, a normal 15-minute billing interval does not adequately reflect the magnitude of the load.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 72

Responding Witness: Robert M. Conroy

- Q-72. Refer to Rives Exhibit 2 and page 5 of the Conroy Testimony concerning the adjustment to remove the environmental surcharge rate base from KU's capitalization. Provide workpapers, spreadsheets, etc. which show the derivation and the components of the \$104,304,706 amount of the environmental surcharge rate base.
- A-72. See attached. Also see the CD attached to the response to KIUC-1 Question No. 21 for an electronic version of the requested information in the folder titled Question No. 21 in file named "RR Exhibits".

		KENTUCKY UTILITIES	TILITIES			Supporting Sponsor	Supporting Schedule-Exhibit 3 Sponsoring Witness: Rives Page 1 of 3
	Net O	Net Original Cost Kentucky Jurisdictional Rate Base <u>At October 31, 2009</u>	lurisdictional Rate Ba <u>1, 2009</u>	9 			
Title of Account (1)	Kentucky Jurrsdictionaf Rate Base at October 31, 2009 (2)	Kentucky Jurrisdictional ECR Rate Base at October 31, 2009 (3)	Kentucky Jurisdictional ECR Roll-In Rate Base (4)	Kentucky Jurisdictional Net ECR Rate Base (5)	Kentucky Jurrsdictional Base Rate Base at October 31, 2009 (6)	Other Jurnsdicttonal Rate Base at October 31, 2009 (7)	Total Company Rate Base at October 31, 2009 (8)
1. Utility Plant at Onginal Cost	\$ 5,196,890,719	(Page 3 Col 2) \$ 1,250,356,336	(Page 3 Col 7 + 8) S 1,121,460,285	(3 - 4) \$ 128,896,051	(2 - 5) \$ 5,067,994,668	\$ 779,005,691	(/ + o + c) \$ 5.975,896,410
 Deduct: Reserve for Depreciation 	1,824,368,838	61,036,758	48,081,985	12,954,773	1,811,414,065	277,102,064	2,101,470,902
4. Net Uúlity Plant	3,372,521,881	1,189,319,578	1,073,378,300	115,941,278	3,256,580,603	501,903,627	3,874,425,508
 Deduct: Customer Advances for Construction 	2,365,522				2,365,522	14,190	2,379,712
	298,216,001 3 830 376	48,020,637 -	38,022,940 -	9,997,697	288,218,304 3,839,326	42,501,896 605,213	340,717,897 4,444,539
 Asset Retrement Obligation-Net Assets Asset Retrement Obligation-Regulatory Liabilities 	3,543,696		,		3,543,696	558,611	4,102,307
	84,059,458	23,342,878	20,311,988	3,030,890	81,028,568	14,251,644	98,311,102
11. Total Deducuons	392,024,003	71,363,515	58,334,928	13,028,587	378,995,416	57,931,553	449,955,556
12. Net Plant Deductions	2,980,497,878	1,117,956,063	1,015,043,372	102,912,691	2,877,585,187	443,972,074	3,424,469,952
 Add: Add: and Supplies (b) 	105,065,854	402,239	597,739	(195,500)	105,261,354	16,109,584	121,175,438
15. Prepayments (b)(c)	3,231,585	•			3,231,585	441,303	3,672,888
 Emission Allowances (b) Cardina Caninal (name 2) 	670,815 80,258,812	1,049,458 1,394,217	3,630 852,530	1,045,828 541,687	(375.013) 79,717,125	1037,201 6,887,593	87,146,405
	189,227,066	2,845,914	1,453,899	1,392,015	187,835,051	23,544,226	212,771,292
19. Total Net Original Cost Rate Base	\$ 3,169,724,944	S 1,120,801,977	S 1,016,497,271	S 104,304,706	\$ 3,065,420,238	\$ 467,516,300	\$ 3,637,241,244
20. Percentage of Rate Base to Total Company Rate Base	87.15%			2,87%	84.28%	12.85%	%00'001
 (a) Reflects investment tax credit treatment per Case No. 2007-00178 (b) Average for 13 months. (c) Excludes PSC fees. 	oj					Attachment to F	Attachment to Response to KU KPSC-2

SC-2 Question No. 72 Page 1 of 3 Couroy

															C-2 Question No. 72 Page 2 of 3 Conroy	
	Supporting Schedule-Exhibit 3 Sponsoring Witness: Rives Page 2 of 3			Total Company Rate Base at	(8) (5 + 6 + 7)	s 939,447,099	205,005,245	S 205,005,245	S 734,441,854	\$ 87,146,405					Attachment to Response to KU KPSC-2 Question No. 72 Page 2 of 3 Conroy	
	Supporting. Sponsor			Other Jurisdictional Rate Base at	(1)	S 119,746,509	27,375,153	\$ 27,375,153	\$ 92,371,356	\$ 6,887,593					Attachment to	
				Kentucky Jurnsdictional Base Rate Base at	October 31, 2009 (6) (2 - 5)	s 815,367,094	177,630,092	S 177,630,092	5 637,737,002	s 79,717,125						
				Kentucky Jurnsdictional Net ECR	Rate Base (5) (3 - 4)	s 4,333,496		5	\$ 4,333,496	S 541,687		 		 		
•		TILITIES	Vorking Capital 1, 2009	Kentucky Jurrsdictional ECR Roll-In	Rate Base (4)	\$ 6,820,240		- 5	\$ 6,820,240	\$ 852,530						
		KENTUCKY UTILITIES	Calculation of Cash Working Capital <u>At October 31, 2009</u>	Kentucky Jurisdictional ECR Rate Base at	October 31, 2009 (3)	S 11,153,736			\$ 11,153,736	\$ 1,394,217						
				Kentucky Jurnsdictional Rate Base at	October 31, 2009 (2)	819,700.590	177 630 092	\$ 177,630,092	S 642,070,498	\$ 80,258,812						
					Title of Account (1)	 Operating and maintenance expense for the 12 months ended October 31, 2009 	2. Deduct:	 Electric Fower Furchased Total Deductions 	5. Remainder (Line 1 - Line 4)	6. Cash Working Capital	Kentucky Jursdictional (12 1/2% of Line 5) Other Jurisdictional comprised of FERC, Tennessee, and Virginia Jurisdictional methodologies.					

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5 %	5	
Supporting Schedule-Exhibit 3 Sponsoring Witness:	Page 3 of 3	

KENTUCKY UTILITIES

Net Original Cost Kentucky Jurisdictional Rate Base

	Net O	Net Original Cost Kentucky Jurisdictional Kate Base <u>At October 31, 2009</u>	y Jurisdictional Kate I r 31, 2009	U#Se				
	Kentucky	Other	Total	Kentucky	Feb 2009 Kentucky	Feb 2009 Kentucky	Oct 2009 Kentucky	
	Jurisdictional	Junsdictional	Company	Junsdictional	Jurisdictional	Junisdictional	Jurisdictional	a-%
Tide of Account	ECR Rate Base at October 31, 2009	ECR Rate Base at October 31, 2009	ECK Kate Base at October 31, 2009	EUK Roll-In Rate Base (1)	Rate Base	Rate Base	Rate Base	<u>}</u>
(1)	(2)	(3)	(4)	(1)	(0)	(2 - 6)		_
 Utility Plant at Original Cost 	\$ 1,250,356,336	5 197,100,150	\$ 1,447,456,486	S 1,121,460,285	S 208,450,592	\$ 913,009,693	S 208,450,592	- 65
 Deduct: Reserve for Depreciation 	61,036,758	9,621,540	70,658,298	43,818,149	25,060,217	18,757,932	29,324,053	
4. Net Utility Plant	1,189,319,578	187,478,610	1,376,798,188	1,077,642,136	183,390,375	894,251,761	179,126,539	- 8
5. Deduct:								
6. Customer Advances for Construction	•							
7. Accumulated Deferred Income Taxes	48,020,637	7,569,742	55,590,379	37,506,646	29,582,460	7,924,186	30,098,754	3
 Asset Retirement Obligation-Net Assets 	•	•			•			
Asset Returement Obligation-Regulatory Liabilities								
10. Investment Tax Credit (a)	23,342,878	3,957,456	27,300,334	20,311,988	•	20,311,988		
11. Total Deductions	71,363,515	11,527,198	82,890,713	57,818,634	29,582,460	28,236,174	30,098,754	2
12. Net Plant Deductions	1,117,956,063	175,951,412	1,293,907,475	1,019,823,502	153,807,915	866,015,587	149,027,785	120
13. Add:								
14. Materials and Supplies	402,239	61,416	463,655	597,739	•	597,739		
15. Prepayments	•			•	•	•		
 Emission Allowances 	1,049,458	165,431	1,214,889	3,630		3,630		
17. Cash Working Capital	1,394,217	215,919	1,610,136	878,115	291,459	586,656	265,874	28
18. Total Additions	2,845,914	442,766	3,288,680	1,479,484	291,459	1,188,025	265,874	87
19. Total Net Original Cost Rate Base	5 1,120,801,977	5 176,394,178	\$ 1,297,196,155	\$ 1,021,302,986	\$ 154,099,374	\$ 867,203,612	S 149,293 659	5
								į.

(1) ECR Roll-in pursuant to Commussion's Order dated December 2, 2009 in Case No. 2009-00310. (a) Reflects investment tax credit treatment per Case No. 2007-00178. Attachment to Response to KU KPSC-2 Question No. 72 Page 3 of 3 Conroy

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1,247,516,451

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01 & 03 01 & 03 PLANS AS OF PLANS AS OF 02/29/09 10/31/09

TOTAL ROLL-IN CASE NO. 2009-00310 FEBRUARY 2009

FROM SEELYE EXHIBIT 18 ALLOC (PER PSC 98-474)

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 73

Responding Witness: Butch Cockerill

- Q-73. Refer to the Direct Testimony of John Wolfram ("Wolfram Testimony") at page 3.
 - a. What is the anticipated cost per customer of metering and incremental costs associated with equipment and installation for the proposed Low Emission Vehicle ("LEV") service?
 - b. How many participants does KU anticipate for the LEV service? Does KU expect to reach a level of 100 applicants and, if so, does it plan to limit participation on the rate or is that simply an option?
- A-73. a. The anticipated meter and installation cost are \$136.00 and \$21.28 respectively.
 - b. KU cannot predict what the customers' response will be to the new proposed rate or how or when customers will adopt the new low emission vehicles as they are introduced to the market. Until sufficient data is available that allows KU to analyze the effects of the new rate, we plan to limit participation to 100 applicants.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 74

Responding Witness: Butch Cockerill

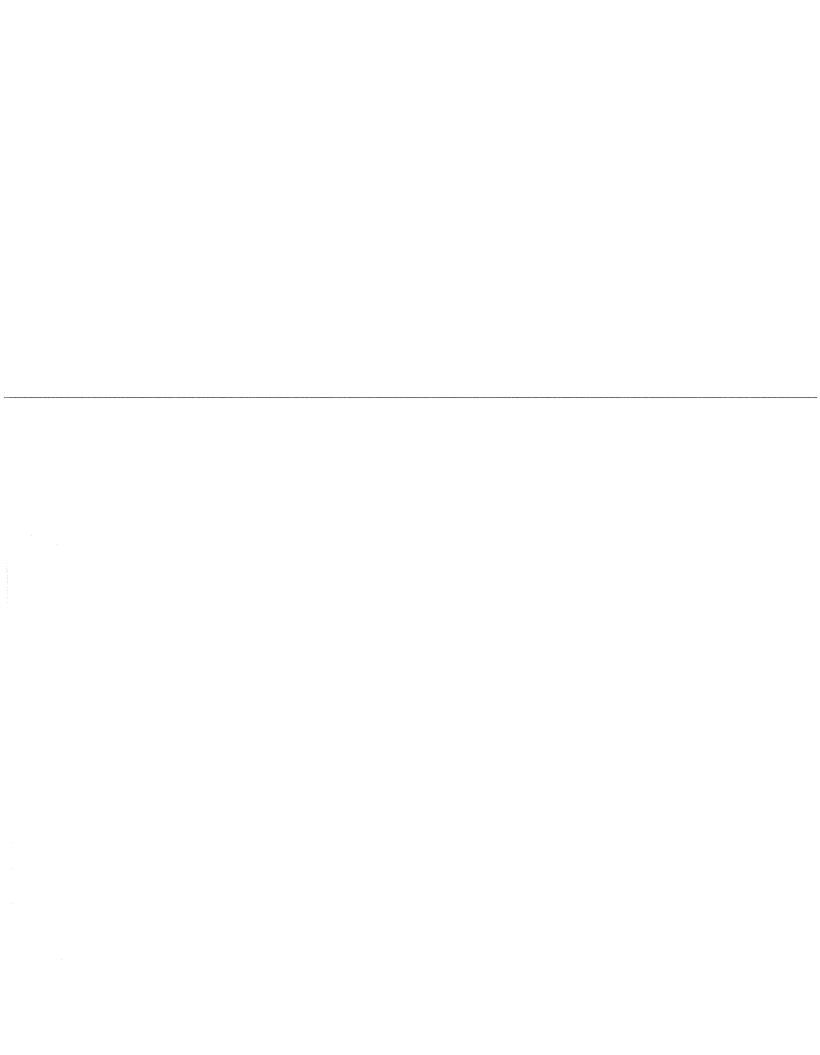
Q-74. Refer to the Wolfram Testimony at page 5.

- a. Has KU experienced a problem with deposit installment payments related to customers disconnected for nonpayment? If so, provide details. If not, explain why KU is proposing to prohibit such customers from participating in deposit installment payments.
- b. Starting at line 20, Mr. Wolfram lists KU's programs aimed at helping customers with billing and payment. Installment plans are included in the list. A letter filed on February 11, 2010 in this case by a KU customer states that he contacted KU when he received his bill and was unable to pay it. He states that he was told that he could not make payment arrangements until he received a disconnection notice. He also states that he contacted KU after receiving his disconnection notice but was told that he had called too late. KU's tariff does not contain a policy for installment plans but does include the Customer Bill of Rights at PSC No. 14, Original Sheet No. 95. The Customer Bill of Rights states that a customer has the right to negotiate a partial payment plan when service is threatened with disconnection for nonpayment. Provide KU's installment plan policy and explain why it is not set out in its tariff.
- A-74. a. The Company offers deposit installments over periods of 1, 2, 3 and 4 months. From April 1, 2009 through December 31, 2009, the default rate for deposit installments was 78% (see chart below). This is significantly higher than the rate for a normal utility bill installment plan, which is approximately 55%. By definition, customers disconnected for nonpayment have proven themselves a credit risk. Due to the high default rate with deposit installments, and the inherent credit risk following a nonpay disconnect, the Company proposes to prohibit such customers from participating in deposit installment payments.

Deposit Installment Type	Installments Granted	Installments Defaulted	% Defaulted
1 Month	11,781	8,652	73%
2 Month	1,324	998	75%
3 Month	5,654	4,552	81%
4 Month	16,821	13,544	81%
Total	35,580	27,746	78%

b. KU's installment plan policy, which the Commission has approved, is set out in the Customer Bill of Rights at PSC No. 14, Original Sheet No. 95: "You have the right to negotiate a partial payment plan when your service is threatened by disconnection for non-payment." Because each customer's circumstances are unique, stating a policy with greater specificity could limit KU's ability to work out installment plan arrangements with customers.

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 75

Responding Witness: Butch Cockerill

- Q-75. Refer to pages 8 10 of the Wolfram Testimony regarding the CCS system and Customer Self-Service website.
 - a. Explain whether there is a direct connection between the CCS system and the Customer Self-Service website, whether the website is a component or function of the CCS system, and when the website became available to customers.
 - b. Page 9 lists several functions customers can perform via the Customer Self-Service website. If the website is linked or dependent on the CCS system, identify any of those functions that were not available to customers when the CCS system was implemented on April 1, 2009.
- A-75. a. The Customer Self-Service (CSS) website is built using the SAP Utility Customer E-Services (UCES) delivered module of the CCS system. UCES is directly integrated to CCS. The UCES based CSS system became available to customers on April 2nd, 2009.
 - b. The attached is a table of the process details

Attachment to Response to KU KPSC-2 Question No. 75(b) Page 1 of 5 Cockerill

Customer Self-service processes	Date Available	Available prior to CCS
- Bank Information (Federal Transit Router verification)		
- Register a bank checking account	April '09	Yes
- Modify a bank checking account	April '09	Yes
- Remove a bank checking account	April '09	Yes
- Change Password		
- Confirm current password and enter a new password	April '09	Yes
Account Overview		
- Meter and Usage History Display		
- table format of usage by meter with option to select time period	May '09	Yes ¹
- graph format of usage by meter for previous 12 months	May '09	No
- download data in cvs format by meter from table format for time period selected	May '09	No
My Bill		
- View Bill		
- Search historical bills for a billed amount	April '09	No
- Display utility bill summary information (previous 3 yrs.)	April '09	Yes
- Display utility bill images by type (previous 13 mos.)	April '09	Yes
- Display disconnect notice image (previous 13 mos.)	April '09	Yes
- Display Budget Billing Reminder letter image (previous 13 mos.)	April '09	Yes
- Display Power Source Newsletter	April '09	Yes
- Download Adobe Reader	April '09	Yes
- <u>Pay Bill (eCheck requires "I authorize" check box)</u>		
- eCheck, Credit Card, Debit Card, ATM Card, PayPal w/realtime statistical credit memo posting and disconnect order cancelation	April '09	Partial ²
- eCheck future dated payment	April '09	No
- Register a new bank account for current payment transaction use	April '09	No
 Accept Winterhelp/WinterCare one-time donation with eCheck utility bill payment 	April '09	Yes
- View Payment History		
- Display payment transactions by status (processed or pending) or by time period (12, 24 or 36 months)	April '09	Partial ³
- Cancel pending e-check payment (not allowed if payment	April '09	Yes

Attachment to Response to KU KPSC-2 Question No. 75(b) Page 2 of 5 Cockerill

- New Home Energy Star builder and rater lists	Aug '09	No
- Dealer referral network list	Aug '09	No
- High efficiency lighting link to proper usage and disposal pages	Aug '09	No
- Green Energy link to enrollment form and information pages	Aug '09	No
- WeCare Audit link to information page	Aug '09	No
 HVAC Diagnostics and Tune-up link to request form and information pages 	Aug '09	No
- Residential Onsite Energy Audit request form and information page	Aug '09	No
- Residential Online Energy Audit preformed realtime	Aug '09	No
- Demand Conservation link to switches and thermostat enrollment and information pages	Aug '09	No
- Commercial Onsite Energy Audit request form and information page	Aug '09	No
- Commercial Rebate request form and information page	Aug '09	No
- Billing Options (requires "I authorize" check box)		
- Display "What are my billing options?"	April '09	Yes
- Display all contract accounts registered to the user and the billing option selected	April '09	Yes
- Allow selection of billing option, eBill e-mail or printed bill	April '09	Yes
- <u>Automatic Bank Club (ABC)</u>		
- Display "What is ABC?"	April '09	Yes
- Enrollment in ABC with registered bank account (requires "I authorize" check box)	April '09	Yes
- Enrollment in ABC with registration of a new bank account (requires "I authorize" check box)	April '09	Yes
- Removal from the ABC program (requires "I accept" check box)	April '09	No
- Budget Payment Plan		
- Display "What is a Budget Payment Plan?"	July '09	No
- Enroll in Budget Payment Plan (requires "I agree" check box)	July '09	No
- Display budget payment history (13 mos.)	July '09	No
- Removal from Budget Payment Plan	July '09	No
- Help Those in Need (Winterhelp/WinterCare)		
- Display "What is Community Winterhelp?" or "What is Community WinterCare?" based on account selected	May '09	Yes

Attachment to Response to KU KPSC-2 Question No. 75(b) Page 3 of 5 Cockerill

	1 1	
- Enroll in Winterhelp/WinterCare pledge program (requires	May '09	Partial ⁴
"I agree" check box)	· · · · · · · · · · · · · · · · · · ·	
- Modify pledge amount for Winterhelp/WinterCare pledge	May '09	Partial⁴
program (requires "I agree" check box)		
- Display Winterhelp/WinterCare payment history (for dates	May '09	No
entered)		
- Removal from Winterhelp/WinterCare pledge program	May '09	No
(requires "I agree" check box)		
- <u>Payment Arrangement</u>	D = = 100	
- Display existing payment arrangement	Dec '09	No
- Create a non-deposit payment arrangement (requires "I	May '09	No
agree" check box)		
Report Outage (electric only)		
- Outages involving a pole are considered "urgent" and are	July '09	No
written directly to Trouble Order Entry system (TOE)	-	
- Outages not involving a pole are written directly to Outage	July '09	No
Management System (OMS)		
Service Requests		
- <u>Street Lights</u>		
- Request installation of a new street light	July '09	No
- Request existing street light to be relocated	July '09	No
- Request existing street light to be repaired	July '09	No
 Request existing street light to be removed 	July '09	No
- <u>Tree Trimming</u>		
- Report tree limb on wire	July '09	No
- Report trees that need trimming	July '09	No
- <u>Service Order</u>		
 Cover up lines install request (select date and requires "I accept fee" check box) 	May '09	No
- Open/Disconnect service temp for repair request (select date and requires "I accept fee" check box)	May '09	No
- Close/Reconnect after repair request (select date)	May '09	No
- Cover up lines remove request (select date)	May '09	No
- Drop lines request (select date and requires "I accept fee"		
check box)	May '09	No
Moving?		
- Move In		
- Premise search and selection	Aug '09	No
- Enter new construction address	Aug '09	No
- Select one start of service date for all services at the	Aug '09	No

Attachment to Response to KU KPSC-2 Question No. 75(b) Page 4 of 5 Cockerill

- Enter mailing address	Aug '09	No
- <u>Move Out</u>		
- Select one stop service date for all services at the premise	Aug '09	No
- Enter final bill address	Aug '09	No
- <u>Transfer to new address</u>		No
- Select one stop service date for all services at the current premise	Aug '09	No
- Premise search and selection	Aug '09	No
- Enter new construction address	Aug '09	No
- Select one start of service date for all services at the premise	Aug '09	No
- Enter mailing address	Aug '09	No
- Select to transfer ABC to new address, give warning for budget payment plan	Aug '09	No
Meter Reading Entry		
- Display "How do I read my meter?"	May '09	No
- Allow entry of a meter reading with plausability edits	May '09	No
Landlord Agreement	,	
- Display "What is a Landlord Agreement?"	Oct '09	No
- Allow removal of a premise from an agreement	Oct '09	No
- Allow renewal of a property agreement	Oct '09	No
- Allow adding a premise to a property	Oct '09	No
Low Income Agency Portal	Date Available	Available prior to CCS
Log-on Authorization		
- User ID and Password verification	July '09	No
Log-off		
- Closes application	July '09	No
Transaction Reporting		
- Mini-report of last 5 transactions for the agency	July '09	No
 Report of transactions for the agency for the time period entered 	July '09	No
Account Search and selection		
Account Search and selection - Agency representative must accept Terms of Use for each account	July '09	No
- Agency representative must accept Terms of Use for each	July '09	No
 Agency representative must accept Terms of Use for each account 	July '09 July '09	No No
- Agency representative must accept Terms of Use for each account Pledge Creation		

Attachment to Response to KU KPSC-2 Question No. 75(b) Page 5 of 5 Cockerill

 Entry of pledge details account passcode (if applicable) agency representative name pledge amount pledge type (crisis, subsidy, etc) 	July '09	No
- Display account usage history (previous 13 mos.)	July '09	No

¹ Usage History was not available until May '09. Customers could view historical bill images to obtain usage history

² Electronic Payments were available prior to CCS. However, with the implementation of CCS, pending disconnect orders are auto cancelled if payment criteria is met.

³ Prior to CCS only pending eCheck payments were viewable. With the CCS implementation, all pending and posted payments and pledges that have been received are viewable.

⁴ Winterhelp enrollment was available prior to CCS but WinterCare enrollment was not.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 76

Responding Witness: Butch Cockerill

- Q-76. Refer to page 9 of the Wolfram Testimony regarding the offerings to improve customer self-service. One of the items identified is net metering.
 - a. Provide the number of net metering customers on the KU system as of the end of the test year.
 - b. Provide the impact its net metering customers have had on the amount of KU's proposed electric revenue requirement.
- A-76. a. KU has fifteen (15) net metering service customers at the end of test year.
 - b. No significant value can be deducted on KU's proposed electric revenue requirement.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 77

Responding Witness: William Steven Seelye

Q-77. Refer to the Seelye Testimony. Provide an electronic copy of Seelye Exhibits 5 - 23 with the formulas intact and unprotected.

A-77. The requested information is included in an attached CD in folder titled Question No. 77.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 78

- Q-78. Refer to the Seelye Testimony at pages 1 and 2. Mr. Seelye states that the company's Cost-of-Service Study ("COSS") has been prepared using methodologies that have been accepted by the Commission in past rate cases. Identify and explain any changes in methodology from the COSS prepared in KU's most recent rate case and the COSS prepared for the instant case.
- A-78. There are no methodological differences between the current cost of service studies and those that were submitted in the last several rate cases. However, the modified Base-Intermediate-Peak (BIP) methodology used in earlier cost of service studies was adapted to recognize the fact that the system peak occurred during a winter month rather than during a summer month, but the methodology is otherwise same.

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 79

Responding Witness: William Steven Seelye

- Q-79. Refer to page 10 of the Seelye Testimony regarding greater electric energy usage of lowincome customers. Provide any available studies which would support this observation, including the results of KU's 2008 sales data review of low-income energy assistance program customers. Include in your response the results if 2009 data was used.
- A-79. The customer data analyzed in that proceeding indicated that the average monthly electric usage for low income energy assistance program customers was 1,416 kWh per month, compared to 1,311 kWh per month for the average residential customer. A similar analysis has not been performed based on test period data for this rates case; however, it is unlikely that the results would have changed significantly during the short period since KU's last rate case.

It should also be mentioned that in testimony submitted in LG&E's last rate case (Case No. 2008-00252), the witness for the Association of Community Ministries, Marlon Cummings indicated that the data provided by the Company was consistent with his own experiences working with low-income customers. Mr. Cummings stated that, "Due to the fact that most low income residents rent or own housing with inadequate insulation and or heating apparatus the cost of low income household utilities is above the level of other utility users." (Case No. 2008-00252, Direct Testimony of Marlon Cummings at p. 6, lines 18-20).

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 80

Responding Witness: Butch Cockerill/William Steven Seelye

- Q-80. Aside from removing any disincentive that may exist for KU to promote DSM, energy efficiency, and energy conservation, how do a higher basic service charge and a lower energy charge encourage conservation on the part of customers?
- A-80. As suggested by the question, the principal benefit in terms of promoting DSM, energy efficiency and energy conservation is that collecting more fixed costs through the basic service charge removes disincentives for the Company to promote these efforts. With fixed costs recovered through an energy charge, the Company is adversely affected whenever customers reduce their energy requirements. With more costs recovered through a fixed monthly charge, KU will be less reluctant to support efforts that would otherwise lower its margins and its ability to recover its costs

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 81

Responding Witness: Butch Cockerill/ William Steven Seelye

- Q-81. Page 12 of the Seelye Testimony discusses the stabilizing effect of higher basic service charges on customer bills.
 - a. State whether the Budget Payment Plan achieves the same stabilizing effect on customer bills.
 - b. How many of KU's customers use the Budget Payment Plan?
 - c. How does KU promote its Budget Payment Plan to customers?
- A-81. a. Higher basic service charges augment the effectiveness of the Budget Payment Plan. By recovering a greater portion of the Company's fixed costs through a fixed monthly charge rather than a variable charge (energy charge), the amounts that customers under the Budget Payment Plan will ultimately be responsible for paying (which ultimately reflect actual usage) will be less subject to volatility. For example, if a colder-than-normal winter occurs, customers will still ultimately be responsible for paying for the higher billing amount due to being charged a higher variable energy charge. Therefore, increasing the customer charge will enhance the effectiveness of the Budget Payment Plan.
 - b. As of October 31, 2009 there were 60,975 participants in the Budget Payment Plan.
 - c. KU promotes its Budget Payment Plan through:
 - Articles in monthly residential customer newsletter, mailed with customers' bills;
 - Bill inserts, mailed periodically to customers along with their bill;
 - Brochures and signage in KU's customer service walk-in centers;
 - Bill messages printed directly on customers' bills, including a check-box on the back of the customer's payment stub allowing customers to enroll;
 - Media relations, especially as part of winter and summer messages about how to manage higher bills due to increased usage.
 - Promote budget payment plan through customer service representatives.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 82

- Q-82. Refer to pages 12-14 of the Seelye Testimony, in which Mr. Seelye discusses the proposal to bill primary voltage customers on a kVA basis rather than a kW basis. Mr. Seelye states that billing on a kVA basis "avoids the necessity of including a power factor adjustment charge as a separate component of the rate." Does this statement mean that, absent any other change for these customers, the net effect of the kVA billing change on the customer's bill would be zero? If no, explain.
- A-82. No. Mr. Seelye's statement means that the implementation of kVA eliminates the need to have a power factor adjustment as a component of the rate. The impact on a customer's bill will depend on the customer's load factor at the time when the customer's billing demand is measured. If a customer has a power factor that is lower than the average for the class (i.e., further away from unity power factor), then, with everything else being equal, the customer will see a relatively *larger* increase as a result of being billed on a kVA basis. Conversely, if a customer has a power factor that is higher than the average for the class (i.e., closer to unity power factor), then, with everything else being equal, the customer will see a relatively *smaller* increase as a result of being billed on a kVA basis. For the class as a whole, billing on a kVA basis does not affect the amount of revenue that would be collected during the test year; but the impact will vary from customer to customer based on the individual customer's maximum demand power factors.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 83

- Q-83. Refer to pages 15 and 16 of the Seelye Testimony, which discuss May's having load patterns more characteristic of a summer month. Provide details of monthly load patterns sufficient to show that May has a summer rather than winter load pattern.
- A-83. Please reference Seelye Exhibit 3, pages 1-15. As can be seen on pages 4 through 7 and pages 14 through 15 of Seelye Exhibit 3, the winter months of November through April exhibit a "double humped" pattern with a prominent morning peak and sometimes less prominent evening peak. As can be seen on pages 8 through 12, the summer months of May through September exhibit a "single humped" pattern with a single prominent peak occurring in the late afternoon and evening hours.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 84

- Q-84. Refer to page 19 of the Seelye Testimony. Starting at line 11, Mr. Seelye states that the peak and intermediate periods were determined using 2008 data. Explain why 2009 data was not used.
- A-84. Load data for 2008 was compiled in support of a proposed time-of-day rate filed in a Virginia proceeding. Because of the highly unusual weather patterns during 2009, it was decided not to update the load study that was performed for the Virginia application, which represented more typical weather patterns, particularly during the summer months.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 85

- Q-85. Refer to the Seelye Testimony at page 20. Mr. Seelye states, "when the timedifferentiated unit charges for the proposed LEV rate are applied to estimated timedifferentiated billing units for RS, the revenues are approximately equal to total RS revenues." Explain how the estimated time-differentiated billing units for RS were determined.
- A-85. The time-differentiated billing units were developed from hourly load research data for Rate RS.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 86

Responding Witness: Lonnie E. Bellar/William Steven Seelye

- Q-86. Refer to pages 20 and 21 of the Seelye Testimony in which he discusses the proposed changes to the curtailable service riders. Mr. Seelye states that KU has one customer taking service under CSR1 and another taking service under CSR3.
 - a. Provide the resultant effect of these changes on the two customers' bills.
 - b. State whether KU has discussed the proposed changes with those customers. If so, provide the customers' responses.
- A-86. a. The effect of the proposed tariff changes will depend heavily on customer decisions under the proposed CSR tariff. For example, the effect of adopting the proposed CSR tariff will depend on whether a customer taking service under CSR chooses to curtail its load or to utilize the buy-through option when a non-physical curtailment is requested by the Company. If the customer chooses the buy-through option then the price that the customer pays for power will be determined in accordance with the automatic buy-through price formula set forth in the tariff.

Assuming that the customers will choose to curtail service rather than utilize the buythrough option, the following are the test-year impacts on the two customers' bills.

- (1) For the large Arc Furnace, which currently takes service under CSR3, the change will result in an annual <u>reduction</u> in its bill of \$1,757,507.
- (2) For a scrap metal company, which currently takes service under CSR1, the change will result in an annual *increase* in it bill of \$1,857.
- b. KU did not discuss with customers the proposed changes to the curtailable service riders prior to the filing of the Application. The Company routinely has discussions about service, billing, tariffs and other topics related to providing service to their facilities. Since the filing of the Application, discussions about various aspects of the filing as it relates to service to the customer's facilities have occurred.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 87

Responding Witness: William Steven Seelye

- Q-87. Refer to the Seelye Testimony at page 26. Mr. Seelye states that the fluctuating nature of the Arc Furnace's load was not taken into account in the COSS and that this likely understates the cost of serving the Arc Furnace and thus overstates its rate of return.
 - a. Explain why the fluctuating load of the Arc Furnace was not taken into account in preparing the COSS.
 - b. Does excluding the fluctuating load of the Arc Furnace from the COSS mean that the COSS likely overstates the cost to serve all other customers?
 - c. Provide the effect it would have on the COSS if the fluctuating load had been taken into consideration.
- A-87. a. The Arc Furnace's hourly load at the time of the winter and summer system peaks was included in the cost of service study. What Mr. Seelye meant by his statement is that because the coincident peak demands used to allocate production and transmission demand costs in the cost of service study are determined on an integrated hourly basis, rather than for some shorter integration period, the cost of service study does not fully capture the costs of providing service to the Arc Furnace. The Arc Furnace is unlike any other large load on KU's system. Within a given hour, the Arc Furnace's demand can swing back and forth a number of times from 1,500 kW to 150,000 kW and then back to 1,500 kW. No other large customer on KU or LG&E's system exhibits the degree of fluctuation as the Arc Furnace.

The standard approach in embedded cost of service studies is to use hourly integrated demands to determine coincident peak allocation factors for purposes of allocating fixed production and transmission costs. Because the loads for most customers and for most customer classes are relatively smooth and reasonably predictable within an hour, using hourly integrated demands to determine coincident peak allocators in a cost of service study provides a reasonable estimate of the cost of serving non-fluctuating load customers or non-fluctuating classes of customers.

For fluctuating load customers, however, allocating fixed production and transmission costs on the basis of hourly integrated demands is too imprecise of a

measurement tool for capturing the full costs of serving fluctuating load customers such as the Arc Furnace. For example, the Company must at all times have resources operating to supply the maximum real-time demand of the Arc Furnace. Therefore, if the Arc Furnace is swinging from 1,500 kW to 150,000 kW within a short time frame, the Company must have resources available to supply the full 150,000 kW, even though the average demand within the hour might only be 70,000 kW. In the Company's cost of service study, no attempt was made to reflect any additional capacity (above the capacity associated with the Arc Furnace's hourly coincident peak demands) that the Company would have to maintain to serve the Arc Furnace. The costs of maintaining any such additional capacity necessary to serve the Arc Furnace would be difficult to quantify and is not easily captured in a class cost of service study that utilizes standard cost allocation methodologies.

- b. Yes; however, the impact when spread over all other customers would likely be small.
- c. The Company has not compiled the data necessary to perform the requested analysis.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 88

- Q-88. Refer to the Seelye Testimony at page 34. Mr. Seelye states that KU is not proposing to increase the charges for mercury vapor and incandescent lights because these lights have been restricted for a number of years and are not being replaced. Explain why the fact that these lights are not being replaced affects the cost to serve these fixtures and thus the rate charged.
- A-88. The Company has not been replacing these lights for a number of years. Although the Company did not perform an individual cost of service study on each type of light, because of the age of these lights it is anticipated that they would be largely if not fully depreciated. Consequently, the Company did not believe that it would be appropriate to apply the same percentage increase to mercury vapor and incandescent lights as other types of lights, which continue to be installed and which are subject to replacement in the event that they fail.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 89

- Q-89. Refer to page 38 of the Seelye Testimony in which Mr. Seelye discusses the calculation of the Excess Facilities charges.
 - a. Mr. Seelye states a cost of capital and discount rate of 8.32 percent, which is the cost of capital proposed in this case. Explain whether KU intends to update the Excess Facilities charges if a different cost of capital is approved.
 - b. Provide the calculation of the currently approved Excess Facilities charges in the same format as Seelye Exhibit 9.
- A-89. a. Yes.
 - b. Because the calculation of the currently approved Excess Facilities charges were determined using a different methodology, they cannot be provided in the exact same format as Seelye Exhibit 9. Attached is the exhibit filed with the Commission in Case No. 2003-00432 in support of the Excess Facilities charges approved in that proceeding.

Kentucky Utilities Company Excess Facilities Charge 12 Months September 30, 2003

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	DISTRIBUTION			
	Total	Carrying Costs	Operating Expenses	
Accounting Approach				
Return on Capitalization	7.25%	7.25%		
Expense Components				
Operating Maintenance Depreciation (based on revised rates) Insurance Taxes Other Than Income Taxes	1.05% 1.77% 3.10% 0.24% 0.50%		1.05% 1.77% 3.10% 0.24% 0.50%	
Income Taxes @ 40.36%	4.06%	4.06%		
Total by Component	17.97%	11.31%	6.66%	
Total			17.97%	
Monthly Charge	1.50%	0.94%	0.56%	

Kentucky Utilities Company Cost of Capital 12 Months September 30, 2003

Description	Capitalization	Percentage of Capitalization	Cost Rate	Composite Cost of Capital
Long-Term Debt	\$483,733,595	36.700%	3.120%	1.150%
Short-Term Debt	\$116,682,019	8.850%	1.170%	0.100%
Preferred Stock	\$31,531,735	2.390%	5.680%	0.140%
Common Equity	\$686,177,634	52.060%	11.250%	5.860%
Total Capitalization	\$1,318,124,983	100.000%		7.250%

Kentucky Utilities Company Components of Excess Facilities Charge Expenses 12 Months September 30, 2003

Investment (1)	Jan. 1, 2002	Dec. 31, 2002	Average
Plant in Service			
Distribution Plant	\$860,749,459	\$896,399,091	\$878,574,275
Transmisison Plant	\$446,271,605	\$451,607,351	\$448,939,478
Distribution & Transmission Plant	\$1,307,021,064	\$1,348,006,442	\$1,327,513,753
Total Plant	\$2,960,818,493	\$3,089,528,659	\$3,025,173,576
Expenses	Distribution		
Operating (2)	\$9,248,146 1.05%		
Maintenance (2)	\$15,512,871 1.77%		
Insurance (4)	\$7,135,157 0.24%		
Other Taxes (5)	\$14,983,221 0.50%		
(1) KU FORM 1 P. 206 & 207			
(2) KU FORM 1 P. 321 & 322 .			
(3) FERC FORM 1 PAGE 336			
(4) Accounts 924, 92501, 92502, 92	2503)		
	115 TOTAL OTHER TX		e e e e e e e e e e e e e e e e e e e

(5) KU FORM 1 P. 262 & 263 OR P. 115 TOTAL OTHER TX

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 90

- Q-90. Refer to page 59 of the Seelye Testimony. Starting at line 1, Mr. Seelye states that "the decision was made to use *actual* hourly system loads in the cost of service study rather than engaging is [sic] the complicated process of normalizing peak demands." Explain how this differs from the COSS in KU's most recent rate case.
- A-90. It does not differ. Actual hourly system loads were used in both the current cost of service study and in the cost of service study submitted in Case No. 2008-00251.

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 91

- Q-91. Refer to page 60 of the Seelye Testimony. Mr. Seelye states that allocation factors YECust05 and YECust06 were used to allocate meter reading, billing costs, and customer service expenses on the basis of a customer weighting factor based on discussions with LG&E's meter reading, billing, and customer service departments.
 - a. Did Mr. Seelye intend to refer to KU's meter reading, billing, and customer service departments rather than LG&E's?
 - b. Explain how these discussions were used to determine the allocation factors.
 - c. Provide examples of questions asked and how the answers were used to calculate the factors.
- A-91. a. Yes.
 - b. The weighting factors were developed in KU's last rate case and were not modified for the cost of service study filed in this proceeding. In developing these weighting factors, Mr. Seelye asked management personnel responsible for meter reading, billing and customer service functions to provide a set of weighting factors that based on their experience would be representative of the relative cost of performing these functions for customers served under each rate schedules.
 - c. Mr. Seelye asked the managers to provide a scaling factor for each rate schedule, with the residential class being equal to one, which could be used to scale up the cost of providing meter reading, billing and customer service for other classes. In other words, they were asked to provide an estimate of how much more would it cost to perform meter reading, billing and other customer service functions for a customer in non-residential rate classes as a multiple of the cost of providing these same services for a residential customer.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 92

- Q-92. Refer to Seelye Exhibit 3. Page 1 of this exhibit includes the month of May as a non-summer month. Likewise, in page 3, the month of May is not included in the summer months. However, Mr. Seelye states in his testimony at pages 15 and 16 that May has a summer load pattern. Explain why May is included in this exhibit as a non-summer month.
- A-92. Exhibit 3 reflected the *current* designation of May as a non-summer month, as set forth in the Company's time-of-day tariffs. As explained in response to Question 83, the load pattern for May is more representative of a summer pattern. It would have been appropriate to designate May as a summer month in Seelye Exhibit 3.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 93

Responding Witness: William Steven Seelye

Q-93. Refer to Seelye Exhibit 4.

- a. Explain how the estimated investment per units was determined.
- b. Explain how the levelized fixed charge of 17.52 percent was calculated.
- c. Explain how the operation and maintenance amounts were determined.
- A-93. a. The estimated investment per units was developed based on the current purchased cost of the lighting equipment plus the estimated cost of installing the fixtures.
 - b. The fixed charge rate is determined by calculating capital recovery factor that includes cost of capital, depreciation over a 26 year estimated life, income taxes, and property taxes.
 - c. The operation and maintenance amounts are based on the cost of one bulb, one photocell, a 2-man crew working for one hour, one time every six years.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 94

Responding Witness: William Steven Seelye

O-94. Refer to Seelye Exhibit 6.

- a. Refer to page 1 of 2. Reconcile the second column, Revenue Adjusted to as Billed Basis, with the revenues shown in the second column, Jurisdictional Electric, in Volume 3 of the application, Tab 42, page 1 of 8.
- b. Refer to page 2 of 2. Explain why Lighting Energy customers do not appear on this schedule.
- c. Refer to page 2 of 2. State where in this schedule, and in what USoA accounts, revenue from all riders is recorded.
- A-94. a. The reconciliation is as follows:

	Т	ab 42 page 1 of 8	Seelye Exhibit 6
Total Jurisdictional Revenue	\$	1,221,660,615	\$ 1,180,514,549
Less:			
Sales for Resale		(41,533,932)	
Unbilled Revenue		(3,744,529)	
Accrued Revenue		283,654	
Wheeling		(7,078,857)	
Miso Schedule 10		1,064,694	
Billing Adjustments		(665,109)	
Redundant Capacity		(17,786)	
Addition: Franchise Fees			(10,101,216)
Addition: HEA			(445,554)
Muni Interest Included in			
Exhibit 6			(887)
Unreconciled		(1,858)	
Total - Reconciliation	\$	1,169,966,892	\$ 1,169,966,892

b. KU has no Lighting Energy customers.

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	Riders	Exhibit 6	USoA	
	Curtailable Service Rider	Curtailable Service Rider	Commercial and Industrial Sales (442)	
	Net Metering Service	Residential Rate General Service Rate	Residential Sales (440) Other Sales to Public Authorities (445)	
	Redundant Capacity	Power Service - Primary	Other Sales to Public Authorities (445)	
	Kilowatt-Hours Consumed By Lighting Unit	Street Lighting	Residential Sales (440) Commercial and Industrial Sales (442) <u>Public Street and Highway Lighting (444)</u> Other Sales to Public Authorities (445)	
	Green Energy	Other Miscellaneous Electric Revenue	Other Electric Revenue (456)	

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 95

Responding Witness: William Steven Seelye

Q-95. Refer to Seelye Exhibit 7.

- a. Provide an explanation for the revenues attributed to "Minimum Energy" and the calculations used to derive the current and proposed dollar amounts for each customer class.
- b. Refer to pages 12-14, the lighting schedules. It appears that most of the lighting rates are increasing by approximately 10.7 percent. For each lighting rate that is increasing by more than 11 percent, provide the reason for the larger increase.
- c. Refer to page 14 of 14. Identify the special contract lighting customers and state whether they were given notice of the proposed increase.
- A-95. a. "Minimum Energy" is a term used to refer to aggregated kWh and revenues from outof-period adjustments and part-month bills. It also includes the difference between actual kWh sales revenues and regenerated revenues. Therefore the "Minimum Energy" kWh are actual but the associated current "Minimum Energy" revenues are determined by the difference in actual current total revenues and regenerated total current revenues. Proposed "Minimum Energy" revenues are calculated using a ratio of current demand and energy revenues to proposed demand and energy revenues. These calculations are performed on Seelye Exhibit 7.
 - b. For the Commercial and Industrial Metal Halide lights (Seelye Exhibit 7, p. 14) and for the HPS Contemporary Decorative lights (Seelye Exhibit 7, p. 16) it was discovered that the rates improperly excluded the cost of a metal or wood pole; therefore, the rates were increased to partially reflect the carrying costs of either a metal, wood or decorative pole, as applicable.

The charge for the following Street Lighting rates were set equal to the corresponding charges for the Private Outdoor Lighting rates:

50000 HPS Standard (Seelye Exhibit 7, p. 12) 4000 HPS Decorative Acorn (Seelye Exhibit 7, p. 13) 5800 HPS Decorative Acorn (Seelye Exhibit 7, p. 13) 5800 HPS Historical Acorn (Seelye Exhibit 7, p. 13) 9500 HPS Decorative Acorn (Seelye Exhibit 7, p. 13) 5800 HPS Coach Decorative (Seelye Exhibit 7, p. 13) 9500 HPS Coach Decorative (Seelye Exhibit 7, p. 13)

c. KU is not proposing an increase in the rates for Special Lighting. Seelye Exhibit 7 does not represent the Company's proposal with respect to these lights. No notice was provided since KU did not propose a change to these rates.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 96

Responding Witness: William Steven Seelye

Q-96. Refer to Seelye Exhibit 8.

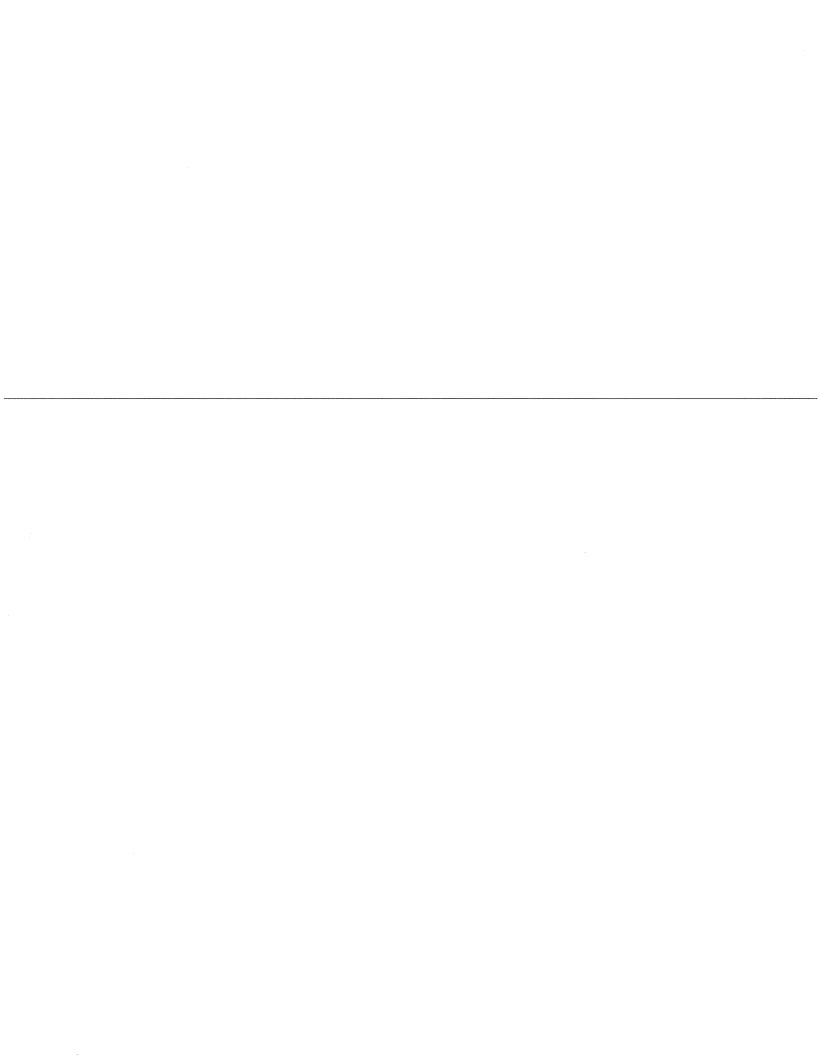
- a. Refer to page 1 of 3. State whether the installed costs shown on this schedule are gross or net investment costs. If gross costs, explain why net costs were not used.
- b. Refer to page 2 of 3. A rate of return of 8.32 percent was used in the calculation. Explain whether KU intends to update the charges if a different cost of capital is approved.
- A-96. a. The installed costs represent gross investment costs. For this reason, a levelized (as opposed to a non-levelized charge) was utilized to calculate monthly carrying costs. When gross plant is utilized in a fixed carrying charge calculation, it is appropriate to use a levelized carrying charge; but when net plant is utilized, then it is appropriate to use a non-levelized carrying charge.
 - b. It would be appropriate to update the carrying charge rate if a different cost of capital is approved.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 97

- Q-97. Refer to Seelye Exhibit 16. Explain why column 2, Number of Customers Served at October 31, 2009, does not reconcile with KU's response to Staff's First Request, Item 48, page 2 of 2, the first row of customer numbers.
- A-97. The Company's response to Staff's First Request, Item 48, Page 2 of 2 indicates the average number of customers. Seelye Exhibit 16 column 2 indicates the 10/31/09 number of customers. For the SL and POL rates Seelye Exhibit 16, column 2, indicates the number of lights (not customers). For the other rates this exhibit reflects the fact that some customers are served at multiple rates and therefore are counted more than once.



CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 98

Responding Witness: William Steven Seelye

Q-98. Seelye Exhibit 17 provides the application of the modified Base Intermediate and Peak methodology which is based on combined system results for KU and LG&E. Provide the information presented in Seelye Exhibit 17 for the KU and LG&E systems individually.

A-98. See attached.

Kentucky Utilities Company

Assignment of Production and Transmission Demand-Related Costs Based on the 12 Months Ended October 31, 2009

Combined System Demands

Minimum System Demand	1,415
Winter System Peak Demand	4,640
Summer System Peak Demand	3,888

Assignment of Production and Transmission Demand-Related Costs to the Costing Periods

Non-Time-Differentiated Capacity Costs

1. Minimum System Demand	1,415	
2. Maximum System Demand	6,555	
3. Non-Time-Differentiated Capacity Factor (Line 1/Line 2)	0.2159	
4. Non-Time-Differentiated Cost (Line 3)		21.59%
Summer Peak Period Costs		
5. Maximum Summer System Demand	3,888	
6. Intermediate Peak Period Capacity Factor (Line 5/Line2 - Line 3)	0.3773	
7. Winter Peak Period Hours	2,416	
8. Summer Peak Period Hours	1,308	<i>'</i>
9. Total Summer and Winter Peak Period Hours (Line 7 + Line 8)	3,724	
10. Summer Peak Period Costs (Line 7/Line 9 x Line 6)		13.25%
Winter Peak Period Costs		
11. Peak Capacity Factor (1.0000 - Line 3 - Line 6)	0.4069	

12. Winter Peak Period Costs (Line 11 + Line 8/Line 9 x Line 6) 65.16%

Louisville Gas and Electric Company

Assignment of Production and Transmission Demand-Related Costs Based on the 12 Months Ended October 31, 2009

Minimum System Demand	860
Winter System Peak Demand	1,923
Summer System Peak Demand	2,524

Assignment of Production and Transmission Demand-Related Costs to the Costing Periods

Non-Time-Differentiated Capacity Costs

1. Minimum System Demand	860	
2. Maximum System Demand	2,524	
3. Non-Time-Differentiated Capacity Factor (Line 1/Line 2)	0.3407	
4. Non-Time-Differentiated Cost (Line 3)		34.07%
Winter Peak Period Costs		
5. Maximum Winter System Demand	1,923	
6. Intermediate Peak Period Capacity Factor (Line 5/Line2 - Line 3)	0.4212	
7. Winter Peak Period Hours	2,416	
8. Summer Peak Period Hours	1,308	
9. Total Summer and Winter Peak Period Hours (Line 7 + Line 8)	3,724	
10. Winter Peak Period Costs (Line 7/Line 9 x Line 6)		27.32%
Summer Peak Period Costs		
11. Peak Capacity Factor (1.0000 - Line 3 - Line 6)	0.2381	
12. Summer Peak Period Costs (Line 11 + Line 8/Line 9 x Line 6)		38.60%

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 99

Responding Witness: William Steven Seelye

Q-99. Refer to Seelye Exhibit 17.

- a. Explain how the minimum system demand figure was calculated or whether it is simply the low point on the system load curve.
- b. Explain how the winter and summer peak hours are calculated.
- A-99. a. It is the minimum value on the system load curve for the test year.
 - b. For the BIP calculation, the peak hours were calculated by counting the number of winter and summer peak hours during the test year, with the summer peak hours spanning the period from 10 A.M. to 10 P.M and the winter peak hours spanning the period from 6 A.M. to 10 P. M. each weekday.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 100

Responding Witness: William Steven Seelye

Q-100. Refer to Seelye Exhibit 18.

- a. Refer to page 1 of 33. Explain how allocator Nos. 1, 4, and 7 were determined.
- b. Refer to page 14 of 33.
 - (1) Refer to line 20, column 2. Explain how the \$1,154,156,041 was calculated.
 - (2) Refer to line 32. The Return amounts are the same on this page as on page 13. Explain why the returns would be the same given that the Operating Revenues are different on pages 13 and 14 of 33.
- c. Refer to page 15 of 33, line 19. Explain the item labeled as "Virginia Property-500 KV Line" and explain why 91 percent is being allocated to the Kentucky jurisdiction.
- d. Refer to page 28 of 33, line 1. Explain why the Total Kentucky Utilities Rate Base of \$3,642,431,747 differs from the same column on page 13, which shows \$3,565,967,405.
- A-100. a. The demand allocator is the ratio of each jurisdiction's 12-CP to the total company (combined system) 12-CP. 12-CP is the average of the monthly peaks in each jurisdiction, coincident to KU's monthly peaks.
 - b. (1) The Revenue amount on Line 20, column 2 should be \$1,221,660,614.
 - (2) The returns are the same because the operating revenues used to calculate both returns are \$1,221,660,614, which is the correct revenue amount.
 - c. Prior to the merger of Old Dominion Power Company ("ODP") and Kentucky Utilities Company ("KU") in December 1991 Virginia and Kentucky property was separately identified according to official property account records for each Company. Following the merger this separation continued principally due to

property tax determination and to permit appropriate jurisdictional rate development. Several years prior to the merger, the ODP service area, which is at the southeastern edge of KU's transmission grid, required additional transmission support due to increasing load requirements. Similarly KU's southeastern system was experiencing load growth such as to require additional system support. The engineering solution to this matter was to route a 500 KV transmission line connecting KU's system in Kentucky with TVA at Phipps Bend in Tennessee – through Virginia to facilitate the establishment of a 500/161 KV substation addition at ODP's Pocket station. A 500/345 KV substation addition was constructed at the Pineville station in Kentucky. The line was built beginning in 1979 and completed and energized in March 1982.

The 500 KV line provided the support KU needed in its southeastern Kentucky service area via the Pineville substation and to ODP's service area via the 500/161 KV transformer at Pocket. In order to recognize the benefit to KU of the 500 KV line accounted for on ODP's official property records, a lease agreement was consummated pursuant to which KU made annual transmission rental payments to ODP. In the Commission's Order issued March 18, 1983 and Order on Rehearing issued August 11, 1983 in Case No. 8624, the Commission approved the ODP transmission line rental expense in Kentucky rates. The lease agreement was based on a sharing of costs and benefits resulting from the construction of the 500 KV line, the interconnection with TVA, and related substations at Pineville in Kentucky and Pocket in Virginia. The cost sharing utilized system demands in a manner similar to the utilization of the 12-CP allocator in the jurisdictional separation study. At that time and continuing up to the 1991 merger, ODP's benefit from the 500 KV line was recognized through its cost responsibility at the Pocket 500/161 KV substation as a result of the cost sharing. Therefore, Virginia customers were not assigned the cost responsibility of the 500 KV line in jurisdictional cost of service studies which would have doubly accounted for this transmission rental arrangement. After the merger the lease agreement was no longer in effect and in the jurisdictional separation studies the 500 KV line investment was directly assigned to Kentucky to effectuate similar cost responsibility pre and post merger. The assignment of the Virginia 500 KV line to Kentucky has been included in all jurisdictional separation studies since 1991. As a result of the jurisdictional separation study filed in this case, 91% of the 500 KV line is allocated to the Kentucky jurisdiction based upon the 12-CP demand allocator excluding Virginia.

d. The Total Kentucky Utilities Rate Base on page 28 of 33, line 1 of 3,642,431,747 differs from the same column on page 13, which shows 3,565,967,405 because the amount on page 28 is the arithmetic summation of each Jurisdiction (columns 2 – 8) rate base. The 3,565,967,405 amount on page 13 reflects the calculation of rate base (Net Plant plus Total Additions less Total Deductions) for the Total Kentucky Utilities (column 1) reflecting the various rate base treatments for each jurisdiction on a total company basis.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 101

Responding Witness: William Steven Seelye

- Q-101. Refer to Seelye Exhibit 19.
 - a. Refer to page 17 of 52. Explain the functional vectors P362, P365, P367, P373, P370, and P371.
 - b. Refer to pages 49-52. Explain and define the functional vectors PROFIX and PROVAR.
- A-101. a. In general, the column labeled "Functional Vector" refers to a vector used to functionally assign (or allocate) the amount shown under "Total System". The vector used as an allocator can be located by finding the Functional Vector in the column labeled "Name".

In the case of expenses for Account 581 - Load Dispatching, the Functional Vector P362 is used to assign test year expenses to the functional groups. P362 represents total plant in service accounts 360-362 and can be found on page 1 of Seelye Exhibit 23. This means that Expense Account 581 - Load Dispatching is functionally assigned on the same basis as Plant Accounts 360-362.

P365 refers to Plant Accounts 364 and 365. P367 refers to Plant Accounts 366 and 367. P368 refers to Plant Account 368 - Transformers. P370 refers to Plant Account 370 - Meters. P373 refers to Plant Account 373 - Street Lighting. All of these plant vectors can be located on page 1 of Seelye Exhibit 23.

b. PROFIX is used to classify production operation and maintenance expenses as fixed (demand-related), and PROVAR is used to classify production operation and maintenance expenses as variable (energy). As in its prior cost of service studies, the Company classified production operation and maintenance expenses as fixed and variable using the FERC predominance methodology. Under the FERC predominance methodology, production operation and maintenance accounts that are predominantly fixed, i.e., expenses that the FERC has determined to be predominantly incurred independently of kilowatt hour levels of output are classified as demand-related. Production operation and maintenance accounts that are predominantly variable, i.e., expenses that the FERC has determined to vary

predominantly with output (kWh) are considered to be energy related. The predominance methodology has been accepted in FERC proceedings for approximately 30 years and is a standard methodology for classifying production operation and maintenance expenses. For example, see *Public Service Company of New Mexico* (1980) 10 FERC ¶ 63,020, *Illinois Power Company* (1980), 11 FERC ¶ 63,040, *Delmarva Power & Light Company* (1981) 17 FERC ¶ 63,044, and *Ohio Edison Company* (1983) 24 FERC ¶ 63,068.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 102

Responding Witness: William Steven Seelye

Q-102. Refer to Seelye Exhibit 20.

- a. Refer to page 23 of 40.
 - (1) Explain the allocation vectors UPT and NPT. Include in your response the calculation of the vectors or the location of the calculations in the application.
 - (2) Explain why it is appropriate to allocate any of the line item Sales Tax Collection Fees-KY to the residential class.
- b. Refer to page 29 of 40. Explain the allocation vectors REVUC, RBT, and OMT. Include in your response the calculation of the vectors or the location of the calculations in the application.
- c. Refer to page 33 of 40. Explain the allocation vector MISCA. Include in your response the calculation of the vector or the location of the calculation in the application.
- d. Refer to page 35 of 40.
 - (1) Provide the workpapers supporting the Customer Allocation Factors C02 and C03.
 - (2) For the Plant Customer Allocators which are based on year-end customer information, explain if the Total System column can be calculated from information contained in Seelye Exhibit 16, page 1 of 2, column 2, Number of Customers Served at October 31, 2009. If so, provide the calculation. If no, explain why they cannot be calculated using Exhibit 16.
- A-102. a. (1) NPT refers to net other taxes, which is also labeled PTT in the cost of service study. The values for NPT (or PTT) are calculated in the last row shown on pages 15-17 of Seelye Exhibit 20. UPT refers to Net Utility Plant and the values for UPT are shown on pages 3-5 of Seelye Exhibit 20.

- (2) None of this line item should have been allocated to the residential rate schedule.
- b, REVUC refers to Sales to Ultimate Consumers and can found on page 23 of Seelye Exhibit 20. RBT refers to total Net Cost Rate Base and can be found on page 5 of Seelye Exhibit 20. OMT refers to total Operation and Maintenance Expenses and can be found on page 7 of Seelye Exhibit 20.
- c. MISCA refers to Miscellaneous Service Revenue and can be found on page 39 of Seelye Exhibit 20.
- d. (1) See attached.
 - (2) The year-end customers for RS, GS, AES, FLS and Street Lighting correspond to the customer counts shown on Seelye Exhibit 16; the year-end customer counts in the cost of service study for PS, TOD and RTS should have corresponded to those shown in Exhibit 16.

Kentucky Utilities Company Determination of Meter Allocation

	Cost per Mater	Year-End Customers	Total Meter Cost	Allocation Factor
Residential - Rate RS \$		420,100 \$	38	0.642049
General Service - Secondary	214.25	79,637	17,062,391.04	0.282516
All Electric Schools	422.06	292	123,241.90	0.002041
Power Service -Secondary	507.15	8,224	4,170,818.11	0.069060
Power Service - Primary	486.84	415	202,038.59	0.003345
TOD - Secondary	288.90	49	14,155.88	0.000234
TOD - Primary	486.30	64	31,123.30	0.000515
RTS	438.93	32	14,045.67	0.000233
Fluctuating Load Service	442.00	1	442.00	0.000007
Street Lighting	1	167,384	F	0.00000
Total		676,198 \$	60,394,393.35	1.000000

Attachment to KU KPSC-2 Question No. 102 Page 1 of 2 Seelye

Attachment to KU KPSC-2 Question No. 102 Page 2 of 2 Seelye

Kentucky Utilities Company Determination of Services Allocation

Data Clace	Cost per Service	Year End Customers	Total Cost	Allocation Factor	
rate Class Residential - Rate RS	109.21	420,100 \$	45,879,905	0.826448	148
General Service - Secondary	108.67	79,637	8,653,850	0.156667	67
All Electric Schools	1,669.10	292	487,376	0.000574	574
Power Service - Secondary	2,796.82	8,224	23,001,011	0.016179	179
Power Service - Primary	,	415			
Time of Day - Secondary	162.43	49	7,959	0.000132	132
Time of Day - Primary	,	64	,		
Retail Transmission Service	•	32	·		,
Fluctuating Load Service		-			
		167,384	•		
Street Ligning		676,198 \$	5 78,030,102	1.000000	000

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 103

Responding Witness: William Steven Seelye

Q-103. Refer to Seelye Exhibit 21.

- a. Refer to page 1 of 4. The zero-intercept analysis of overhead conductors results in a percentage classified as customer-related and demand-related of 54.45 and 45.55 percent, respectively. This differs significantly from KU's most recent rate case, in which the intercept analysis of overhead conductors resulted in percentages classified as customer-related and demand-related of 78.92 and 21.08 percent, respectively. Provide the reason for a difference of this magnitude from one rate case to the next.
- b. Refer to page 4 of 4. Explain how the results of the zero-intercept calculations are being split between the Distribution Primary and Distribution Secondary Lines.
- A-103. a. In the last study, the zero-intercept analysis was based on reconstructed estimates of billing records from continuing property records from the 1990s. For this cost of service study, a sample was drawn from property record costs to construct a current estimate. Mr. Seelye believes that the results in this proceeding are more representative of the customer/demand percentages that are normally seen in the industry.
 - b. Overhead conductor costs are split between primary and secondary on the basis of 75.76 percent as primary and 24.24 percent as secondary. These percentages are from an engineering study that was performed in 2003.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 104

Responding Witness: William Steven Seelye

Q-104. Refer to Seelye Exhibit 22.

- a. The zero-intercept analysis of underground conductors results in a percentage classified as customer-related and demand-related of 30.81 and 69.19 percent, respectively. This differs significantly from KU's most recent rate case, in which the intercept analysis of underground conductors resulted in percentages classified as customer-related and demand-related of 72.14 and 27.86 percent, respectively. Provide the reason for a difference of this magnitude from one rate case to the next.
- b. Refer to page 4 of 4. Explain how the results of the zero-intercept calculations are being split between the Distribution Primary and Distribution Secondary Lines.
- A-104. a. In the last study, the zero-intercept analysis was based on reconstructed estimates of billing records from continuing property records from the 1990s. For this cost of service study, a sample was drawn from property record costs to construct a current estimate. Mr. Seelye believes that the results in this proceeding are more representative of the customer/demand percentages that are normally seen in the industry.
 - b. Underground conductor costs are split between primary and secondary on the basis of 99.22 percent as primary and 0.78 percent as secondary. These percentages are from an engineering study that was performed in 2003.

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 105

Responding Witness: Shannon L. Charnas

- Q-105. Refer to KU's Response to Item 12 of Staff's First Request, which shows that the test year income statement includes Accretion Expense of \$1,803,921.
 - a. Provide the workpapers showing the derivation of the accretion expense along with a narrative description of the derivation.
 - b. Provide the portion of the \$1,803,921 that is related to the accrual of Asset Retirement Obligations ("ARO").
 - c. Explain why accretion expense related to AROs should be part of KU's revenue requirement. Specifically, address the reasonableness of such recovery given that the estimated removal costs associated with all assets, including the assets upon which AROs are accrued, are a component of KU's depreciation expense.
 - d. Provide the journal entries originally made to adopt FASB 143.
 - e. Provide the test year journal entries related to FASB 143.
- A-105. a. The calculation of accretion expense is performed in an automated fashion within the PowerPlant Fixed Asset System. Accretion expense is calculated by taking the beginning ARO liability balance multiplied by the discount rate for each ARO.
 - b. All accretion expense is related to the accrual of Asset Retirement Obligations.
 - c. Accretion and depreciation expense related to AROs are both income statement neutral as they are offset by income statement regulatory credits and reclassified to a regulatory asset on the balance sheet. Therefore, there is no impact on KU's revenue requirement.
 - d. See response to PSC-1 Question No. 54(b).
 - e. See attached.

Kentucky Utilities Company Journal Entries related to FASB 143 Test Year November 2008 - October 2009 (\$000's)

DESCRIPTION	D	EBIT	CI	REDIT
Monthly Depreciation and Accretion	.			
Depreciation Expense-Acct 403 (Parent- Cost of Removal) Regulatory Liability-Acct 254 Depr expense for net cost of removal on parent assets.	\$	243	\$	243
Depreciation Expense-Acct 403 (Child) Accumulated Depreciation-Acct 108 Depr expense on child assets.	\$	300	\$	300
Accretion Expense-Acct 411 ARO Liability-Acct 230 Record accretion expense on ARO liability.	\$	2,087	\$	2,087
Regulatory Asset-Acct 182 Regulatory Credit-Acct 407 To reverse child depr/accretion to regulatory asset (Income statement n	\$ eutral).	2,386	\$	2,386
Cash Payments				
Accumulated Depreciation-RWIP-Acct 108 Cash-Acct 131 Cash payments for cost of removal.	\$	533	\$	533
ARO Settlement Activity				
ARO Liability-Acct 230 Regulatory Asset-Acct 182 Reversal of ARO liability for settlement of obligations.	\$	307	\$	307
Accumulated Depreciation-Acct 108 (Cost of Removal) Accumulated Depreciation-RWIP-Acct 108 Application of cost of removal cash against reserves.	\$	307	\$	307
ARO Asset Accumulated Depreciation-Acct 108 Plant in Service-Acct 101 (ARO child cost) Retirement of ARO child assets for liabilities settled.	\$	4	\$	4

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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 106

Responding Witness: Robert M. Conroy/Shannon L. Charnas

Q-106. The Fuel Adjustment Clause accounts shown below were taken from KU's response to Staff's First Request, Item 13, pages 2-3. Reconcile the Kentucky Jurisdictional total for these accounts of \$38,513,734 to revenues shown in KU's proposed adjustment in the amount of \$49,848,679 as shown in Volume 4 of 5 of KU's Application at Exhibit 1, page 1, Adjustment 1.03 of the Rives Testimony. Include in your response an explanation of how the allocators were calculated.

		T I	Kentucky
Account	Total Co.	Allocator	Jurisdictional
440104 Residential FAC	15,320,961	94.211%	14,433,996
442104 Small Comm. FAC	1,733,376	96.107%	1,665,895
442204 Large Comm. FAC	8,023,722	96.107%	7,711,355
442304 Industrial FAC	10,263,636	96.396%	9,893,777
442604 Mine Power FAC	1,512,434	96.396%	1,457,933
444104 Street Ltg. FAC	121,905	97.356%	118,682
445104 Public Auth. FAC	3,241,389	94.973%	3,078,437
445304 Muni. Pumping FAC	161,794	94.973%	153,660
Total	40,379,216		38,513,734

A-106. Composite allocators for each account 440 through 447 were used to allocate the subaccount amounts of each account 440 through 447 in the Item 13 response. The FAC accounts should be 100% Kentucky Jurisdictional. The Kentucky Jurisdictional total for these subaccounts is \$40,379,216. Amounts reflected in Adjustment 1.03 are actual Kentucky jurisdictional amounts per Fuel Adjustment Clause filings with the KPSC and are not the result of allocations.

Reconciliation of the Kentucky Jurisdictional total for these accounts of \$40,379,216 to KU's proposed adjustment in the amount of \$49,848,679 as shown in Exhibit 1, page 1, Adjustment 1.03 of the Rives Testimony:

Jurisdictional FAC billed	\$ 49,848,679 ¹
Net FAC related to unbilled, partially offset by the	
regulatory lag and the under-recovered FAC ¹	(9,469,463)
Kentucky Jurisdictional Total	\$ 40,379,216

¹ In preparing the response to this data request, KU determined that the over/under recovery calculation contained on Page 5 of 6 in the August expense month FAC filing was incorrect. KU will supplement this response and revised reference schedules, as necessary, in the normal course of providing updates throughout this proceeding.

CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 107

Responding Witness: Valerie L. Scott

Q-107. Refer to the response to Item 13 of Staff's First Request.

- a. Provide a schedule listing all accounts as shown in the response to which salaries and payroll overheads were reported for KU during the test year. State the amount of salaries and each individual payroll overhead charged to each account separately.
- b. Provide a schedule listing all accounts as shown in the response to which salaries and payroll overheads were reported by KU for service provided by Servco employees during the test year. State the amount of salaries and each individual payroll overhead charged to each account separately.
- c. Provide a schedule listing all accounts as shown in the response to which salaries and payroll overheads were reported by KU for services provide by the executive employees listed at Item 46 of KU's response to Staff's First Request. State the amount of salaries, other compensation and each individual payroll overhead charged to each account separately.
- d. Provide a schedule listing all accounts shown in the response to which salaries and payroll overheads were reported by KU for services provided by LG&E employees during the test year. State the amount of salaries and each individual payroll overhead charged to each account separately.
- e. Provide a schedule listing all accounts as shown in the response to which any salaries, other compensation and payroll overheads were reported during the test year that are not captured in the responses to (a), (b), (c), and (d). State the amount of salaries, other compensation and each individual payroll overhead charged to each account separately. Provide an employer name for all employees included in this response.
- A-107. Labor costs related to the 2009 winter storm were reclassified from O&M expense accounts to a regulatory asset account per KPSC Order No. 2009-00174. Reclassifications were prepared at a summary level, so data is not available to provide reclassified amounts by salary and payroll overhead type for each general ledger account and each of the categories listed in parts a, b and d above. As such, the

reclassification is not reflected in the responses to parts a, b and d. See the following table for a summary of the total salary and payroll overhead amounts that were reclassified for KU.

		Reclassification
	Account	<u>Amount</u>
	182320	4,545,765
	571100	(9,495)
	580100	(655,975)
	583001	(477,575)
	590100	(117,424)
	593001	(8,153)
	593002	(2,896,805)
	593003	(184,379)
	593004	(105,453)
	594002	(6,877)
£	595100	(81,695)
	598100	(1,934)

- a. See attached for salary and payroll overheads reported for KU employees.
- b. See attached.
- c. Expenses related to salary, other compensation and payroll overheads are not recorded in the Company's general ledger by individual employee or type of employee. Executive employee salary, other compensation and payroll overheads are intermingled with other exempt employee salary, other compensation and payroll overheads and are included in the response to part (b), as executive employees are all Servco employees.
- d. See attached.
- e. See attached for KU labor and payroll overheads charged to LG&E. In addition, \$160,274 of labor was charged to other entities.

	147 185 23	18 39 76	900 111 111	24 16	185 921 107	87 08 08	96 48 84 84 84 84 84 84 84 84 84 84 84 84	16 33	13 85 85	03 33	91 99 72	23 83 54	21 23	5 2 9	28	1588	5 1 8 9 1 8 9	2225	66	
(22)	Total \$ 26,159,947 2,090,885 52,423	80,118 2,518,539 8,976 884 910	752,9 3,086,1 6,40	22,624 22,624 3,951,801 48,116	5,92, 101	1,000 26,787 608	2,024 1,494 64,848 2,564	1,649,2	2,157,8 5,661,6 1,174,6	724,1 174,0 4,861,8	23,49 871,19 4,717,57	1,141,0 537,4 327,7	590,3 3,895,8 148,8	38,371 1,733,154 175,716	3,6,2	85,801 61,856	146,3 76,0 76,0	281,127 112,372	214.27	07(a) 1 of 3 Scott
(21)	Workers' Comp \$ 82,267 6,712 169	- 9,113 34	(813) 2 10,272	2			`	•								•••				n No. 107(a) Page 1 of 3 Scott
(20)	Vacation \$1,119,051 68,587 1,585		- 12 145,326	<u> </u>			, F	125,784 106	136,303 361,447 74,050	50,024 11,193 313,224	1,801 56,391 338,804	84,251 32,569 21,386	37,378 226,594 10,483	2,770 97,731 12,690	552 276 6 499	5,454 3,393	11,125 5,543 7,477	17,666 8,147	14,850 15,930	2 Questio
(6 <u>)</u>	Unemployment \$ 37,655 (2,869 71		4,399 4,260	22,624 - - 48,116	185 - 107	990'i	1,494 1,494	· · ·							• • •	•••				Attachment to Response to KU KPSC-2 Question No. 107(a) Page 1 of 3 Scott
(18)	Tuition										•••					•••				onse to
(17)	TIA \$1,076,775 97,035 2,400	6,590 99,310 344	- 14 120,315 3144	£ , , ,			 166	105,271 122	139,582 374,353 76,821	46,534 11,194 318,125	1,481 54,943 300,846	74,255 34,168 21,634	38,785 252,897 10,206	2,622 112,531 11,375	454 229 5 501	5,439 4,048	100 9,198 4,870 6 906	17,999 7,242	14,119 13,394	to Respo
(16)	Sick 462,889 \$ 29,296 742		- 6 60,238				νς, , , ,	51,609 50	58,111 146,227 30,700	20,963 4,729 129,023	754 25,119 141,432	32,928 14,344 8,552	15,116 97,886 3.691	972 42,025 5,130	233 120 2 704	2,385 1,411	d5 4,697 2,278 3,002	3,313 5,628 3,313	6,911 6,934	tachment
(3) 	Retirement Income 5 68,886 5 4,456 114	- 7,267 26	7,420 1 8,954	<u>.</u>				• • •									•••			At
(14)	Pension Ir Pansion 23,853 \$ 239,279 5,851		292,746 292,746 475,304 6.006	6 6 7 7 7 7			, , , [,]	n 1;												
(E)	Other Off Duty \$140,450 8,963 241	14,732 53	- - - - - - - - - - - - - - - - - - -	00.7				2 15,618 16	17,797 43,963 9,324	6,377 1,425 39,057	230 7,783 42,903	9,780 4,438 2.553	4,566 30,172 1.038	276 276 12,886 1.532	37	729 423	1,433 689	2,286 986	2,177 2,155	
(12)	Misc \$171,001 11,051 296		14,741 1 22,172	*	,						• • •		,							
£	al 369 732		148,070 21 225,809	, 			, , <i>,</i> ?	<u>n</u> 	,											
(0)	Disability 73,003 4,416 53		- 7,446 9,654 86	8			•					,							• • •	
<u>@</u>	Life LT \$ 78,405 \$ 4,763 88	- 8,350 29	7,464 10,267	Ξ			••••	- , .				,								
(8)	ay 249 870		- - 75,187	096					71,396 184,908 38,304	25,996 5,831 161,537	936 30,133 175,789	42,454 17,315 10,879	19,126 119,427 5,049	51,381 6.486	288	3,305 2,887 1,755	5,801 2,856	3,859 9,286 4,172	66 8,104 8,431	
E	A 664 805 776	7,500 112,797 393	- 108,061 15 136,591	3,951,801	- 5,921 -	- 26,787 -	- 64,848 184	<u></u> ,,					•••	,	• •					
9	FASB 106 \$1,450,937 88,584 2.149		- 82,482 15 185,534	9955.'Z			, , , ^ç	².,												
6	FASB 112 \$ 90,102 4,625 25		- 11,605 - - -	19 7								•••								
بۇ ھ	Dental 95,907 6,106 136		8,302 12,646	<u>191</u>			••••								• •					
ds by Accoun Employees to (3)	401(k) 580,924 \$ 36,129 893	- 60,894 217	60,977 7 75,572	8/6 				, .												
Kentucky Utilities Company Kentucky Utilities Company Salans No. 200048 Salans An Payroll Overheads by Account For Services Provided by KU Employees to KU (1) (2) (3) (4)	\$	65,578 1,222,412 4,254	- 177 1,478,203	40,062 - -			••••	2,133 1,286,247 1,564	1,734,624 4,550,708 945,486	574,209 139,656 3 900,867	18,289 696,830 3 717 798	97,386 897,386 434,649 262 718	475,350 3,168,827 118,386	1,416,600	5,630	67,936 68,907 50,826	2,083 114,058 59,782	85,075 226,262 88,512	1,683 181,598 167,430	
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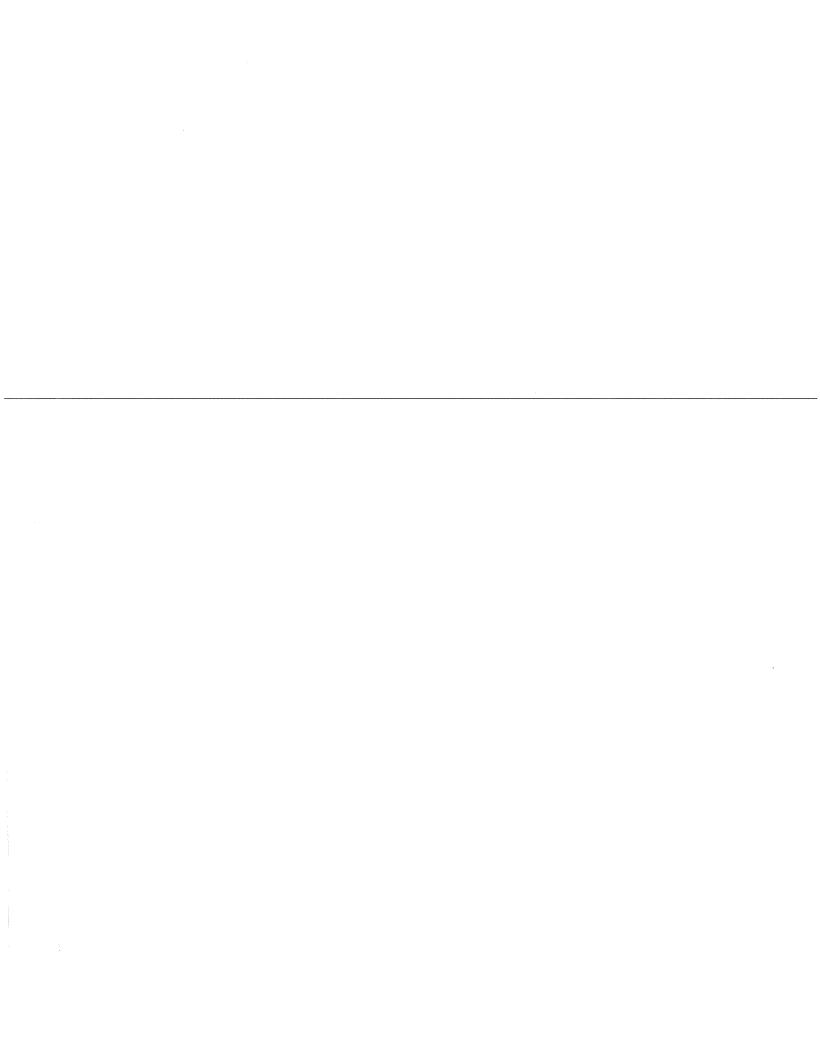
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Kentucky Utilities Company Case No. 2009-00548 Salaries and Payroll Overheads by Account For Services Provided by LG&E Employees to KU	Ð	Account 4 2000 1000 1000 1000 1000 1000 1000 10	

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ount /ees to KU (4)		Dental								• ·			0 \$ 12,260	
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	(19) (20) (21) Workers'	Unemployment Vacation Comp	- 14,	5 3,022 \$	Attachment to Response to KU PSC-2 Question No. 107(e) Page 2 of 2 Scott
	(11)		5.997 13,259	S	achment to Respons
	(15) (15) (15) (15)		•••	5 3,262 5 :	Att
		Pension		9	
	(13) Other Off	Duty	(11)	4 \$ 7,612	
		Misc -	- 339 - 1	505 \$ 7,22	
		Medi		\$	
	(10)	LT Disability 54 -	· · ·	136 \$ 4,204	
		Life	82	\$ 4,	
		I			
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	(9)	112 FASB 106		4,690 \$ 68,690	
	(5)	Dental FASB 112		5,015 \$ 4,	
Account oyees to LG&E	(3) (4)	401(k) De		28,163 \$	
Kentucky Utilities Company Case No. 2009-00548 Salarles and Payroli Overheads by Account For Services Provided by KU Employees to LG4E	(2)		- - 162 262	5 887,685 \$	
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CASE NO. 2009-00548

Response to Second Data Request of Commission Staff Dated March 1, 2010

Question No. 108

Responding Witness: Shannon L. Charnas

- Q-108. Refer to the response to Item 31 of Staff's First Request.
 - a. For the test year and the three previous calendar years, provide the annual expense reported by KU for contracted labor related to the following services. If possible, separate the amounts reported for each category by vendor name.
 - (1) Vegetation Management.
 - (2) Meter Reading.
 - (3) Maintenance Contracts.
 - (4) Temporary Clerical/Account Services.
 - (5) Temporary Legal.
 - b. Explain how KU selects the contractors providing the services listed in a. and how KU ensures that it is securing a competitive market-based cost.
- A-108. a. See attached. The Temporary Legal category includes all legal expenses. The Company is not able to segregate temporary from total legal expenses.
 - b. Contractors are selected as a result of a competitive bid process. This process includes:
 - Developing a well defined scope of work
 - Determining the timeframe over which this work will be performed
 - Identifying the qualified contractors capable of performing the work
 - Developing a Request For Quotation (RFQ) that includes all technical and commercial requirements and expectations. Pricing can be requested in a number of ways based on the scope of work, but will always include a comprehensive breakdown of the contractors overhead costs, not just hourly rates
 - Soliciting responses to that RFQ from the contractors identified above
 - Developing an evaluation criteria for analyzing the responses
 - Analyzing the responses consistent with the evaluation criteria

- Conducting follow-up meetings on all or a short list of the contractors providing responses to clarify the submittals and/or negotiate alternates to the original submittal
- Developing an award recommendation that is presented and approved to the appropriate level of management
- Award of the work to the recommended contractor(s)

To ensure we are getting the best pricing, we

- Do a comprehensive analysis of the contractors cost structure and negotiate out aspects we believe do not add value
- Attempt to lock in pricing for the term of the contract that we feel should remain firm
- Isolate those cost aspects that are more volatile and agree to routine reviews but offer no guarantee to change (i.e. Fuel)
- Offer no guarantee of work
- Reserve the right to competitively bid individual scopes of work
- Conduct routine performance review meetings with contractors performing key work

KENTUCKY UTILITIES CONTRACTED LABOR

SERVICE	Test Year	2008	2007	2006
Vegetation Management	14,459,681.88	13,574,839.22	13,906,685.64	12,454,879.42
Storm Damage	1,249,925.54	1,856,080.99	944,313.68	1,595,583.89
Meter Reading	5,282,084.36	5,421,520.73	5,382,080.11	5,550,057.39
Maintenance Contracts	17,815,105.34	16,547,928.22	13,194,900.83	7,191,370.59
Temporary Clerical/Accounting Services	1,461,573.11	1,860,755.45	1,176,638.21	1,199,480.05
Temporary Legal	3,763,225.34	8,663,937.95	4,901,509.25	3,585,448.88
. , ,	-,,	-,,-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	5,505,440.00
Total	44,031,595.57	47,925,062.56	39,506,127.72	31,576,820.22
Vegetation Management by Vendor				
ACRT Inc	0.00	0.00	650.56	76,928.72
Asplundh Tree Expert Co	1,902,037.57	1,820,532.48	3,400,470.12	2,852,847.05
Environmental Consultants Inc	0.00	0.00	115.00	880.00
Environmental Consultants Inc (Forestry)	188,483.45	260,808.52	206,419.50	149,740.83
Nelson Tree Service Inc	859,821.80	761,991.22	0.00	0.00
Phillips Tree Experts Inc	5,112,222.28	4,253,138.78	4,165,690.21	3,950,960.27
Townsend Tree Service Company Inc	3,805,919.81	4,540,415.04	4,665,043.21	4,416,560.68
Wright Tree Service Inc	2,591,196.97	1,937,953.18	1,468,297.04	1,006,961.87
Total Vegetation Management by Vendor	14,459,681.88	13,574,839.22	13,906,685.64	12,454,879.42
· · · · · · ·				
Storm Damage by Vendor	100.05			
A 1 Sanitary Rental LLC	490.25	0.00	0.00	0.00
A and M Oil Co	31,659.75	0.00	0.00	0.00
Abel Construction Company Inc	1,427.55	4,085.76	0.00	48,964.67
Aerotek Inc	5,882.45	0.00	0.00	0.00
Aetna Building Maintenance Inc	139.16	0.00	0.00	0.00
Alabama Power Company	509,784.84	0.00	0.00	0.00
Asplundh Construction Corp	455,365.15	0.00	0.00	0.00
Asplundh Tree Expert Co	1,512,597.20	171,475.36	0.00	0.00
B and B Electric Co Inc	0.00	0.00	34,687.99	72,614.99
Barts Lawn Service	0.00	3,121.20	0.00	0.00
Bowlin Energy LLC	525,914.54	0.00	0.00	0.00
Bowlin Group LLC	519.82	32,716.49	20,664.31	0.00
Bray Electric Services Inc	121,240.68	16,216.34	0.00	0.00
Brownstown Electric Supply Co Inc	0.00	0.00	0.00	3,354.74
C & S H Inc	3,485.99	1,562.13	0.00	000
C E Power Solutions LLC	45,500.55	0.00	0.00	0.00
C R Cable Construction Inc	6,712.50	11,542.10	0.00	0.00
Catering Cajun Inc	3,077,963.93	0.00	0.00	0.00
Chu Con Inc	17,005.44	5,232.01	15,309 95	42,432.81
City Lights Electrical Co Inc	367,983.34	0.00	0.00	0.00
Cleanharbors Environmental Services Companies	0.00	714.18	0.00	0.00
Cleco Power LLC	1,017,404_30	0.00	0.00	0.00
Colours 2000	13,070.00	0.00	0.00	0.00
Commercial Works	16,932.47	0.00	0.00	0.00
CW Wright Construction Co Inc	1,273,950.91	0.00	0.00	0.00
Davis H Elliot Company Inc	2,562,134.30	527,125.03	614,110.70	546,285.62
Delta Services LLC	7,950.93	0.00	0.00	0.00
Dillard Smith Construction Company	1,728,758.71	0.00	0.00	120.29
Dominion Virginia Power	300,361.08	0.00	0,00	0.00
Donnie Jones Lawn Care LLC	36,392.29	10,736.01	0.00	0.00
Dozit Company Inc	4,687.18	0.00	275.17	1,745 34
DTE Energy Company	457,828 14	0.00	0.00	0.00
Duquesne Light Co	176,642.48	0.00	0.00	0.00
E and R Inc	388,049.93	0.00	0.00	0.00
Early Environmental Contracting LLC	44,981.41	63,545.67	0 00	0.00
	0.00	0.00	120.00	57,474.45
Electric Service Co Ltd			0.00	
Electric Service Co Ltd Electric Technologies Inc	124,925.67	13,542.35	0.00	0.00
	124,925.67 5,732,366.44	13,542.35	0.00	0.00
Electric Technologies Inc		0.00		
Electric Technologies Inc Emergency Disaster Services	5,732,366 44		0.00	0.00

Attachment to Response to KU KPSC-2 Question No. 108 Page 2 of 6 Charnas

				Charna	S
Falco Electric Inc	268,501.47	6,306.83	0.00	0.00	
First Energy	264,994.80	0.00	0.00	0.00	
Fishel Co	0.00	0.00	2,076.46	21,829 65	
Gary Lynn Construction Co Inc	0.00	0.00	2,663.58	14,578.06	
Gaylor Inc	345,442.13	0.00	0.00	0.00	
Grady White Construction Inc	2,870.00	0.00	0.00	0.00	
Hall Contracting of Kentucky Inc Hamby Construction Inc	18,946.90 36,588.50	4,785.00	2,085.00	0.00	
Hendrix Electric Inc	154,423.99	5,410.70 64,894.05	14,349.65 22,397.60	3,718.00 102,256.39	
Henkels and Mccoy Inc	0.00	28,188.25	0.00	0.00	
lopkinsville Electric System	2,229.06	2,229.06	0.00	0.00	
Y Legner Associates Inc	2,155.20	0.00	0.00	0.00	
F Electric Inc	1,913,815.87	0.00	0.00	0.00	
PMorgan Chase Bank	13,231.43	2,819.00	0.00	0.00	
ust Engineering and Inspection Services	445,325.49	275,675.62	0.00	0.00	
(CPL	137,945.44	0.00	0.00	0.00	
Kentucky State Treasurer	34,600.38	16.40	0.00	0.00	
ee Electrical Construction Inc	1,165,204.79	0.00	0.00	0 00	
usk Group	21,150.00	0.00	0.00	0.00	
Aastec North America Inc	799,403.71	0.00	0.00	0.00	
Aichels Power	1,045,713.83	0.00	0.00	0.00	
Miller Construction Company Inc	0.00	28,706.56	0.00	0.00	
Ailler Pipelíne Corp	8,745.00	0.00	0.00	0.00	
MJ Electric LLC Moore Security LLC	2,963,412.51 0.00	0.00	0.00	0.00	
Muhlenberg County Fiscal Court	10,032.62	1,276.08 0.00	0.00 0.00	0.00	
Velson Tree Service Inc	1,471,694.02	150,887.29	0.00	0.00 0.00	
Off Duty Police Services Inc	105,514.92	1,962.75	0.00	0.00	
Dhio County Balefill Inc	20,056.87	11,505.90	0.00	0.00	
Dps Plus Inc	4,213.21	50,246.36	85,466.31	334,832.76	
Peach Properties	3,134.60	0.00	0.00	0 00	
ecco Inc	24,052.11	34,645.75	38,808.21	39,266.39	
hillips Tree Experts Inc	1,000,291.59	186,177.92	0.00	0.00	
Pike Electric Inc	5,146,891.77	229,466.00	13,961.78	11,555.73	
'S Energy Group Inc	572,690.45	0.00	0.00	0.00	
Quality Lines Inc	347,964.58	0.00	0_00	0.00	
and K Contracting LLC	24,269.72	0.00	0.00	0.00	
Reed Utilities Co	21,575.65	9,651.76	0.00	0.00	
Regulatory Asset - Windstorm	(765,435.75)	(1,298,319.90)	0.00	0.00	
Regulatory Asset - Winter Storm	(47,949,881.67)	0.00	0.00	0.00	
Ritchie Excavating	285.00	0.00 0.00	0.00	0 00	
River City Construction Inc	118,165.92		0.00	0.00	
Ruby Fayes Bar B Que Serco Inc	1,901.35 139,218.32	0.00 91,120.57	0.00 22,284.34	0.00 24,215.79	
Serco Management Services Inc	0.00	0.00	22,284.34	24,215.79 8,980.69	
Shane Floyd Electric	2,936.30	0.00	0.00	0.00	
olomon Corp	22,500.00	0.00	0.00	0.00	
Southern Company	720.49	0.00	0.00	0.00	
Southern Pipeline Const Co	0.00	0.00	0.00	10,879.00	
Sumter Utilities Inc	1,647,460.75	0.00	0.00	0.00	
Synergetic Design Inc	1,407,421 19	0.00	0.00	0.00	
Towels and More Solutions Inc	4,100.00	0.00	0.00	0.00	
Townsend Tree Service Company Inc	101000100	363,293.71	0.00	0.00	
ennene mee eennee eennpanj me	1,247,701.96	000,200,11			
TPM Inc	798,281.57	329,968.39	0.00	0.00	
IPM Inc Fransformer Decommissioning LCC	798,281.57 9,166.00	329,968.39 0.00	0.00	0.00 0.00	
IPM Inc Transformer Decommissioning LCC Tri County Waste Disposal Inc	798,281.57 9,166.00 2,181.45	329,968.39 0.00 0.00	0.00 0.00	0.00 0.00	
IPM Inc Fransformer Decommissioning LCC Fri County Waste Disposal Inc Fru Check Inc	798,281.57 9,166.00 2,181.45 335,868.96	329,968.39 0.00 0.00 110,171.07	0.00 0.00 0.00	0.00 0.00 0.00	
TPM Inc Transformer Decommissioning LCC Tri County Waste Disposal Inc Tru Check Inc US Ecology Nevada Inc	798,281.57 9,166.00 2,181.45 335,868.96 16,145.38	329,968.39 0.00 0.00 110,171.07 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	
TPM Inc Transformer Decommissioning LCC Tri County Waste Disposal Inc Tru Check Inc US Ecology Nevada Inc Utec Construction Inc	798,281.57 9,166.00 2,181.45 335,868.96 16,145.38 189,841.88	329,968 39 0.00 0.00 110,171 07 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	
TPM Inc Transformer Decommissioning LCC Tri County Waste Disposal Inc Tru Check Inc US Ecology Nevada Inc Utec Construction Inc Utility Lines Construction Services Inc	798,281.57 9,166.00 2,181.45 335,868.96 16,145.38 189,841.88 373,362.91	329,968 39 0.00 0.00 110,171 07 0.00 0.00 0.00	0 00 0 00 0 00 0 00 0 00 0 00	0.00 0.00 0.00 0.00 0.00 0.00	
TPM Inc Transformer Decommissioning LCC Tri County Waste Disposal Inc Tru Check Inc US Ecology Nevada Inc Utec Construction Inc Utility Lines Construction Services Inc Waste Management of Kentucky LLC	798,281.57 9,166.00 2,181.45 335,868.96 16,145.38 189,841.88 373,362.91 1,802.53	329,968 39 0.00 0.00 110,171.07 0.00 0.00 0.00 0.00 0.00	0 00 0 00 0 00 0 00 0 00 0 00 0 00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	
TPM Inc Transformer Decommissioning LCC Tri County Waste Disposal Inc Tru Check Inc US Ecology Nevada Inc Utec Construction Inc Utility Lines Construction Services Inc Waste Management of Kentucky LLC Westar Energy Inc	798,281.57 9,166.00 2,181.45 335,868.96 16,145.38 189,841.88 373,362.91 1,802.53 818,069.96	329,968 39 0.00 0.00 110,171.07 0.00 0.00 0.00 0.00 0.00 0.00	0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
TPM Inc Transformer Decommissioning LCC Tri County Waste Disposal Inc Tru Check Inc US Ecology Nevada Inc Utec Construction Inc Utility Lines Construction Services Inc Waste Management of Kentucky LLC Westar Energy Inc Wiglesworth, Ralph E	798,281.57 9,166.00 2,181.45 335,868.96 16,145.38 189,841.88 373,362.91 1,802.53 818,069.96 150.00	329,968 39 0.00 0.00 110,171.07 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
TPM Inc Transformer Decommissioning LCC Tri County Waste Disposal Inc Tru Check Inc US Ecology Nevada Inc Utec Construction Inc Utility Lines Construction Services Inc Waste Management of Kentucky LLC	798,281.57 9,166.00 2,181.45 335,868.96 16,145.38 189,841.88 373,362.91 1,802.53 818,069.96	329,968 39 0.00 0.00 110,171.07 0.00 0.00 0.00 0.00 0.00 0.00	0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	

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				Charnas	
Willis Lane Construction Co Inc	82,232.61	43,327.97	3,927.82	0.00	
Wolf Tree Inc	341,730.03	0.00	0.00	0.00	
Woods Brothers Excavating	425.00	425.00	0.00	0.00	
Wright Tree Service Inc	2,010,260.89	59,078.12	0.00	0.00	
Total Storm Damage by Vendor	1,249,925.54	1,856,080.99	944,313.68	1,595,583.89	
Meter Reading by Vendor	5 393 094 37	5 461 600 60			
Tru Check Inc	5,282,084.36	5,421,520.73	5,382,080.11	5,550,057.39	
Total Meter Reading by Vendor	5,282,084.36	5,421,520.73	5,382,080.11	5,550,057.39	
Maintenance Contracts by Vendor					
A and A Mechanical Inc	0.00	4,666.50	0.00	0.00	
A and D Constructors Inc	251,247.34	4,000.50	0.00	0.00	
A and T Industrial Services Inc	108,759.45	0.00	0.00	0.00	
Aastra USA Inc	0.00	1,449.18	0.00	0.00	
Aetna Building Maintenance Inc	243,421.89	173,475.83	196,914.47	182,221.85	
Alstom Power Air Preheater	2,865.59	0.00	0.00	0.00	
Alstom Power Inc	1,253,620.42	1,202,075.82	0.00	0.00	
Associated Railroad Contractors Inc	5,706.00	0.00	0.00	0.00	
Assured Asset Protection Inc	35,103.05	29,442.30	0.00	0.00	
Atlas Machine and Supply Inc	83,518.99	45,646.62	0.00	0.00	
Avaya Inc	112,426.66	117,357.21	63,773.53	56,227.41	
B and B Electric Co Inc	24,737.38	14,021.48	0.00		
Beacon Pointe Corp	0.00	41,652.20	2,905.18	0.00	
Bluegrass Plumbing and Heating	0.00	833.57	0.00	0.00	
Bowlin Energy LLC	6,919 76	0.00	0.00	0.00	
Bray Electric Services Inc	60,787.64	43,083.45	54,767.38	40,236.22	
C E Power Solutions LLC	135,117.26	145,341.79	130,723 79	0.00	
Charah Inc	24,973.90	0.00	0.00	0.00	
Chu Con Inc	50,981.10	37,157.18	0.00	0.00	
Conam Inspection and Engineering Services Inc	21,290.40	5,293.20	0.00	0.00	
Crane America Services Inc	24,932.00	15,946.50	0.00	0 00	
Data Processing Sciences Corp	54.91	0.00	125.48	0.00	
Davis H Elliot Company Inc	505,948.73	380,383.88	0.00	0.00	
Dll Solutions Inc	0.00	0.00	874.00	0.00	
Document Control Systems Inc	23,912.15	268 29	19,729.97	4,961.50	
Donnie Jones Lawn Care LLC	19,448.00	21,207.61	0.00	0.00	
Duncan Machinery Movers Inc	19,437.77	37,431.40	0.00	0.00	
Eco Electric LLC	660.41	0.00	0.00	0.00	
Edwards Moving and Rigging Inc	0.00	39,902.69	0.00	0.00	
Emerson Process Management Lllp	0.00	1,615.00	0.00	0.00	
Enspiria Solutions Inc	0.00	0.00	64,038.59	0.00	
Evans Construction Co Inc	3,359,711.41	3,300,589.66	3,353,572.90	2,796,225.00	
Falco Electric Inc	17,500.24	1,713.47	0.00	0.00	
Fishel Co	11,473.30	0.00	0.00	0.00	
Fuellgraf Chimney and Tower Inc	4,661.52	1,403.26	0.00	0.00	
G and G Utility Construction Inc	39,606 83	39,685.69	59,749.22	63,501.98	
GE Energy Management Services Inc	7,500.00	0.00	0.00	2,000.00	
Harshaw Trane Services	7,841.69	0.00	0.00	0 00	
Hussung Mechanical Contractors Inc Hydrochem Industrial Services Inc	52,568.30	28,376.40	0.00	0.00	
Hydrochem Industrial Services Inc	38,819.00	291,114.60	0.00	0 00	
Incorp Inc Information Intellect Inc	1,406,589.90 0.00	1,073,832.73 0.00	0.00	0.00	
International Cooling Tower USA Inc Et Al	60,848.66	32,848.97	2,160.00	0.00	
Invensys Systems Inc	44,213.95	10,408.58	0.00	0 00	
Itron Inc	44,213.95	0.00	0.00 1,775.74	0.00	
Ivey Mechanical LLC	52,665.76	31,695.17	0.00	2,002.42 0.00	
Larrys Heating and A C Service Inc	62,995.80	65,744.79	0.00	0.00	
Liebert Global Services	0.00	0.00	14,090.85	21,859.47	
Louisville Sealcoat Co Inc	5,970.00	5,970.00	0.00	0.00	
Marine Electric Co Inc	5,793.00	1,833.00	0.00	0.00	
	0.00	46,059.88	45,631.60	45,587.03	
			-2,021.00	40,001.00	
Matrix Integration LLC			7 586 872 05	1 814 200 76	
Matrix Integration LLC Mechanical Construction Services Inc	2,112,002.49	1,556,339.19	2,586,873.95 575 518 53	1,814,209.76	
Matrix Integration LLC			2,586,873_95 575,518-53 0.00	1,814,209.76 900.00 0.00	

MTM Technologies Inc				
with a feeline of the	4,067.90	0.00	0.00	0.00
Motorola	0.00	0.00	0.00	1,360.40
Murphy Elevator Co Inc	87,011.24	126,165.43	0.00	0.00
National Environmental Contracting Inc	1,085.78	497.30	0.00	0.00
Net IQ Corp	5,750.57	3,990.53	0.00	0.00
New Energy Associates LLC	•	•		
	0.00	0.00	0.00	8,643.79
Oracle Corp	0.00	0.00	0.00	1,269.20
Oracle Elevator Co	56,649.94	49,053.21	18,198.57	19,528.68
Oracle USA Inc	(3,181.50)	3,181.50	4,960.86	0.00
Overhead Door Co of Bowling Green	0.00	400.98	0.00	0.00
Overhead Door Co of Louisville	37,297.50	15,017.86	0.00	0.00
Payformance Corp	0.00	0.00	0.00	352.50
Perkins Scale Corp	32,138.23	5,710.46	0.00	0.00
Petrochem Insulation Inc	29,790.30	33,402.30	0.00	0.00
Pic Energy Services Inc	0.00	1,659,862.34	2,351,004.48	1,725,576.42
Pic Group Inc	2,488,292.07	836,759.16	0.00	0.00
Pike Electric Inc	778.39	2,837.13	0.00	0.00
Pole Maintenance Co LLC	0.00			
Power Equipment Maintenance Inc	0.00	(30,984.50)	0.00	0.00
Power Equipment Maintenance Inc Powerplan Consultants Inc		2,240.50	0.00	0.00
•	2,160.00	0.00	5,713.50	0 00
Precipitator Services Group Inc	625,725.68	724,219.54	0.00	0.00
Precision Services Inc	226,913.90	255,073.68	0.00	0.00
Pro Turf Inc	2,100.00	2,015.00		
Prosys Information Systems Inc	662.65	2,119.59	2,569 20	0.00
R and P Industrial Chimney Co Inc	78,681.00	60,967.00	0.00	0.00
R Houston and Son Sandblasting Specialists Inc	95,189.91	24,191.50	0.00	0.00
Radio Communications Systems	13,020.48	11,469.88	14,662.91	15,489.57
Ready Electric Co Inc	170,769.11	197,158.72	0.00	0.00
Real Resume Corporation	0.00	0.00	1,386.00	1,386.00
Reed Utilities	0.00	0.00	0.00	1,457.25
Reed Utilities Co	14,844.04	5,945.14	5,064.09	9,150.90
Reynolds Inc	79,049.91	77,804.94	0.00	0.00
Rotating Equipment Repair Inc	250,941.84		0.00	
Rus Sales		185,433.48		0.00
	11,155.61	6,537.40	10,858.32	10,984.62
Securitas Security Services USA Inc	78,758.94	0.00	0.00	0.00
Siemens Power Generation Inc	(215,416.49)	256,840.00	3,275,777.15	134,511.80
Software House International Inc	0.00	164.00	800.00	0.00
Southern Plumbing and Heating Inc	122.88	0.00	0.00	0.00
Sterling Commerce Inc	9,492.14	9,130.09	8,051.25	6,037.98
Storagetek	0.00	0.00	0.00	1,392.33
Sungard Avantgard LLC	117.50	0.00	0.00	0.00
Symantec Corp	13,378.93	58,559.17	0.00	51,442.17
Tei Services	5,327.45	5,241.09	0.00	0.00
Thyssenkrupp Elevator	58,215.75	33,209.00	0.00	0.00
Total Resource Management Inc	0.00	0.00	1,906.86	0.00
United Conveyor Corp (Services)				
• • •	0.00	7,839.95	0.00	. 0.00
United Scaffolding Inc	0.00	250,750.00	0.00	0.00
Veolia Environmental Services	636,692.80	430,133.10	0.00	0.00
Veramark Technologies Inc	1,174.58	0.00	0.00	3,355.13
Whayne Supply Co	93,121.80	83,540.43	0.00	0.00
Wilhod Inc	6,077.60	7,815.70	12,370.56	2,403.35
William E Groves Construction Inc	61,841.78	89,148.43	0.00	0.00
Youngblood Construction Inc	159,636.38	209,958.06	147,171.89	20,828.72
otal Maintenance Contracts by Vendor	17,815,105.34	16,547,928.22	13,194,900.83	7,191,370.59
emporary Clerical/Accounting Services by Vendor				
Accent Training LLC	0.00	0.00	0.00	283.33
6	2,207.67	0.00	3,462.72	0.00
Accountemps	2,207.07		•	
Accountemps		1,228.75	0.00	0.00
Accurater Inc		10 07	~ ~ ~ ~	
Accurater Inc Adecco Employment Services	33,434.97	48,974.55	0.00	0.00
Accurater Inc Adecco Employment Services Agilysys	33,434.97 0.00	476.74	0.00	0.00
Accurater Inc Adecco Employment Services Agilysys Ajilon Consulting Us	33,434.97 0.00 73,914.46	476.74 0.00	0.00 0.00	0.00 0.00
Accurater Inc Adecco Employment Services Agilysys Ajilon Consulting Us Ajilon LLC	33,434.97 0.00 73,914.46 0.00	476.74 0 00 0 00	0.00	0.00
Accurater Inc Adecco Employment Services Agilysys Ajilon Consulting Us	33,434.97 0.00 73,914.46	476.74 0.00	0.00 0.00	0.00 0.00
Accurater Inc Adecco Employment Services Agilysys Ajilon Consulting Us Ajilon LLC	33,434.97 0.00 73,914.46 0.00	476.74 0 00 0 00	0 00 0 00 0 00	0.00 0.00 23,797.00

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Cook Systems Intl Inc	25,431.04	45,937.92	0.00	0.00	
Four Sight Corporation	79,950.00	105,251.25	98,995.00	10,916.00	
Interactive Business Systems Inc	0.00	1,860.24	4,666.61	0.00	
Kelly Services Incorporated	14,751.64	13,487.09	55,973.36	107,686.86	
KForce Inc	63,145.57	169,162.32	132,720.89	111,178.98	
Lakeshore Staffing Group	0.00	0.00	0.00	8,062.74	
Manpower Inc	0.00	0.00	20,469.43	16,926.11	
Manpower Services	0.00	0.00	12,799.52	22,162.83	
Ness Global Services Inc	0.00	0.00	0.00	10,244.22	
Other Practical Solutions	400.00	40.00	67,309.76	10,040.00	
Remedy Intelligent Staffing	302,046.56	518,679.46	162,998.75	0.00	
Robert Half Management Resources	301,801.07 54,385.35	213,571.22	193,858.03	294,910.46	
Surrex Solutions Corp	21,781.37	57,182.84 54,436.44	21,796.34	0.00	
Talis Group Inc	0.00	3,968.93	1,212.96 0.00	0.00 0.00	
Think Resources Inc	23,766.58	41,155.98	0.00	0.00	
Todays Office Professionals	337,348.42	193,938.08	293,042.69	391,476.78	
Todays Staffing Inc	0.00	139,806.90	0.00	0.00	
Total Temporary Clerical/Accounting Services by Vendor	1,461,573.11	1,860,755.45	1,176,638.21	1,199,480.05	
			.,	1,177,100.05	
Legal by Vendor					
Baker Botts LLP	499,171.74	1,545,872.53	289,904.27	34,131.48	
Barnes and Thornburg LLP	0.00	1,451.75	0.00	0.00	
Barnett Benvenuti and Butler PLLC	5,170.00	0.00	0.00	0.00	
Boehl Stopher and Graves LLP	121,727.84	72,864.47	60,946.93	152,364.99	
Bracewell and Giuliani LLP	212.50	0.00	0.00	0.00	
Coomes, Paul A	1,707.48	0.00	0.00	0.00	
Copeland and Romines Law Office PLLC	550.00	0.00	0.00	0.00	
Covington & Burling	0.00	649.00	0.00	0.00	
Cox & Mazzoli PLLC	0.00	2,825.00	0.00	0.00	
David L Beckman	1,342.03	0.00	0.00	0.00	
Dewey and Leboeuf LLP	0.00	992.10	0.00	0.00	
Dewey Ballantine	0.00	0.00	773.88	0.00	
Fernandez Friedman Grossman and Kohn	0.00	0.00	0.00	175.42	
Ferreri & Fogle	0.00	0.00	0.00	8.00	
Fisher and Phillips LLP Foley and Mansfield Pllp	7,992.86 0.00	0.00	0.00	0.00	
Frost Brown Todd LLC	1,555,013.40	2,086.85 2,694,793.39	6,356.44	0.00	
Fulton and Devlin	888.00	8,950.11	1,354,663.72 2,741.63	549,655.53 689.00	
Greenebaum Doll and Mcdonald PLLC	247,283.71	896,782.87	343,130.76	17,299.37	
Holly M Everett PSC	0.00	1,410.00	3,198.00	0.00	
Hoskins Law Offices PLLC	0.00	0.00	0.00	2,453.10	
Howrey LLP	0.00	0.00	0.00	4,050.63	
Hunton and Williams LLP	181,409.99	346,297.83	196,013.96	181,890.20	
Hurt Legal Document Services	6,835.77	0.00	0.00	0.00	
Ireland Phd, Thomas R	900.00	0.00	0.00	0.00	
Jackson Kelly PLLC	0.00	32,430.00	32,430.00	0.00	
Jones & Bruce LLC	5,012.00	0.00	0.00	0.00	
Jones Day	10,711.40	7,089.84	36,065.63	44,743.00	
Joseph D Green	24,529.00	0.00	0.00	0.00	
Joseph Satterley Trustee for	12,500.00	0.00	0.00	0.00	
Keller and Heckman LLP	2,989.95	0.00	0.00	0.00	
Kennedy Covington	0.00	0.00	18,733.12	0.00	
Kilpatrick Stockton LLP	0.00	66,524.08	2,282.70	0.00	
Kirkpatrick and Lockhart Preston Leclair Ryan	0.00 0.00	1,317.50	0.00	0.00	
Moore, Thomas E		0.00	0.00	63,992.43	
Moore, Thomas E Morris Nichols Arsht and Tunnell LLP	112.62 0.00	0.00 0.00	0.00 0.00	0.00	
Monses and Singer LLP	0.00	0.00	7,144.62	5,403.04 0.00	
Mullins Harris & Jessee	11,790.99	9,893.52	25,315.44	7,011.28	
Nixon Peabody LLP	0.00	76,256.23	11,455.78	8,213.32	
Novack and Macey LLP	0.00	0.00	22,627.22	0.00	
Ogletree Deakins Nash Smoak and Stewart P.C.	8,084.50	5,689.50	0.00	0.00	
One Time Vendor	7.00	0.00	0.00	0.00	
Other	(1,025,353.37)	306,665.15	200,768.93	(19,599.90)	
Powell Goldstein LLP	3,120.00	3,120.00	0.00	0.00	

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R	Reed Weitkamp Schell and Vice PLLC	0.00	0.00	0.00	426,17	
R	Robinson, Mark A	0.00	0.00	0.00	4,835.32	
F	Rosso Alba, Francia and Ruiz Moreno	0.00	937.73	979.00	0.00	
S	ands Anderson Marks and Miller	5,277.81	22,271.94	2,675.00	9,751.61	
S	cot S Farthing Esq	0.00	0.00	0.00	2,325.00	
S	Scoville Firm PLLC	0.00	0.00	40.00	2,513.69	
S	Sea Ltd	4,764.58	0.00	0.00	0.00	
S	kadden Arps Slate Meagher and Flom LLP	20,326.50	10,000.00	0.00	0.00	
	Smith and Smith	0.00	55.00	0.00	4,968.99	
S	Stoll Keenon Ogden PLLC	449,852.09	623,220,03	684,476,47	765,855.75	
S	Sturgeon, Allyson	0.00	0.00	0.00	44,265.99	
Т	Thelen Reid Brown Raysman and Steiner LLP	0.00	13,787.00	5,126.62	0.00	
	Froutman Sanders LLP	1,446,393.59	1,840,663.75	1,401,439.57	1,622,282.72	
Г	ybout Redfearn and Pell	968.64	681.14	0.00	0.00	
۱ ۱	alenti Hanley and Robinson PLLC	55.00	495.00	2,903,45	0.00	
	/an Ness Feldman	209.25	28.27	94.25	70.92	
V	Vinson and Elkins	3,870.00	3,870.00	133,581,92	0.00	
1	/irginia Klapheke CCR	669.06	1,641.06	0.00	0.00	
	Waller Lansden Dortch & Davis	37,569.38	17,298.37	3,376.79		
v	Watkins and Eager PLLC	0.00	0.00		6,174.27	
	Veltman Weinberg and Reis Co Lpa	0.00	0.00	1,701.87	2,071.63	
	White PLLC, Jackson W	0.00	0.00	4,875.00	0.00	
	Whitlow Roberts Houston And	772.52	0.00	786.60	0.00	
	Woodward Hobson and Fulton LLP	57,731.54		0.00		
	Wyatt Tarrant & Combs LLP	-	28,296.23	44,899.68	51,087.31	
	Legal by Vendor	51,055.97	16,730.71	0.00	16,338.62	
. otti 1	oogar oy vondor	3,763,225.34	8,663,937.95	4,901,509.25	3,585,448.88	

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