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March 20, 2009

**HAND DELIVERED**

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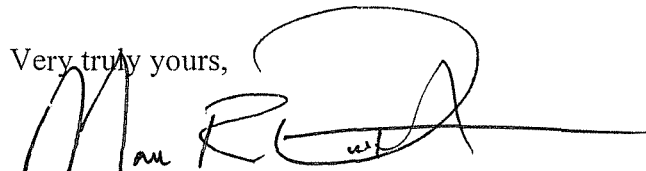
Jeff R. Derouen  
Executive Director  
Public Service Commission  
P.O. Box 615  
Frankfort, KY 40602-0615

**RE: P.S.C. Case No. 2009-00038 (Kentucky Power Company Environmental Surcharge)**

Dear Mr. Derouen:

Enclosed please find and accept for filing an original and ten copies of the testimony of Errol K. Wagner in the above proceeding. Also enclosed are Kentucky Power Company's responses to the data requests propounded pursuant to the Commission's Order dated February 12, 2009.

Very truly yours,



Mark R. Overstreet

Enclosures

cc: Dennis Howard, II  
Michael L. Kurtz

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

**IN THE MATTER OF:**

**AN EXAMINATION BY THE PUBLIC SERVICE )  
COMMISSION OF THE ENVIRONMENTAL )  
SURCHARGE MECHANISM OF KENTUCKY )  
POWER COMPANY FOR THE SIX-MONTH ) CASE NO. 2009-00038  
BILLING PERIODS ENDING DECEMBER 31, 2007; )  
JUNE 30, 2008; AND DECEMBER 31, 2008 )**

**KENTUCKY POWER COMPANY**  
**DIRECT TESTIMONY OF ERROL K WAGNER AND**  
**RESPONSES TO COMMISSION STAFF'S FIRST SET OF DATA REQUESTS**

**March 20, 2009**



**DIRECT TESTIMONY OF  
ERROL K WAGNER, ON BEHALF OF  
KENTUCKY POWER COMPANY  
BEFORE THE PUBLIC SERVICE COMMISSION OF KENTUCKY**

**CASE NO. 2009-00038**

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**DIRECT TESTIMONY OF  
ERROL K WAGNER, ON BEHALF OF  
KENTUCKY POWER COMPANY  
BEFORE THE PUBLIC SERVICE COMMISSION OF KENTUCKY**

**I. Introduction**

1   **Q: PLEASE STATE YOUR NAME, POSITION AND BUSINESS ADDRESS.**

2   A: My name is Errol K. Wagner. My position is Director of Regulatory Services,  
3   Kentucky Power Company (“Kentucky Power, KPCo or Company”). My business  
4   address is 101 A Enterprise Drive, Frankfort, Kentucky 40602.

**II. Background**

5   **Q: PLEASE SUMMARIZE YOUR EDUCATIONAL BACKGROUND AND**  
6   **BUSINESS EXPERIENCE.**

7   A: I received a Bachelor of Science degree with a major in accounting from  
8   Elizabethtown College, Elizabethtown, Pennsylvania in December 1973. I am a  
9   Certified Public Accountant. I worked for two certified public accounting firms  
10   prior to joining the Pennsylvania Public Utility Commission Staff in 1976. In 1982,  
11   I joined the American Electric Power Service Corporation (“AEPSC”) as a Rate  
12   Case Coordinator. In 1986, I transferred from AEPSC to Kentucky as the Assistant  
13   Rates, Tariffs and Special Contracts Director. In July 1987, I assumed my current  
14   position.

15   **Q: WHAT ARE YOUR RESPONSIBILITIES AS DIRECTOR OF**  
16   **REGULATORY SERVICES?**

17   A: I supervise and direct the Regulatory Services of the Company, which has the  
18   responsibility for rate and regulatory matters affecting Kentucky Power. This

1 includes the preparation of and coordination of the Company's exhibits and  
2 testimony in rate cases and any other formal filings before state and federal  
3 regulatory bodies. Another responsibility is assuring the proper application of the  
4 Company's rates in all classifications of business.

5 **Q: TO WHOM DO YOU REPORT?**

6 A: I report to the President of Kentucky Power, Mr. Timothy C. Mosher, who is also  
7 located in Frankfort, Kentucky.

8 **Q: HAVE YOU PREVIOUSLY TESTIFIED BEFORE THIS COMMISSION?**

9 A: Yes. I have testified before this Commission in numerous regulatory proceedings  
10 involving the adjustment in electric base rates, the fuel adjustment clause, the  
11 operation of the environmental cost recovery mechanism, approval of certificates of  
12 public convenience and necessity and other regulatory matters. I also testified in  
13 KPCo's last general adjustment in electric base rates in Case No. 2005-00341.

14 **III. Purpose of Testimony**

15 **Q: WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS**  
16 **PROCEEDING?**

17 A: The purpose of my testimony is to support the Company's monthly environmental  
18 surcharge filings for the six month billing periods ending December 31, 2007; June  
19 30, 2008; and December 31, 2008. Additionally, my testimony supports the  
20 Company's request to recover the total net under collection of environmental costs  
21 in the amount of \$5,156 during the expense months of May 2007 through October  
22 2008.

23 **Q: HAS THE COMPANY RESPONDED TO THE COMMISSION STAFF'S**  
24 **ELEVEN DATA REQUESTS, INCLUDING SUB-PARTS, PURSUANT TO**  
25 **APPENDIX B OF THE FEBRUARY 12, 2009 ORDER IN THIS CASE?**

1 A: Yes, in addition to my prefiled testimony, the Company is also filing responses to  
2 the data requests.

3 **Q: PLEASE EXPLAIN THE COMPANY'S DISCOVERY OF THE UNDER**  
4 **COLLECTION OF TOTAL NET ENVIRONMENTAL COSTS OF \$5,156.**

5 A: During the Company's review of the monthly environmental filings for the three  
6 six-month periods under review in this proceeding, the Company discovered that it  
7 had failed to include \$30,207 of monthly Air Emission Fee for the Gavin Plant on  
8 ES Form 3.14, page 5 of 11, line 9 on the five monthly filings beginning February  
9 2008 through June 2008.

10 **Q: HAS THE COMPANY RE-CALCULATED THE ENVIRONMENTAL**  
11 **SURCHARGE FILINGS FOR THE FIVE MONTHS TO INCLUDE THE**  
12 **MONTHLY GAVIN AIR EMISSION FEE OF \$30,207?**

13 A: Yes, please see the Company's response to the Commission Staff's data requests  
14 pursuant to the Order dated February 12, 2009. Item No. 1, pages 5 through 35 are  
15 the revised environmental surcharge calculations for the five expense months  
16 February through June 2008. For each of the five months, ES Form 3.14, Page 5 of  
17 11, Line 9, was revised to show the \$30,207 monthly Gavin Air Emission Fee.  
18 When ES Form 3.14, page 5 of 11 is revised, the result is carried forward to the  
19 other affected revised forms, then ES Form 1.00 reflects the under-recovery, if any.  
20 The monthly changes are as follows:

Month/Year	Revised Amount on ES Form 1.00, Line 7	As Filed Amount on ES Form 1.00, Line 7	Difference	KPCo Response Item No 1 Reference Page Number
February 2008	\$471,129	\$468,528	\$2,601	Page 5 of 35
March 2008	\$192,792	\$167,375	\$2,552	Page 11 of 35
April 2008	\$899,873	\$899,873	\$0	Page 17 of 35
May 2008	\$1,393,635	\$1,393,632	\$3	Page 23 of 35
June 2008	\$1,365,807	\$1,365,807	\$0	Page 30 of 35
Total			\$5,156	

1 **Q: WHAT IS THE FINAL RESULT?**

2 A: The final result is a total net under-recovery of \$5,156. Item No. 1, Pages 3 and 4,  
3 is a summary showing all three six-month periods and when the revisions are made  
4 to expense months February through June 2008, the total net under collection is  
5 \$5,156 (see Line 21, month of February 2008 in the amount of \$2,601; month of  
6 March 2008 in the amount of \$2,552 and the month of May 2008 in the amount of  
7 \$3).

#### **VIII. Conclusion**

8 **Q: WHAT ACTION IS THE COMPANY REQUESTING THE COMMISSION**  
9 **TAKE IN THIS PROCEEDING?**

10 A: Kentucky Power Company respectfully requests the Commission issue an Order  
11 permitting the Company to recover the net under collection of environmental costs  
12 in the amount of \$5,156.

13 **Q: HOW DOES THE COMPANY PROPOSE THAT IT COLLECT THE**  
14 **TOTAL NET UNDER COLLECTION?**

15 A: Due to the de minimis amount of the total net under collection, the Company  
16 proposes a one time adjustment to the Company's first monthly environmental



1 surcharge filing following the Commission's Order in this proceeding. The  
2 Company would propose to insert a line between lines 5 and 6 on ES Form 1.00 in  
3 which the \$5,156 under collection amount would be added to line 5.

4 **Q: DOES THAT CONCLUDE YOUR PRE-FILED DIRECT TESTIMONY?**

5 A: Yes.

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION OF KENTUCKY

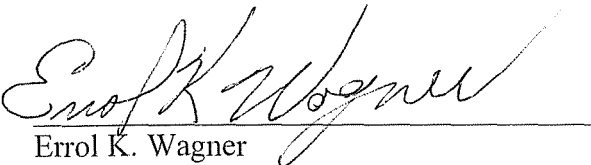
COMMONWEALTH OF KENTUCKY

CASE NO. 2009-00038

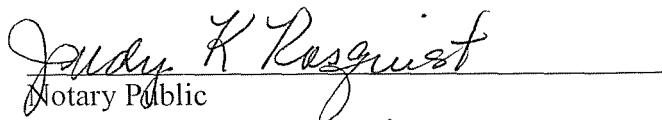
COUNTY OF FRANKLIN

AFFIDAVIT

Errol K. Wagner, upon first being duly sworn, hereby makes oath that if the foregoing questions were propounded to him at a hearing before the Public Service Commission of Kentucky, he would give the answers recorded following each of said questions and that said answers are true.

  
Errol K. Wagner

Subscribed and sworn before me by Errol K. Wagner this 20<sup>th</sup> day of March, 2009.

  
Notary Public

My Commission Expires January 23, 2013



## **Kentucky Power Company**

### **REQUEST**

Prepare a summary schedule showing the calculations  $E(m)$  and the surcharge factor for the expense months covered by the applicable billing period. Use ES Form 1.00 as a model for this summary. Include the expense months for the two expense months subsequent to the billing period in order to show the over- and under-recovery adjustments of the months included for the billing period under review. Include a calculation of any additional over- or under-recovery amount Kentucky Power believes needs to be recognized for each 6-month review. Include all supporting calculations and documentation for any such additional over- or under-recovery.

### **RESPONSE**

A summary schedule showing the calculation of  $E(m)$  and the surcharge factor for the expense months covered by the applicable billing period is attached. (Please see Pages 3 and 4 of 35).

After reviewing the monthly environmental filings for the revenue months July 2007 through December 2008 (Expense months May 2007 through October 2008) the only omission the Company found was on page ES Form 3.14 page 5 of 11. In reviewing the monthly filings, the Company found that it failed to include on line 9 the monthly Air Emission Fee in the amount of \$30,207 for the five expense months of February 2008 through June 2008. When the filings are modified to include the monthly Air Emission Fee of \$30,207, only three of the five expense months (February 2008, March 2008 and May 2008) changed the amount on page ES Form 1.00 line 7. The monthly changes are shown on the table below:

Month/Year	Revised Amount on ES Form 1.00, Line 7	As Filed Amount on ES Form 1.00, Line 7	Difference	Attachment Reference Page
February 2008	\$471,129	\$468,528	\$2,601	Page 5 of 35
March 2008	\$192,792	\$167,375	\$2,552	Page 11 of 35
April 2008	\$899,873	\$899,873	\$0	Page 17 of 35
May 2008	\$1,393,635	\$1,393,632	\$3	Page 23 of 35
June 2008	\$1,365,807	\$1,365,807	\$0	Page 30 of 35
Total			\$5,156	

The overall result is an under-recovery of the Company's environmental costs in the amount of \$5,156 during the review period (Please see page 4 of 35, Total Over/Under column, Line 21). Therefore, the Company is requesting authority to collect the under-recovery amount in its next monthly environmental filing following the date of the Commission's Order in this proceeding.

**WITNESS:** Errol K. Wagner

	May 2007	June 2007	July 2007	August 2007	September 2007	October 2007	November 2007	December 2007	January 2008	February 2008	March 2008	April 2008
LINE 1	\$2,915,796	\$2,691,620	\$3,246,844	\$3,302,025	\$2,973,994	\$2,709,124	\$2,443,004	\$1,708,995	\$3,329,864	\$3,237,528	\$3,085,202	\$3,346,668
LINE 2	\$1,514,859	\$1,913,578	\$2,618,212	\$2,342,883	\$2,852,305	\$2,161,975	\$2,598,522	\$1,407,959	\$2,531,784	\$3,003,995	\$2,845,066	\$2,095,535
LINE 3	\$1,400,937	\$778,042	\$428,632	\$959,142	\$121,689	\$527,149	(\$155,518)	\$301,026	\$798,070	\$233,533	\$240,136	\$1,251,133
LINE 4												
LINE 5A												
LINE 5B												
LINE 6												
LINE 7												
LINE 8												
LINE 9												
LINE 10												
LINE 11												
LINE 12												
LINE 13												
LINE 14												
LINE 15												
LINE 16												
LINE 17												
LINE 18												
LINE 19												
LINE 20												
LINE 21												

KENTUCKY POWER COMPANY  
 ENVIRONMENTAL SURCHARGE REPORT  
 CALCULATION OF E(m) and SURCHARGE FACTOR

As Originally Filed  
 CALCULATION OF E(m)  
 E(m) = CRR - BRR

LINE 1 CRR from ES FORM 3.00  
 LINE 2 Brr from ES FORM 1.10  
 LINE 3 E(m) (LINE 1 - LINE 2)  
 Kentucky Retail Jurisdictional Allocation Factor,  
 from ES FORM 3.30, Schedule of Revenues, LINE 1

LINE 4  
 KY Retail E(m) (LINE 3 \* LINE 4)

LINE 5A Monthly Increase in Jurisdictional Environmental  
 Revenue Requirement per Case No. 2006-00126,  
 dated January 31, 2007

LINE 5B Adjustment from June 2007: (1) ES FORM 3.13 - Lines 9 & 10.  
 SCR Equipment - Associated Operating & Maintenance  
 Expenses and (2) ES FORM 3.14, Page 2, Line 14 - Ohio Power  
 Company's revised Company Surplus Weighting

LINE 5B Environmental Surcharge Clause Adjustment  
 Case No. 2007-00381, dated August 19, 2008

LINE 5B Over/(Under) Recovery Adjustment from  
 ES FORM 3.30

LINE 6 Net KY Retail E(m) (LINE 5 + LINE 6)

LINE 7 SURCHARGE FACTOR

LINE 8 Net KY Retail E(m) (Line 7)

LINE 9 KY Retail R(m) from ES FORM 3.30

LINE 10 Environmental Surcharge Factor for Expense Month  
 (Line 8 / LINE 9)

As Revised  
 CALCULATION OF E(m)  
 E(m) = CRR - BRR

LINE 11 CRR from ES FORM 3.00  
 LINE 12 Brr from ES FORM 1.10  
 LINE 13 E(m) (LINE 11 - LINE 12)  
 Kentucky Retail Jurisdictional Allocation Factor,  
 from ES FORM 3.30, Schedule of Revenues, LINE 1

LINE 14 KY Retail E(m) (LINE 13 \* LINE 14)  
 Over/(Under) Recovery Adjustment from  
 ES FORM 3.30

LINE 15 Net KY Retail E(m) (LINE 15 + LINE 16)

LINE 16 SURCHARGE FACTOR

LINE 17 Net KY Retail E(m) (Line 17)

LINE 18 KY Retail R(m) from ES FORM 3.30

LINE 19 Environmental Surcharge Factor for Expense Month  
 (Line 18 / LINE 19)

LINE 20 Difference (Line 16 - Line 8)

LINE 21

KENTUCKY POWER COMPANY  
 ENVIRONMENTAL SURCHARGE REPORT  
 CALCULATION OF E(m) and SURCHARGE FACTOR

As Originally Filed

LINE	DESCRIPTION	May 2008	June 2008	July 2008	August 2008	September 2008	October 2008	November 2008	December 2008	Total Over / Under Recovery
LINE 1	CRR from ES FORM 3.00	\$3,536,326	\$3,909,543	\$4,164,371	\$3,907,292	\$4,274,049	\$3,260,302	\$2,786,040	\$4,074,321	
LINE 2	Br from ES FORM 1.10	\$1,514,859	\$1,913,578	\$2,818,212	\$2,342,883	\$2,852,305	\$2,161,975	\$2,598,522	\$1,407,969	
LINE 3	E(m) (LINE 1 - LINE 2)	\$2,021,467	\$1,995,965	\$1,346,159	\$1,564,409	\$1,421,744	\$1,078,327	\$187,518	\$2,666,352	
LINE 4	Kentucky Retail Jurisdictional Allocation Factor, from ES FORM 3.30, Schedule of Revenues, LINE 1	66.6%	64.4%	59.9%	64.2%	60.9%	70.9%	83.4%	85.7%	
LINE 5A	KY Retail E(m) (LINE 3 * LINE 4)	\$1,346,297	\$1,285,401	\$806,349	\$1,004,350	\$865,842	\$764,534	\$156,390	\$2,285,063	
LINE 5B	Monthly Increase in Jurisdictional Environmental Revenue Requirement per Case No. 2006-00128, dated January 31, 2007	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
LINE 5B	Adjustment from June 2007: (1) ES FORM 3.13 - Lines 9 & 10, SCR Equipment - Environmental Testing & Maintenance Expense and (2) ES FORM 3.14, Part 2, Line 14 - Ohio Power Company's revised Company Surplus Weighting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
LINE 5B	Environmental Surcharge Clause Adjustment Case No. 2007-00381, dated August 19, 2008	\$0	\$0	\$0	(\$195,038)	(\$40)	\$0	\$0	\$0	
LINE 6	Over/(Under) Recovery Adjustment from ES FORM 3.30	\$47,335	\$80,405	(\$634,728)	\$132,280	(\$127,718)	(\$16,367)	(\$25,318)	(\$267,420)	
LINE 7	Net KY Retail E(m) (LINE 5 + LINE 6)	\$1,393,632	\$1,365,808	\$171,620	\$941,572	\$738,084	\$748,167	\$131,072	\$2,017,643	
LINE 8	Net KY Retail E(m) (Line 7)	\$1,393,632	\$1,365,806	\$171,620	\$941,572	\$738,084	\$748,167	\$131,072	\$2,017,643	
LINE 9	KY Retail R(m) from ES FORM 3.30	\$29,576,694	\$36,481,372	\$42,475,825	\$38,352,654	\$34,104,395	\$40,145,688	\$40,955,466	\$55,425,728	
LINE 10	Environmental Surcharge Factor for Expense Month (Line 8 / LINE 9)	4.7119%	3.7438%	0.4040%	2.4550%	2.1642%	1.8636%	0.3200%	3.6403%	
LINE 11	CRR from ES FORM 3.00	\$3,536,330	\$3,909,543							
LINE 12	Br from ES FORM 1.10	\$1,514,859	\$1,913,578							
LINE 13	E(m) (LINE 11 - LINE 12)	\$2,021,471	\$1,995,965							
LINE 14	Kentucky Retail Jurisdictional Allocation Factor, from ES FORM 3.30, Schedule of Revenues, LINE 1	66.6%	64.4%							
LINE 15	KY Retail E(m) (LINE 13 * LINE 14)	\$1,346,300	\$1,285,401							
LINE 16	Over/(Under) Recovery Adjustment from ES FORM 3.30	\$47,335	\$80,405							
LINE 17	Net KY Retail E(m) (LINE 15 + LINE 16)	\$1,393,635	\$1,365,806							
LINE 18	Net KY Retail E(m) (Line 17)	\$1,393,635	\$1,365,806							
LINE 19	KY Retail R(m) from ES FORM 3.30	\$29,576,694	\$36,481,372							
LINE 20	Environmental Surcharge Factor for Expense Month (Line 18 / LINE 19)	4.7119%	3.7438%							
LINE 21	Difference (Line 18 - Line 8)	\$3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,156

As Revised

CALCULATION OF E(m)

E(m) = CRR - BRR

REVISED - March 20, 2009

ES FORM 1.00

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CALCULATION OF E(m) and SURCHARGE FACTOR  
 For the Expense Month of February 2008

<u>CALCULATION OF E(m)</u>		REVISED AMOUNT	FILED AMOUNT	DIFFERENCE
E(m) = CRR - BRR				
LINE 1	CRR from ES FORM 3.00	\$3,241,125	\$3,237,528	\$3,597
LINE 2	Brr from ES FORM 1.10	\$3,003,995	\$3,003,995	\$0
LINE 3	E(m) (LINE 1 - LINE 2)	\$237,130	\$233,533	\$3,597
LINE 4	Kentucky Retail Jurisdictional Allocation Factor, from ES FORM 3.30, Schedule of Revenues, LINE 1	72.3%	72.3%	72.3%
LINE 5	KY Retail E(m) (LINE 3 * LINE 4)	\$171,445	\$168,844	\$2,601
LINE 6	Over/(Under) Recovery Adjustment from ES FORM 3.30	\$299,684	\$299,684	\$0
LINE 7	Net KY Retail E(m) (LINE 5 + LINE 6)	\$471,129	\$468,528	\$2,601
<u>SURCHARGE FACTOR</u>				
LINE 8	Net KY Retail E(m) (Line 7)	\$471,129	\$468,528	\$2,601
LINE 9	KY Retail R(m) from ES FORM 3.30	\$41,156,408	\$41,156,408	
LINE 10	Environmental Surcharge Factor for Expense Month (Line 8 / LINE 9)	1.1447%	1.1384%	

Effective Date for Billing: April 2008

Submitted By : \_\_\_\_\_

Title : Director Regulatory Services

Date Submitted : \_\_\_\_\_



REVISED - March 20, 2009  
 ES FORM 3.00

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 For the Expense Month of February 2008

CALCULATION OF CURRENT PERIOD REVENUE REQUIREMENT

LINE NO.	COMPONENTS	REVISED AMOUNT	FILED AMOUNT	FILED AMOUNT	DIFFERENCE	DIFFERENCE
1	First Component: Associated with Big Sandy Plant (RB KP(C)) (ROR KP(C)/12) + OE KP(C) ES FORM 3.10, Line 20	\$3,200,473	\$3,196,876		\$3,597	
2	Second Component: Associated with Rockport Plant (((RB IM(C)) (ROR IM(C)/12) + OE IM(C)) ES FORM 3.20, Line 12	\$40,652	\$40,652		\$0	
	Third Component: Net Proceeds from Emission Allowances Sales AS					
	1) SO2 - EPA Auction Proceeds received during Expense Month	\$0	\$0		\$0	
	2) SO2 - Net Gain or (Loss) from Allowance Sales, in compliance with the AEP Interim Allowance Agreement, received during Expense Month	\$0	\$0		\$0	
	Total Net Proceeds from SO2 Allowances	\$0	\$0		\$0	
	1) NOx - ERC Sales Proceeds, received during Expense Month	\$0	\$0		\$0	
	2) NOx - EPA Auction Proceeds, received during Expense Month	\$0	\$0		\$0	
	3) NOx - Net Gain or Loss from NOx Allowances Sales, received during Expense Month	\$0	\$0		\$0	
	Total Net Proceeds from NOx Allowances	\$0	\$0		\$0	
3	Total Net Gain or (Loss) from Emission Allowance Sales	\$0	\$0		\$0	
4	Total Current Period Revenue Requirement, CRR Record on ES FORM 1.00.	\$3,241,125	\$3,237,528		\$3,597	

REVISED - March 20, 2009

ES FORM 3.10

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 COSTS ASSOCIATED WITH BIG SANDY

For the Expense Month of February 2008

LINE NO.	COST COMPONENT	REVISED AMOUNTS	FILED AMOUNTS	FILED AMOUNTS	DIFFERENCE	DIFFERENCE
1	Utility Plant at Original Cost	\$191,360,181				
2	Less Accumulated Depreciation	(\$39,820,920)				\$0
3	Less Accum. Def. Income Taxes	(\$36,130,760)				\$0
4	Net Utility Plant	\$115,408,501	\$115,408,501			\$0
5	SO2 Emission Allowance Inventory from ES FORM 3.11	\$10,028,371	\$10,028,371			\$0
6	ECR & NOx Emission Allowance Inventory from ES FORM 3.12	\$0	\$0			\$0
7	Cash Working Capital Allowance from ES FORM 3.13, Line 12	\$77,743	\$77,743			\$0
8	Total Rate Base	\$125,514,615	\$125,514,615			\$0
9	Weighted Average Cost of Capital - ES FORM 3.15			10.15%		
10	Monthly Weighted Avg. Cost of Capital (9) / 12					0.85%
11	Monthly Return of Rate Base (8) * (10)	\$1,066,874				\$0
12	Operating Expenses :					
13	Monthly Depreciation Expense	\$577,101				\$0
14	Monthly Catalyst Amortization Expense	\$46,030				\$0
15	Monthly Property Taxes	\$14,454				\$0
16	Monthly Kentucky Air Emissions Fee	\$30,246				\$0
17	Monthly Environmental AEP Pool Capacity Costs	\$1,291,323				\$3,597
18	Monthly 2003 Plan Non-Fuel O&M Expenses from ES FORM 3.13	\$21,365				\$0
19	Monthly SO2 Emission Allowance Consumption	\$153,080				\$0
20	Monthly ERC & NOx Emission Allowance Consumption	\$0				\$0
21	Total Operating Expenses (Line 12 thru Line 18)	\$2,133,599				\$3,597
22	Total Revenue Requirement - Big Sandy	\$3,200,473				\$3,597
23	Record on ES FORM 3.00, Line 1					

ES FORM 3.14  
 Page 1 of 11

REVISED - March 20, 2008

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 AEP POOL MONTHLY ENVIRONMENTAL CAPACITY COSTS

For the Expense Month of February 2008

Line No.	Cost Component	REVISED AMOUNTS			FILED AMOUNTS			DIFFERENCE		
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Amos Unit No. 3 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 3 of 11, Line 24)	\$57,552		\$57,552	\$0		\$0			
2	Cardinal Unit No. 1 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 4 of 11, Line 22)	\$50,358		\$50,358	\$0		\$0			
3	Gavin Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 5 of 11, Line 26)	\$486,366		\$492,789	\$3,597		\$3,597			
4	Kammer Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 6 of 11, Line 20)	\$3,597		\$3,597	\$0		\$0			
5	Mitchell Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 7 of 11, Line 23)	\$566,311		\$566,311	\$0		\$0			
6	Muskingum Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 8 of 11, Line 20)	\$71,840		\$71,840	\$0		\$0			
7	Sporn Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 9 of 11, Line 20)	\$10,791		\$10,791	\$0		\$0			
8	Rockport Plant Environmental to Kentucky Power (ES FORM 3.14, Page 10 of 11, Column 5, Line 21)		\$3,597			\$3,597			\$0	
9	Tanners Creek Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 11 of 11, Line 20)		\$10,791			\$10,791			\$0	
10	Total AEP Pool Monthly Environmental Capacity Costs to Kentucky Power	\$1,276,935	\$14,388	\$1,291,323	\$1,273,338	\$14,388	\$1,287,726	\$3,597	\$0	\$3,597

Note: Cost in Column 5, Line 10 is to be recorded on ES FORM 3.10, Line 16.

REVISED - March 20, 2009

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 AEP POOL MONTHLY ENVIRONMENTAL CAPACITY COSTS  
 WORKING CAPITAL ONLY

For the Expense Month of February 2008

Line No. (1)	Cost Component (2)	REVISED AMOUNTS			FILED AMOUNTS			DIFFERENCE		
		Ohio Power Company's (OPCo) Environmental Cost to KPCo (3)	Michigan Power Company's (I&M) Environmental Cost to KPCo (4)	Indiana Power Company's (I&M) Environmental Cost to KPCo (5)	Ohio Power Company's (OPCo) Environmental Cost to KPCo (6)	Michigan Power Company's (I&M) Environmental Cost to KPCo (7)	Indiana Power Company's (I&M) Environmental Cost to KPCo (8)	Ohio Power Company's (OPCo) Environmental Cost to KPCo (9)	Michigan Power Company's (I&M) Environmental Cost to KPCo (10)	Total (11)
1	Amos Unit No. 3 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 3 of 11, Line 16)	\$307,424			\$307,424			\$0		
2	Cardinal Unit No. 1 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 4 of 11, Line 12)	\$30,873			\$30,873			\$0		
3	Gavin Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 5 of 11, Line 16)	\$9,359,066			\$9,359,066			\$30,207		
4	Kammer Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 6 of 11, Line 10)	\$18,189			\$18,189			\$0		
5	Michell Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 7 of 11, Line 13)	\$788,901			\$788,901			\$0		
6	Muskingum Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 8 of 11, Line 10)	\$371,578			\$371,578			\$0		
7	Sporn Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 9 of 11, Line 10)	\$14,415			\$14,415			\$0		
8	Rocket Plant Environmental to Kentucky Power (ES FORM 3.14, Page 10 of 11, Column 3, Line 10)		\$15,625			\$15,625		\$0		
9	Rocket Plant Environmental to Kentucky Power (ES FORM 3.14, Page 10 of 11, Columns 4 & 5, Line 10)		\$0			\$0		\$0		
10	Tanners Creek Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 11 of 11, Line 10)		\$15,625			\$15,625		\$0		
11	Subtotal	\$10,920,473	\$31,250	\$31,250	\$10,890,266	\$31,250	\$30,207	\$0	\$0	\$0
12	Steam Capacity By Company - OPCo (Column 31 / I&M (Column 4)) (kw)	8,452,000	5,154,000	5,154,000	8,452,000	5,154,000	8,452,000	5,154,000		
13	Environmental Base (\$/kw)	\$1.29	\$0.01	\$0.01	\$1.29	\$0.01	\$0.00	\$0.00		
14	Company Surplus Weighting	80.00%	10.00%	10.00%	80.00%	10.00%	80.00%	10.00%		
15	Portion of Weighted Average Capacity Rate Allotted to Environmental Fixed O&M Costs	\$1.16	\$0.00	\$0.00	\$1.16	\$0.00	\$0.00	\$0.00		
16	Kentucky Power Capacity Deficit (kw)	359,700	359,700	359,700	359,700	359,700	359,700	359,700		
17	Fixed O&M Environmental Cost to Kentucky Power	\$417,252	\$0	\$0	\$417,252	\$0	\$417,252	\$0	\$0	\$0

Note: Cost in Column 5, Line 17 is to be recorded on ES FORM 3.13, Line 2.

REVISED - March 20, 2009

ES FORM 3.14  
 Page 5 of 11

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 OHIO POWER COMPANY (OPCo) - GAVIN PLANT (UNITS 1 & 2)

For the Expense Month of February 2008

LINE NO.	COST	REVISED AMOUNTS	FILED AMOUNTS	DIFFERENCE
1	Utility Plant at Original Cost	\$257,303,001	\$257,303,001	\$0
2	Member Primary Capacity Investment Rate (16.44% / 12)	1.37%	1.37%	1.37%
3	Total Rate Base	\$3,525,051	\$3,525,051	\$0
4	Operations :			
4	Sludge Disposal (5010000)	\$824,215	\$824,215	\$0
5	Lime (5020001)	\$3,459,987	\$3,459,987	\$0
6	Urea (5020002)	\$0	\$0	\$0
7	Trona (5020003)	\$247,067	\$247,067	\$0
8	Lime Stone (5020004)	\$0	\$0	\$0
9	Air Emission Fee	\$30,207	\$30,207	\$30,207
10	Lease (5070005)	\$4,355,500	\$4,355,500	\$0
11	Total Operations (Lines 4 thru 10)	\$8,916,966	\$8,886,759	\$30,207
	Maintenance :			
12	SCR Maintenance (5120000)	\$87,858	\$87,858	\$0
13	Scrubber Maintenance (5120000)	\$656,796	\$656,796	\$0
14	Total Maintenance (12) + (13)	\$944,654	\$944,654	\$0
15	1/2 of Maintenance (13) * 50%	\$472,327	\$472,327	\$0
16	Fixed O&M (11) + (15)	\$9,389,293	\$9,359,086	\$30,207
	Total Revenue Requirement,			
17	Cost Associated with Gavin Plant (3) + (16)	\$12,914,344	\$12,884,137	\$30,207
18	Ohio Power Company's Percentage Ownership	100.00%	100.00%	100.00%
19	OPCo's Share of Cost Associated with Gavin Plant (17) X (18)	\$12,914,344	\$12,884,137	\$30,207
20	Ohio Power Company Steam Capacity (kw)	8,452,000	8,452,000	8,452,000
21	Gavin Plant (\$/kw)	\$1.53	\$1.52	\$0.01
22	Ohio Power Surplus Weighing	90.00%	90.00%	90.00%
23	Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22)	\$1.36	\$1.37	\$0.01
24	Gavin Plant Costs to Kentucky Power :			
24	Gavin Plant Portion (\$/kw) (23)	\$1.36	\$1.37	\$0.01
25	Kentucky Power Capacity Deficit (kw)	359,700	359,700	359,700
26	Gavin Plant Environmental Cost to Kentucky Power (24) * (25) (ES FORM 3.14, Page 1 of 10, Line 3)	\$496,386	\$492,789	\$3,597

REVISED - March 20, 2009

ES FORM 1.00

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CALCULATION OF E(m) and SURCHARGE FACTOR  
 For the Expense Month of March 2008

<u>CALCULATION OF E(m)</u>		REVISED AMOUNT	FILED AMOUNT	DIFFERENCE
E(m) = CRR - BRR				
LINE 1	CRR from ES FORM 3.00	\$3,088,864	\$3,085,202	\$3,662
LINE 2	Brr from ES FORM 1.10	\$2,845,066	\$2,845,066	\$0
LINE 3	E(m) (LINE 1 - LINE 2)	\$243,798	\$240,136	\$3,662
LINE 4	Kentucky Retail Jurisdictional Allocation Factor, from ES FORM 3.30, Schedule of Revenues, LINE 1	69.7%	69.7%	69.7%
LINE 5	KY Retail E(m) (LINE 3 * LINE 4)	\$169,927	\$167,375	\$2,552
LINE 6	Over/(Under) Recovery Adjustment from ES FORM 3.30	\$22,865	\$0	\$0
LINE 7	Net KY Retail E(m) (LINE 5 + LINE 6)	\$192,792	\$167,375	\$2,552
<u>SURCHARGE FACTOR</u>				
LINE 8	Net KY Retail E(m) (Line 7)	\$192,792	\$167,375	\$2,552
LINE 9	KY Retail R(m) from ES FORM 3.30	\$39,776,726	\$39,776,726	
LINE 10	Environmental Surcharge Factor for Expense Month (Line 8 / LINE 9)	0.4847%	0.4208%	

Effective Date for Billing: May 2008

Submitted By : \_\_\_\_\_

Title : Director Regulatory Services

Date Submitted : \_\_\_\_\_

REVISED - March 20, 2009 ES FORM 3.00

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 For the Expense Month of March 2008

CALCULATION OF CURRENT PERIOD REVENUE REQUIREMENT

LINE NO.	COMPONENTS	REVISED AMOUNT	FILED AMOUNT	FILED AMOUNT	DIFFERENCE	DIFFERENCE
1	First Component: Associated with Big Sandy Plant ((RB KP(C)) (ROR KP(G)/12)) + OE KP(C) ES FORM 3.10, Line 20	\$3,313,217		\$3,309,555	\$3,662	
2	Second Component: Associated with Rockport Plant (((RB IM(C)) (ROR IM(C)/12)) + OE IM(C)) ES FORM 3.20, Line 12  Third Component: Net Proceeds from Emission Allowances Sales AS 1) SO2 - EPA Auction Proceeds received during Expense Month 2) SO2 - Net Gain or (Loss) from Allowance Sales, in compliance with the AEP Interim Allowance Agreement, received during Expense Month  Total Net Proceeds from SO2 Allowances 1) NOx - ERC Sales Proceeds, received during Expense Month 2) NOx - EPA Auction Proceeds, received during Expense Month 3) NOx - Net Gain or Loss from NOx Allowances Sales, received during Expense Month  Total Net Proceeds from NOx Allowances	\$41,626	\$0	\$41,626	\$0	\$0
3	Total Net Gain or (Loss) from Emission Allowance Sales	\$265,979	\$265,979	\$265,979	\$0	\$0
4	Total Current Period Revenue Requirement, CRR Record on ES FORM 1.00.	\$3,088,864	\$3,085,202	\$3,662	\$0	\$3,662

REVISED - March 20, 2009

ES FORM 3.10

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 COSTS ASSOCIATED WITH BIG SANDY

For the Expense Month of March 2008

LINE NO.	COST COMPONENT	REVISED AMOUNT	REVISED AMOUNT	FILED AMOUNT	FILED AMOUNT	DIFFERENCE	DIFFERENCE
1	Utility Plant at Original Cost	\$191,212,371	\$191,212,371			\$0	
2	Less Accumulated Depreciation	(\$40,444,051)	(\$40,444,051)			\$0	
3	Less Accum. Def. Income Taxes	(\$36,390,221)	(\$36,390,221)			\$0	
4	Net Utility Plant	\$114,378,099	\$114,378,099			\$0	
5	SO2 Emission Allowance Inventory from ES FORM 3.11	\$9,819,214	\$9,819,214			\$0	
6	ECR & NOx Emission Allowance Inventory from ES FORM 3.12	\$0	\$0			\$0	
7	Cash Working Capital Allowance from ES FORM 3.13, Line 12	\$88,878	\$88,878			\$0	
8	Total Rate Base	\$124,286,191	\$124,286,191			\$0	
9	Weighted Average Cost of Capital - ES FORM 3.15			10.15%	10.15%		0.00%
10	Monthly Weighted Avg. Cost of Capital (9) / 12	0.85%	0.85%			\$0	
11	Monthly Return of Rate Base (8) * (10)	\$1,056,433	\$1,056,433			\$0	
12	Operating Expenses :						
13	Monthly Depreciation Expense	\$577,101	\$577,101			\$0	
14	Monthly Catalyst Amortization Expense	\$46,030	\$46,030			\$0	
15	Monthly Property Taxes	\$14,454	\$14,454			\$0	
16	Monthly Kentucky Air Emissions Fee	\$30,246	\$30,246			\$0	
17	Monthly Environmental AEP Pool Capacity Costs from ES FORM 3.14, Page 1 of 11, Column 5, Line 10	\$1,325,644	\$1,325,644			\$3,662	
18	Monthly 2003 Plan Non-Fuel O&M Expenses from ES FORM 3.13	\$54,152	\$54,152			\$0	
19	Monthly SO2 Emission Allowance Consumption	\$209,157	\$209,157			\$0	
20	Monthly ERC & NOx Emission Allowance Consumption	\$0	\$0			\$0	
21	Total Operating Expenses [Line 12 thru Line 18]	\$2,256,784	\$2,256,784			\$3,662	
	Total Revenue Requirement - Big Sandy	\$3,313,217	\$3,313,217			\$3,662	
	Record on ES FORM 3.00, Line 1						



ES FORM 3.14  
 Page 1 of 11

REVISED - March 20, 2009

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 AEP POOL MONTHLY ENVIRONMENTAL CAPACITY COSTS

For the Expense Month of March 2008

Line No. (1)	Cost Component (2)	REVISED AMOUNTS			FILED AMOUNTS			DIFFERENCE		
		Ohio Power Company's Environmental Cost to KPCCo (3)	Indiana Michigan Power Company's Environmental Cost to KPCCo (4)	Total (5)	Ohio Power Company's Environmental Cost to KPCCo (6)	Indiana Michigan Power Company's Environmental Cost to KPCCo (7)	Total (8)	Ohio Power Company's Environmental Cost to KPCCo (9)	Indiana Michigan Power Company's Environmental Cost to KPCCo (10)	Total (11)
1	Ames Unit No. 3 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 3 of 11, Line 24)	\$52,254			\$52,254			\$0		
2	Cardinal Unit No. 1 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 4 of 11, Line 22)	\$58,592			\$58,592			\$0		
3	Gavin Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 5 of 11, Line 28)	\$505,358			\$501,894			\$3,662		
4	Kammer Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 6 of 11, Line 20)	\$3,862			\$3,862			\$0		
5	Mitchell Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 7 of 11, Line 23)	\$604,230			\$604,230			\$0		
6	Muskingum Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 8 of 11, Line 20)	\$73,240			\$73,240			\$0		
7	Sporn Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 9 of 11, Line 20)	\$10,988			\$10,988			\$0		
8	Rockport Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 10 of 11, Column 5, Line 21)		\$0			\$0			\$0	
9	Tanners Creek Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 11 of 11, Line 20)		\$7,324			\$7,324				\$0
10	Total AEP Pool Monthly Environmental Capacity Costs to Kentucky Power	\$1,318,320	\$7,324	\$1,325,644	\$1,314,658	\$7,324	\$1,321,982	\$3,662	\$0	\$3,662

Note: Cost in Column 5, Line 10 is to be recorded on ES FORM 3.10, Line 16.

REVISED - March 20, 2009

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 AEP POOL MONTHLY ENVIRONMENTAL CAPACITY COSTS  
 WORKING CAPITAL ONLY

For the Expense Month of March 2009

Line No.	Cost Component (2)	REVISED AMOUNTS			FILED AMOUNTS			DIFFERENCE		
		Ohio Power Company's Environmental Cost to KPCo (3)	Indiana Power Company's Environmental Cost to KPCo (4)	Ohio Power Company's Environmental Cost to KPCo (5)	Ohio Power Company's Environmental Cost to KPCo (6)	Indiana Power Company's Environmental Cost to KPCo (7)	Ohio Power Company's Environmental Cost to KPCo (8)	Indiana Power Company's Environmental Cost to KPCo (9)	Total (10)	Total (11)
1	Amos Unit No. 3 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 3 of 11, Line 16)	\$326,805		\$326,805			\$0			
2	Cardinal Unit No. 1 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 4 of 11, Line 12)	\$52,055		\$52,055			\$0			
3	Gevin Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 5 of 11, Line 16)	\$9,075,134		\$9,044,927	\$18,189		\$30,207			
4	Kanmer Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 6 of 11, Line 10)	\$18,189		\$18,189			\$0			
5	Mitchell Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 7 of 11, Line 13)	\$574,680		\$574,680			\$0			
6	Muskegon Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 8 of 11, Line 10)	\$377,888		\$377,888			\$0			
7	Sporn Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 9 of 11, Line 10)	\$14,415		\$14,415			\$0			
8	Reichport Plant Environmental to Kentucky Power (ES FORM 3.14, Page 10 of 11, Column 3, Line 10)		\$15,925			\$15,925		\$0		
9	Reichport Plant Environmental to Kentucky Power (ES FORM 3.14, Page 10 of 11, Column 4 & 5, Line 10)		\$0			\$0		\$0		
10	Turners Creek Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 11 of 11, Line 10)		\$15,625			\$15,625		\$0		
11	Subtotal	\$10,439,266	\$31,250	\$10,409,059	\$31,250	\$10,409,059	\$30,207	\$0	\$0	\$0
12	Steam Capacity By Company - OPCo (Column 3) / I&M (Column 4) (kw)	8,418,000	5,109,000	8,418,000	5,109,000	8,418,000	8,418,000	5,109,000		
13	Environmental Base (\$/kw)	\$1.24	\$0.01	\$1.24	\$0.01	\$1.24	\$0.00	\$0.00		
14	Company Surplus Weighting	92.00%	8.00%	92.00%	8.00%	92.00%	92.00%	8.00%		
15	Portion of Weighted Average Capacity Rate Allocated to Environmental Fixed O&M Costs	\$1.14	\$0.00	\$1.14	\$0.00	\$1.14	\$0.00	\$0.00		
16	Kentucky Power Capacity Detail (kw)	366,200	366,200	366,200	366,200	366,200	366,200	366,200		
17	Fixed O&M Environmental Cost to Kentucky Power	\$417,468	\$0	\$417,468	\$0	\$417,468	\$0	\$0		\$0

Note: Cost in Column 5, Line 17 is to be recorded on ES FORM 3.13, Line 2.

ES FORM 3.14  
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REVISED - March 20, 2009

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 OHIO POWER COMPANY (OPCo) - GAVIN PLANT (UNITS 1 & 2)

For the Expense Month of March 2008

LINE NO.	COST	REVISED AMOUNTS	FILED AMOUNTS	DIFFERENCE
1	Utility Plant at Original Cost	\$257,303,001	\$257,303,001	\$0
2	Member Primary Capacity Investment Rate (16.44% / 12)	1.37%	1.37%	1.37%
3	Total Rate Base	\$3,525,051	\$3,525,051	\$0
4	Operations :			
4	Sludge Disposal (5010000)	\$702,463	\$702,463	\$0
5	Lime (5020001)	\$3,446,065	\$3,446,065	\$0
6	Urea (5020002)	\$0	\$0	\$0
7	Trona (5020003)	\$263,747	\$263,747	\$0
8	Lime Stone (5020004)	\$0	\$0	\$0
9	Air Emission Fee	\$30,207	\$0	\$30,207
10	Lease (5070005)	\$4,355,500	\$4,355,500	\$0
11	Total Operations (Lines 4 thru 10)	\$8,767,982	\$8,757,775	\$30,207
	Maintenance :			
12	SCR Maintenance (5120000)	\$125,705	\$125,705	\$0
13	Scrubber Maintenance (5120000)	\$448,598	\$448,598	\$0
14	Total Maintenance (12) + (13)	\$574,303	\$574,303	\$0
15	1/2 of Maintenance (13) * 50%	\$287,152	\$287,152	\$0
16	Fixed O&M (11) + (15)	\$9,075,134	\$9,044,927	\$30,207
	Total Revenue Requirement,			
17	Cost Associated with Gavin Plant (3) + (16)	\$12,600,185	\$12,569,978	\$30,207
18	Ohio Power Company's Percentage Ownership	100.00%	100.00%	100.00%
19	OPCo's Share of Cost Associated with Gavin Plant (17) X (18)	\$12,600,185	\$12,569,978	\$30,207
20	Ohio Power Company Steam Capacity (kw)	8,418,000	8,418,000	8,418,000
21	Gavin Plant (\$/kw)	\$1.49	\$1.49	\$0.01
22	Ohio Power Surplus Weighting	92.00%	92.00%	92.00%
23	Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22)	\$1.38	\$1.37	\$0.01
	Gavin Plant Costs to Kentucky Power :			
24	Gavin Plant Portion (\$/kw) (23)	\$1.38	\$1.37	\$0.01
25	Kentucky Power Capacity Deficit (kw)	366,200	366,200	366,200
	Gavin Plant Environmental Cost to Kentucky Power (24) * (25) (ES FORM 3.14, Page 1 of 10, Line 3)	\$505,356	\$501,694	\$3,662

REVISED - March 20, 2009

ES FORM 1.00

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CALCULATION OF E(m) and SURCHARGE FACTOR  
 For the Expense Month of April 2008

<u>CALCULATION OF E(m)</u>		REVISED AMOUNT	FILED AMOUNT	DIFFERENCE
E(m) = CRR - BRR				
LINE 1	CRR from ES FORM 3.00	\$3,346,668	\$3,346,668	\$0
LINE 2	Brr from ES FORM 1.10	\$2,095,535	\$2,095,535	\$0
LINE 3	E(m) (LINE 1 - LINE 2)	\$1,251,133	\$1,251,133	\$0
LINE 4	Kentucky Retail Jurisdictional Allocation Factor, from ES FORM 3.30, Schedule of Revenues, LINE 1	64.7%	64.7%	64.7%
LINE 5	KY Retail E(m) (LINE 3 * LINE 4)	\$809,483	\$809,483	\$0
LINE 6	Over/(Under) Recovery Adjustment from ES FORM 3.30	\$90,390	\$90,390	\$0
LINE 7	Net KY Retail E(m) (LINE 5 + LINE 6)	\$899,873	\$899,873	\$0
<u>SURCHARGE FACTOR</u>				
LINE 8	Net KY Retail E(m) (Line 7)	\$899,873	\$899,873	\$0
LINE 9	KY Retail R(m) from ES FORM 3.30	\$34,143,683	\$34,143,683	
LINE 10	Environmental Surcharge Factor for Expense Month (Line 8 / LINE 9)	2.6355%	2.6355%	

Effective Date for Billing: June 2008

Submitted By : \_\_\_\_\_

Title : Director Regulatory Services

Date Submitted : May 19, 2008

REVISED - March 20, 2009  
 ES FORM 3.00

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 For the Expense Month of April 2008

CALCULATION OF CURRENT PERIOD REVENUE REQUIREMENT

LINE NO.	COMPONENTS	REVISED AMOUNT	REVISED AMOUNT	FILED AMOUNT	FILED AMOUNT	DIFFERENCE	DIFFERENCE
1	First Component: Associated with Big Sandy Plant ((RB KP(C)) (ROR KP(C)/12)) + OE KP(C) ES FORM 3.10, Line 20		\$3,305,036			\$3,305,036	\$0
2	Second Component: Associated with Rockport Plant ((RB IM(C)) (ROR IM(C)/12)) + OE IM(C) ES FORM 3.20, Line 12		\$41,705			\$41,705	\$0
	Third Component: Net Proceeds from Emission Allowances Sales AS						
	1) SO2 - EPA Auction Proceeds received during Expense Month	\$0		\$0		\$0	
	2) SO2 - Net Gain or (Loss) from Allowance Sales, in compliance with the AEP Interim Allowance Agreement, received during Expense Month	\$73		\$73		\$0	
	Total Net Proceeds from SO2 Allowances	\$73		\$73		\$0	
	1) NOx - ERC Sales Proceeds, received during Expense Month	\$0		\$0		\$0	
	2) NOx - EPA Auction Proceeds, received during Expense Month	\$0		\$0		\$0	
	3) NOx - Net Gain or Loss from NOx Allowances Sales, received during Expense Month	\$0		\$0		\$0	
	Total Net Proceeds from NOx Allowances	\$0		\$0		\$0	
3	Total Net Gain or (Loss) from Emission Allowance Sales		\$73			\$73	\$0
4	Total Current Period Revenue Requirement, CRR Record on ES FORM 1.00.		\$3,346,668			\$3,346,668	\$0

REVISED - March 20, 2009  
 ES FORM 3.10

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 COSTS ASSOCIATED WITH BIG SANDY

For the Expense Month of April 2008

LINE NO.	COST COMPONENT	REVISED AMOUNT	REVISED AMOUNT	FILED AMOUNT	FILED AMOUNT	DIFFERENCE	DIFFERENCE
1	Return on Rate Base :						
2	Utility Plant at Original Cost	\$191,212,371	\$191,212,371			\$0	
3	Less Accumulated Depreciation	(\$41,066,970)	(\$41,066,970)			\$0	
4	Less Accum. Def. Income Taxes	(\$36,671,155)	(\$36,671,155)			\$0	
5	Net Utility Plant	\$113,474,246	\$113,474,246			\$0	
6	SO2 Emission Allowance Inventory from ES FORM 3.11	\$9,625,291	\$9,625,291			\$0	
7	ECR & NOx Emission Allowance Inventory from ES FORM 3.12	\$0	\$0			\$0	
8	Cash Working Capital Allowance from ES FORM 3.13, Line 12	\$89,962	\$89,962			\$0	
9	Total Rate Base	\$123,189,499	\$123,189,499			\$0	
10	Weighted Average Cost of Capital - ES FORM 3.15	10.15%	10.15%			0.00%	
11	Monthly Weighted Avg. Cost of Capital (9) / 12	0.85%	0.85%			\$0	
12	Monthly Return of Rate Base (9) * (10)	\$1,047,111	\$1,047,111			\$0	
13	Operating Expenses :						
14	Monthly Depreciation Expense	\$576,889	\$576,889			\$0	
15	Monthly Catalytic Amortization Expense	\$46,030	\$46,030			\$0	
16	Monthly Property Taxes	\$14,454	\$14,454			\$0	
17	Monthly Kentucky Air Emissions Fee	\$30,246	\$30,246			\$0	
18	Monthly Environmental AEP Pool Capacity Costs	\$1,336,630	\$1,336,630			\$0	
19	Monthly 2003 Plan Non-Fuel O&M Expenses from ES FORM 3.13	\$59,753	\$59,753			\$0	
20	Monthly SO2 Emission Allowance Consumption	\$193,923	\$193,923			\$0	
21	Monthly ERC & NOx Emission Allowance Consumption	\$0	\$0			\$0	
22	Total Operating Expenses (Line 12 thru Line 16)	\$2,257,925	\$2,257,925			\$0	
23	Total Revenue Requirement - Big Sandy	\$3,305,036	\$3,305,036			\$0	
24	Record on ES FORM 3.00, Line 1						

ES FORM 3.14  
 Page 1 of 11

REVISED - March 20, 2009

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 AEP POOL MONTHLY ENVIRONMENTAL-CAPACITY COSTS

For the Expense Month of April 2008

Line No. (1)	Cost Component (2)	REVISED AMOUNTS			FILED AMOUNTS			DIFFERENCE		
		Ohio Power Company's Environmental Cost to KPCo (3)	Michigan Power Company's Environmental Cost to KPCo (4)	Indiana Power Company's Environmental Cost to KPCo (5)	Ohio Power Company's Environmental Cost to KPCo (6)	Michigan Power Company's Environmental Cost to KPCo (7)	Indiana Power Company's Environmental Cost to KPCo (8)	Ohio Power Company's Environmental Cost to KPCo (9)	Michigan Power Company's Environmental Cost to KPCo (10)	Total (11)
1	Amos Unit No. 3 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 3 of 11, Line 24)	\$51,268			\$51,268			\$0		
2	Cardinal Unit No. 1 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 4 of 11, Line 22)	\$69,578			\$69,578			\$0		
3	Garvin Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 6 of 11, Line 26)	\$509,018			\$509,018			\$0		
4	Kemmer Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 6 of 11, Line 20)	\$3,662			\$3,662			\$0		
5	Michell Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 7 of 11, Line 23)	\$611,554			\$611,554			\$0		
6	Muskingum Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 6 of 11, Line 20)	\$73,240			\$73,240			\$0		
7	Sporn Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 9 of 11, Line 20)	\$10,986			\$10,986			\$0		
8	Rockport Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 10 of 11, Column 5, Line 21)	\$0						\$0		
9	Tennets Creek Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 11 of 11, Line 20)	\$7,324						\$7,324		
10	Total AEP Pool Monthly Environmental Capacity Costs to Kentucky Power	\$1,329,306	\$7,324	\$1,336,630	\$1,329,306	\$7,324	\$1,336,630	\$0	\$0	\$0

Note: Cost in Column 5, Line 10 is to be recorded on ES FORM 3.10, Line 16.

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KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 UNDER FEDERAL ENVIRONMENTAL CAPACITY COSTS  
 WORKING CAPITAL ONLY

For the Expense Month of April 2008

Line No. (1)	Cost Component (2)	REVISED AMOUNTS			FILED AMOUNTS			DIFFERENCE		
		Ohio Power Company's (OPCo) Environmental Cost to KPCo (3)	Michigan Power Company's (M&M) Environmental Cost to KPCo (4)	Total (5)	Ohio Power Company's (OPCo) Environmental Cost to KPCo (6)	Michigan Power Company's (M&M) Environmental Cost to KPCo (7)	Total (8)	Ohio Power Company's (OPCo) Environmental Cost to KPCo (8)	Michigan Power Company's (M&M) Environmental Cost to KPCo (9)	Total (11)
1	Ames Ltd. No. 3 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 3 of 11, Line 16)	\$62,450		\$62,450	\$62,450		\$62,450	\$0		\$0
2	Cardinal Ltd. No. 1 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 4 of 11, Line 12)	\$403,260		\$403,260	\$403,260		\$403,260	\$0		\$0
3	Gavin Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 5 of 11, Line 16)	\$8,181,542		\$8,181,542	\$8,181,189		\$8,181,908	\$30,207		\$0
4	Kemper Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 6 of 11, Line 10)	\$18,180		\$18,180	\$18,189		\$18,908	\$0		\$0
5	Michell Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 7 of 11, Line 13)	\$817,908		\$817,908	\$817,908		\$817,908	\$0		\$0
6	Muskingum Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 8 of 11, Line 10)	\$373,898		\$373,898	\$373,898		\$373,898	\$0		\$0
7	Spoon Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 9 of 11, Line 10)	\$14,415		\$14,415	\$14,415		\$14,415	\$0		\$0
8	Rockport Plant Environmental to Kentucky Power (ES FORM 3.14, Page 10 of 11, Column 3, Line 10)	\$16,925		\$16,925	\$16,925		\$16,925	\$0		\$0
9	Rockport Plant Environmental to Kentucky Power (ES FORM 3.14, Page 10 of 11, Columns 4 & 5, Line 10)	\$0		\$0	\$0		\$0	\$0		\$0
10	Tanners Creek Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 11 of 11, Line 10)	\$16,925		\$16,925	\$16,925		\$16,925	\$0		\$0
11	Subtotal	\$10,871,768	\$31,250	\$10,841,561	\$10,841,561	\$31,250	\$10,841,561	\$30,207	\$0	\$30,207
12	Steam Capacity by Company - OPCo (Column 3) / IBM (Column 4) (rw)	8,418,000	5,108,000	8,418,000	8,418,000	5,108,000	8,418,000	8,418,000	9,108,000	9,108,000
13	Environmental Base (\$/hr)	\$1.29	\$0.01	\$1.29	\$1.29	\$0.01	\$1.29	\$0.00	\$0.00	\$0.00
14	Company Surplus Weighting	92.00%	8.00%	92.00%	92.00%	8.00%	92.00%	92.00%	8.00%	8.00%
15	Portion of Weighted Average Capacity Rate Attributed to Environmental Fixed O&M Costs	\$1.19	\$0.00	\$1.19	\$1.19	\$0.00	\$1.19	\$0.00	\$0.00	\$0.00
16	Kentucky Power Capacity Deficit (rw)	366,200	366,200	366,200	366,200	366,200	366,200	366,200	366,200	366,200
17	Fixed O&M Environmental Cost to Kentucky Power	\$435,778	\$0	\$435,778	\$435,778	\$0	\$435,778	\$0	\$0	\$0

Note: Cost in Column 5, Line 17 is to be recorded on ES FORM 3.13, Line 2.



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ES FORM 3.14  
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KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 OHIO POWER COMPANY (OPCo) - GAVIN PLANT (UNITS 1 & 2)

For the Expense Month of April 2008

LINE NO.	COST	AMOUNTS	AMOUNTS	AMOUNTS
1	Utility Plant at Original Cost	\$257,303,001	\$257,303,001	\$0
2	Member Primary Capacity Investment Rate (16.44% / 12)	1.37%	1.37%	1.37%
3	Total Rate Base	\$3,525,051	\$3,525,051	\$0
4	Operations :			
5	Sludge Disposal (5010000)	\$866,910	\$866,910	\$0
6	Lime (5020001)	\$2,648,113	\$2,648,113	\$0
7	Urea (5020002)	\$480,215	\$480,215	\$0
8	Trona (5020003)	\$328,714	\$328,714	\$0
9	Lime Stone (5020004)	\$0	\$0	\$0
10	Air Emission Fee	\$30,207	\$30,207	\$30,207
11	Lease (5070005)	\$4,355,500	\$4,355,500	\$0
12	Total Operations (Lines 4 thru 10)	\$8,709,659	\$8,679,452	\$30,207
13	Maintenance :			
14	SCR Maintenance (5120000)	\$194,897	\$194,897	\$0
15	Scrubber Maintenance (5120000)	\$748,869	\$748,869	\$0
16	Total Maintenance (12) + (13)	\$943,766	\$943,766	\$0
17	1/2 of Maintenance (13) * 50%	\$471,883	\$471,883	\$0
18	Fixed O&M (11) + (15)	\$9,181,542	\$9,151,335	\$30,207
19	Total Revenue Requirement,			
20	Cost Associated with Gavin Plant (3) + (16)	\$12,708,593	\$12,676,366	\$30,207
21	Ohio Power Company's Percentage Ownership	100.00%	100.00%	100.00%
22	OPCo's Share of Cost Associated with Gavin Plant (17) X (21)	\$12,708,593	\$12,676,366	\$30,207
23	Ohio Power Company Steam Capacity (kw)	8,418,000	8,418,000	8,418,000
24	Gavin Plant (\$/kw)	\$1.51	\$1.51	\$0.00
25	Ohio Power Surplus Weighting	92.00%	92.00%	0.00%
26	Portion of Weighted Average Capacity Rate	\$1.39	\$1.39	\$0.00
27	Attributed to Gavin Plant (\$/kw) (21) X (22)	\$1.39	\$1.39	\$0.00
28	Gavin Plant Costs to Kentucky Power :			
29	Gavin Plant Portion (\$/kw) (23)	366.200	366.200	\$0.00
30	Kentucky Power Capacity Deficit (kw)	\$509,018	\$509,018	\$0.00
31	Gavin Plant Environmental Cost to Kentucky Power (24) * (25)			
32	(ES FORM 3.14, Page 1 of 10, Line 3)			

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ES FORM 1.00

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CALCULATION OF E(m) and SURCHARGE FACTOR  
 For the Expense Month of May 2008

<u>CALCULATION OF E(m)</u>		REVISED AMOUNT	FILED AMOUNT	DIFFERENCE
E(m) = CRR - BRR				
LINE 1	CRR from ES FORM 3.00	\$3,536,330	\$3,536,326	\$4
LINE 2	Brr from ES FORM 1.10	1,514,859	1,514,859	0
LINE 3	E(m) (LINE 1 - LINE 2)	\$2,021,471	\$2,021,467	\$4
LINE 4	Kentucky Retail Jurisdictional Allocation Factor, from ES FORM 3.30, Schedule of Revenues, LINE 1	66.6%	66.6%	66.6%
LINE 5	KY Retail E(m) (LINE 3 * LINE 4)	\$1,346,300	\$1,346,297	\$3
LINE 6	Over/(Under) Recovery Adjustment from ES FORM 3.30	\$47,335	\$47,335	\$0
LINE 7	Net KY Retail E(m) (LINE 5 + LINE 6)	\$1,393,635	\$1,393,632	\$3
<u>SURCHARGE FACTOR</u>				
LINE 8	Net KY Retail E(m) (Line 7)	\$1,393,635	\$1,393,632	\$3
LINE 9	KY Retail R(m) from ES FORM 3.30	\$29,576,964	\$29,576,964	
LINE 10	Environmental Surcharge Factor for Expense Month (Line 8 / LINE 9)	4.7119%	4.7119%	

Effective Date for Billing: July 2008

Submitted By : \_\_\_\_\_

Title : Director Regulatory Services

Date Submitted : \_\_\_\_\_

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ES FORM 3.00

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 For the Expense Month of May 2008

CALCULATION OF CURRENT PERIOD REVENUE REQUIREMENT

LINE NO.	COMPONENTS	REVISED AMOUNT	REVISED AMOUNT	FILED AMOUNT	FILED AMOUNT	DIFFERENCE	DIFFERENCE
1	First Component: Associated with Big Sandy Plant ((RB KP(C)) (ROB KP(C)/12)) + OE KP(C) ES FORM 3.10, Line 20		\$3,504,715			\$3,504,711	\$4
2	Second Component: Associated with Rockport Plant (((RB IM(C)) (ROB IM(C)/12)) + OE IM(C)) ES FORM 3.20, Line 12		\$43,462			\$43,462	\$0
	Third Component: Net Proceeds from Emission Allowances Sales AS						
	1) SO2 - EPA Auction Proceeds received during Expense Month	\$0		\$0			\$0
	2) SO2 - Net Gain or (Loss) from Allowance Sales, in compliance with the AEP Interim Allowance Agreement, received during Expense Month	\$11,867		\$11,867			\$0
	Total Net Proceeds from SO2 Allowances	\$11,867		\$11,867			\$0
	1) NOx - ERC Sales Proceeds, received during Expense Month	\$0		\$0			\$0
	2) NOx - EPA Auction Proceeds, received during Expense Month	\$0		\$0			\$0
	3) NOx - Net Gain or Loss from NOx Allowances Sales, received during Expense Month	\$0		\$0			\$0
	Total Net Proceeds from NOx Allowances	\$0		\$0			\$0
3	Total Net Gain or (Loss) from Emission Allowance Sales		\$11,867			\$11,867	\$0
4	Total Current Period Revenue Requirement, CRR Record on ES FORM 1.00.		\$3,536,330			\$3,536,326	\$4

ES FORM 3.10

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KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 COSTS ASSOCIATED WITH BIG SANDY

For the Expense Month of May 2008

LINE NO.	COST COMPONENT					
1	Utility Plant at Original Cost	\$191,212,371				\$0
2	Less Accumulated Depreciation	(\$41,689,889)				\$0
3	Less Accum. Def. Income Taxes	(\$36,952,086)				\$0
4	Net Utility Plant	\$112,570,396	\$112,570,396			\$0
5	SO2 Emission Allowance Inventory from ES FORM 3.11	\$9,557,907	\$9,557,907			\$0
6	ECR & NOx Emission Allowance Inventory from ES FORM 3.12	\$0	\$0			\$0
7	Cash Working Capital Allowance from ES FORM 3.13, Line 12	\$115,927	\$115,927			\$458
8	Total Rate Base	\$122,244,230	\$122,244,230			\$458
9	Weighted Average Cost of Capital - ES FORM 3.15			10.15%		
10	Monthly Weighted Avg. Cost of Capital (9) / 12					0.85%
11	Monthly Return of Rate Base (8) * (10)					\$4
	Operating Expenses :					
12	Monthly Depreciation Expense	\$1,039,076	\$1,039,076			\$0
13	Monthly Catalyst Amortization Expense	\$576,889	\$576,889			\$0
14	Monthly Property Taxes	\$46,030	\$46,030			\$0
15	Monthly Kentucky Air Emissions Fee	\$14,454	\$14,454			\$0
16	Monthly Environmental AEP Pool Capacity Costs from ES FORM 3.14, Page 1 of 11, Column 5, Line 10	\$30,246	\$30,246			\$0
17	Monthly 2003 Plan Non-Fuel O&M Expenses from ES FORM 3.13	\$1,483,110	\$1,483,110			\$0
18	Monthly SO2 Emission Allowance Consumption	\$248,172	\$248,172			\$0
19	Monthly ERC & NOx Emission Allowance Consumption	\$66,738	\$66,738			\$0
20	Total Operating Expenses [Line 12 thru Line 18]	\$0	\$0			\$0
21	Total Revenue Requirement - Big Sandy Record on ES FORM 3.00, Line 1	\$2,465,639	\$2,465,639			\$0
		\$3,504,715	\$3,504,715			\$4

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ES FORM 3.13

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT

For the Expense Month of May 2008

LINE NO.	O&M Expenses	REVISED AMOUNT	REVISED AMOUNT	FILED AMOUNT	FILED AMOUNT	DIFFERENCE
1	<b>1997 Plan :</b> Monthly Kentucky Air Emissions Fee	\$30,246		\$30,246		
2	Total Monthly AEP Pool	\$582,258		\$578,596		
3	Environmental Capacity Costs	\$66,738		\$66,738		
4	Monthly SO2 Allowance Consumption Total 1997 Plan O&M Expenses		\$679,242		\$676,580	\$3,662
5	<b>2003 Plan :</b> Monthly Variable Cladding at Big Sandy Unit 1	\$0		\$0		
6	Monthly Urea Consumption at Big Sandy Unit 2	\$0		\$0		
7	Monthly Catalyst Replacement at Big Sandy Unit 2	\$0		\$0		
8	Monthly ERC & NOx Allowance Consumption	\$0		\$0		
9	Equipment - Associated Operating Expenses	\$0		\$0		
10	Equipment - Associated Maintenance Expenses	\$0		\$0		
11	Total 2003 Plan O&M Expenses	\$248,172	\$248,172	\$248,172	\$248,172	\$0
12	Total Monthly O&M Expenses	\$927,414	\$927,414	\$923,752	\$923,752	\$3,662
13	Cash Working Capital Allowance ( Line 12 X 1/8 )		\$115,927		\$115,469	\$458

Total Cost at Line 11 is to be recorded on ES FORM 3.10, Line 7.

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KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 AEP POOL MONTHLY ENVIRONMENTAL CAPACITY COSTS

For the Expense Month of May 2008

Line No. (1)	Cost Component (2)	REVISED AMOUNTS		FILED AMOUNTS		DIFFERENCE	
		Ohio Power Company's Environmental Cost to KPCo (3)	Indiana Michigan Power Company's Environmental Cost to KPCo (4)	Ohio Power Company's Environmental Cost to KPCo (6)	Indiana Michigan Power Company's Environmental Cost to KPCo (7)	Ohio Power Company's Environmental Cost to KPCo (8)	Indiana Michigan Power Company's Environmental Cost to KPCo (10)
1	Ames Unit No. 3 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 3 of 11, Line 24)	\$62,254		\$62,254		\$0	
2	Cardinal Unit No. 1 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 4 of 11, Line 22)	\$76,802		\$76,802		\$0	
3	Gavin Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 5 of 11, Line 25)	\$626,202		\$626,202		\$0	
4	Kammer Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 6 of 11, Line 20)	\$3,662		\$3,662		\$0	
5	Milched Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 7 of 11, Line 23)	\$629,864		\$629,864		\$0	
6	Muskingum Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 8 of 11, Line 20)	\$65,916		\$65,916		\$0	
7	Spartan Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 9 of 11, Line 20)	\$10,986		\$10,986		\$0	
8	Rockport Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 10 of 11, Column 6, Line 21)		\$0		\$0		\$0
8	Tammes Creek Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 11 of 11, Line 20)		\$7,324		\$7,324		\$0
10	Total AEP Pool Monthly Environmental Capacity Costs to Kentucky Power	\$1,476,786	\$7,324	\$1,476,786	\$7,324	\$1,483,110	\$1,483,110

Note: Cost in Column 5, Line 10 is to be recorded on ES FORM 3.10, Line 16.

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KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 AEP POOL MONTHLY ENVIRONMENTAL CAPACITY COSTS  
 WORKING CAPITAL ONLY

For the Expense Month of May 2008

Line No. (1)	Cost Component (2)	REVISED AMOUNTS		FILED AMOUNTS		DIFFERENCE	
		Ohio Power Company's (OPCo) Environmental Cost to KPCo (3)	Michigan Power Company's (M&M) Environmental Cost to KPCo (4)	Ohio Power Company's (OPCo) Environmental Cost to KPCo (6)	Michigan Power Company's (M&M) Environmental Cost to KPCo (7)	Ohio Power Company's (OPCo) Environmental Cost to KPCo (8)	Michigan Power Company's (M&M) Environmental Cost to KPCo (10)
1	Area Unit No. 3 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 3 of 11, Line 16)	\$378,914		\$378,914		\$0	
2	Cadwall Unit No. 1 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 4 of 11, Line 12)	\$544,938		\$544,938		\$0	
3	Gavin Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 5 of 11, Line 16)	\$12,169,265		\$12,130,058		\$39,207	
4	Kammer Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 9 of 11, Line 10)	\$18,169		\$18,169		\$0	
5	Michell Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 7 of 11, Line 13)	\$1,223,024		\$1,223,024		\$0	
6	Muskingum Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 8 of 11, Line 10)	\$207,038		\$207,038		\$0	
7	Sporn Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 9 of 11, Line 10)	\$14,415		\$14,415		\$0	
8	Rockport Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 10 of 11, Column 3, Line 10)		\$15,925		\$15,925		\$0
9	Rockport Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 10 of 11, Columns 4 & 5, Line 10)		\$0		\$0		\$0
10	Tanners Creek Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 11 of 11, Line 10)		\$15,925		\$15,925		\$0
11	Subtotal	\$14,547,481	\$31,250	\$14,917,274	\$31,250	\$30,207	\$0
12	Steam Capacity By Company - OPCo (Column 3) / I&M (Column 4) (kw)	8,418,000	5,108,000	8,418,000	5,108,000	8,418,000	5,108,000
13	Environmental Base (\$/kw)	\$1.73	\$0.01	\$1.72	\$0.01	\$0.00	\$0.00
14	Company Surplus Weighting	92.00%	8.00%	92.00%	8.00%	92.00%	8.00%
15	Portion of Weighted Average Capacity Rate Attributed to Environmental Fixed O&M Costs	\$1.69	\$0.00	\$1.68	\$0.00	\$0.00	\$0.00
16	Kentucky Power Capacity Deficit (kw)	366,200	366,200	366,200	366,200	366,200	366,200
17	Fixed O&M Environmental Cost to Kentucky Power	\$592,250	\$0	\$578,608	\$0	\$0	\$0
				\$592,258		\$578,608	
						\$0	\$3,652
							\$3,652

Note: Cost in Column 5, Line 17 is to be recorded on ES FORM 3.13, Line 2.

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 ES FORM 3.14  
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KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 OHIO POWER COMPANY (OPCo) - GAVIN PLANT (UNITS 1 & 2)

For the Expense Month of May 2008

LINE NO.	COST	REVISED AMOUNTS	FILED AMOUNTS	DIFFERENCE
1	Utility Plant at Original Cost	\$257,303,001	\$257,303,001	\$0
2	Member Primary Capacity Investment Rate (16.44% / 12)	1.37%	1.37%	0.00%
3	Total Rate Base	\$3,525,051	\$3,525,051	\$0
4	Operations :			
5	Sludge Disposal (5010000)	\$622,608	\$622,608	\$0
6	Lime (5020001)	\$4,586,443	\$4,586,443	\$0
7	Urea (5020002)	\$1,802,614	\$1,802,614	\$0
8	Trona (5020003)	\$530,208	\$530,208	\$0
9	Lime Stone (5020004)	\$0	\$0	\$0
10	Air Emission Fee	\$30,207	\$0	\$30,207
11	Lease (5070005)	\$4,355,500	\$4,355,500	\$0
	Total Operations (Lines 4 thru 10)	\$11,927,578	\$11,927,578	\$0
	Maintenance :			
12	SCR Maintenance (5120000)	\$42,715	\$42,715	\$0
13	Scrubber Maintenance (5120000)	\$422,659	\$422,659	\$0
14	Total Maintenance (12) + (13)	\$465,374	\$465,374	\$0
15	1/2 of Maintenance (13) * 50%	\$232,687	\$232,687	\$0
16	Fixed O&M (11) + (15)	\$12,160,265	\$12,130,058	\$30,207
	Total Revenue Requirement,			
17	Cost Associated with Gavin Plant (3) + (16)	\$15,685,316	\$15,655,109	\$30,207
18	Ohio Power Company's Percentage Ownership	100.00%	100.00%	0.00%
19	OPCo's Share of Cost Associated with Gavin Plant (17) X (18)	\$15,685,316	\$15,655,109	\$30,207
20	Ohio Power Company Steam Capacity (kw)	8,418,000	8,418,000	\$0
21	Gavin Plant (\$/kw)	\$1.86	\$1.86	\$0.00
22	Ohio Power Surplus Weighting	92.00%	92.00%	0.00%
23	Portion of Weighted Average Capacity Rate	\$1.71	\$1.71	\$0.00
	Attributed to Gavin Plant (\$/kw) (21) X (22)			
	Gavin Plant Costs to Kentucky Power :			
24	Gavin Plant Portion (\$/kw) (23)	\$1.71	\$1.71	\$0.00
25	Kentucky Power Capacity Deficit (kw)	366,200	366,200	\$0.00
	Gavin Plant Environmental Cost to Kentucky Power (24) * (25)			
26	(ES FORM 3.14, Page 1 of 10, Line 3)	\$626,202	\$626,202	\$0



REVISED - March 20, 2009

ES FORM 1.00

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CALCULATION OF E(m) and SURCHARGE FACTOR  
 For the Expense Month of June 2008

<u>CALCULATION OF E(m)</u>		REVISED AMOUNT	FILED AMOUNT	DIFFERENCE
E(m) = CRR - BRR				
LINE 1	CRR from ES FORM 3.00	\$3,909,543	\$3,909,543	\$0
LINE 2	Brr from ES FORM 1.10	1,913,578	1,913,578	0
LINE 3	E(m) (LINE 1 - LINE 2)	\$1,995,965	\$1,995,965	\$0
LINE 4	Kentucky Retail Jurisdictional Allocation Factor, from ES FORM 3.30, Schedule of Revenues, LINE 1	64.4%	64.4%	64.4%
LINE 5	KY Retail E(m) (LINE 3 * LINE 4)	\$1,285,402	\$1,285,402	\$0
LINE 6	(Over)/Under Recovery Adjustment from ES FORM 3.30	\$80,405	\$80,405	\$0
LINE 7	Net KY Retail E(m) (LINE 5 + LINE 6)	\$1,365,807	\$1,365,807	\$0
<u>SURCHARGE FACTOR</u>				
LINE 8	Net KY Retail E(m) (Line 7)	\$1,365,807	\$1,365,807	\$0
LINE 9	KY Retail R(m) from ES FORM 3.30	\$36,481,372	\$36,481,372	
LINE 10	Environmental Surcharge Factor for Expense Month (Line 8 / LINE 9)	3.7438%	3.7438%	

Effective Date for Billing: August 2008

Submitted By : \_\_\_\_\_

Title : Director Regulatory Services

Date Submitted : July 18, 2008

REVISED - March 20, 2009

ES FORM 3.00

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 For the Expense Month of June 2008

CALCULATION OF CURRENT PERIOD REVENUE REQUIREMENT

LINE NO.	COMPONENTS	REVISED AMOUNT	REVISED AMOUNT	FILED AMOUNT	FILED AMOUNT	DIFFERENCE	DIFFERENCE
1	First Component: Associated with Big Sandy Plant (RB KP(C)) (ROR KP(C)/12) + OE KP(C) ES FORM 3.10, Line 20	\$3,864,965	\$3,864,965		\$3,864,965		\$0
2	Second Component: Associated with Rockport Plant ((RB IM(C)) (ROR IM(C)/12) + OE IM(C) ES FORM 3.20, Line 12	\$44,578	\$44,578		\$44,578		\$0
	Third Component: Net Proceeds from Emission Allowances Sales AS						
	1) SO2 - EPA Auction Proceeds received during Expense Month		\$0	\$0		\$0	
	2) SO2 - Net Gain or (Loss) from Allowance Sales, in compliance with the AEP Interim Allowance Agreement, received during Expense Month		\$0	\$0		\$0	
	Total Net Proceeds from SO2 Allowances		\$0	\$0		\$0	
	1) NOx - ERC Sales Proceeds, received during Expense Month		\$0	\$0		\$0	
	2) NOx - EPA Auction Proceeds, received during Expense Month		\$0	\$0		\$0	
	3) NOx - Net Gain or Loss from NOx Allowances Sales, received during Expense Month		\$0	\$0		\$0	
	Total Net Proceeds from NOx Allowances		\$0	\$0		\$0	
3	Total Net Gain or (Loss) from Emission Allowance Sales	\$0	\$0		\$0		\$0
4	Total Current Period Revenue Requirement, CRR Record on ES FORM 1.00.	\$3,909,543	\$3,909,543		\$3,909,543		\$0

REVISED - March 20, 2009

ES FORM 3.10

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 COSTS ASSOCIATED WITH BIG SANDY

For the Expense Month of June 2008

LINE NO.	COST COMPONENT	REVISED AMOUNT	REVISED AMOUNT	FILED AMOUNT	FILED AMOUNT	DIFFERENCE	DIFFERENCE
1	Utility Plant at Original Cost		\$191,212,371		\$191,212,371		\$0
2	Less Accumulated Depreciation		(\$42,312,809)		(\$42,312,809)		\$0
3	Less Accum. Def. Income Taxes		(\$37,233,026)		(\$37,233,026)		\$0
4	Net Utility Plant			\$111,666,537			\$0
5	SO2 Emission Allowance Inventory from ES FORM 3.11		\$9,415,691		\$9,415,691		\$0
6	ECR & NOx Emission Allowance Inventory from ES FORM 3.12		\$0		\$0		\$0
7	Cash Working Capital Allowance from ES FORM 3.13, Line 12		\$162,021		\$162,021		\$0
8	Total Rate Base		\$121,244,249		\$121,244,249		\$0
9	Weighted Average Cost of Capital - ES FORM 3.15			10.15%			
10	Monthly Weighted Avg. Cost of Capital (9) / 12						0.85%
11	Monthly Return of Rate Base (9) * (10)		\$1,030,576		\$1,030,576		\$0
	Operating Expenses :						
12	Monthly Depreciation Expense		\$576,889		\$576,889		\$0
13	Monthly Catalytic Amortization Expense		\$46,030		\$46,030		\$0
14	Monthly Property Taxes		\$14,454		\$14,454		\$0
15	Monthly Kentucky Air Emissions Fee		\$30,246		\$30,246		\$0
16	Monthly Environmental AEP Pool Capacity Costs from ES FORM 3.14, Page 1 of 11, Column 5, Line 10		\$1,439,166		\$1,439,166		\$0
17	Monthly 2003 Plan Non-Fuel O&M Expenses from ES FORM 3.13		\$585,389		\$585,389		\$0
18	Monthly SO2 Emission Allowance Consumption		\$142,215		\$142,215		\$0
19	Monthly ERC & NOx Emission Allowance Consumption		\$0		\$0		\$0
20	Total Operating Expenses (Line 12 thru Line 18)		\$2,834,389		\$2,834,389		\$0
21	Total Revenue Requirement - Big Sandy Record on ES FORM 3.00, Line 1		\$3,864,965		\$3,864,965		\$0

REVISED - March 20, 2009

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 AEP POOL MONTHLY ENVIRONMENTAL CAPACITY COSTS

For the Expense Month of June 2008

Line No.	Cost Component	REVISED AMOUNTS			FILED AMOUNTS			DIFFERENCE		
		Ohio Power Company's Environmental Cost to KPCo (3)	Michigan Power Company's Environmental Cost to KPCo (4)	Indiana Power Company's Environmental Cost to KPCo (5)	Ohio Power Company's Environmental Cost to KPCo (6)	Michigan Power Company's Environmental Cost to KPCo (7)	Indiana Power Company's Environmental Cost to KPCo (8)	Ohio Power Company's Environmental Cost to KPCo (9)	Michigan Power Company's Environmental Cost to KPCo (10)	Indiana Power Company's Environmental Cost to KPCo (11)
1	Anna Unit No. 3 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 3 of 11, Line 24)	\$62,264			\$62,264			\$0		
2	Cardinal Unit No. 1 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 4 of 11, Line 22)	\$80,564			\$80,564			\$0		
3	Gavin Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 5 of 11, Line 28)	\$571,272			\$571,272			\$0		
4	Kammer Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 6 of 11, Line 20)	\$3,662			\$3,662			\$0		
5	Michal Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 7 of 11, Line 23)	\$629,864			\$629,864			\$0		
6	Muskingum Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 8 of 11, Line 20)	\$73,240			\$73,240			\$0		
7	Sporn Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 9 of 11, Line 20)	\$10,988			\$10,988			\$0		
8	Rockport Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 10 of 11, Column 5, Line 21)		\$0			\$0		\$0		
9	Tenners Creek Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 11 of 11, Line 20)		\$7,324			\$7,324		\$0		
10	Total AEP Pool Monthly Environmental Capacity Costs to Kentucky Power	\$1,431,842	\$7,324	\$1,439,166	\$1,431,842	\$7,324	\$1,439,166	\$0	\$0	\$0

Note: Cost in Column 5, Line 10 is to be recorded on ES FORM 3.10, Line 16.

REVISED - March 20, 2009

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 AEP POOL MONTHLY ENVIRONMENTAL CAPACITY COSTS  
 WORKING CAPITAL ONLY

For the Expense Month of June 2009

Line No. (1)	Cost Component (2)	REVISED AMOUNTS		FILED AMOUNTS		DIFFERENCE				
		Ohio Power Company's (OPCo) Environmental Cost to KPCCo (3)	Michigan Power Company's (MPCo) Environmental Cost to KPCCo (4)	Ohio Power Company's (OPCo) Environmental Cost to KPCCo (6)	Michigan Power Company's (MPCo) Environmental Cost to KPCCo (7)	Ohio Power Company's (OPCo) Environmental Cost to KPCCo (8)	Michigan Power Company's (MPCo) Environmental Cost to KPCCo (10)	Total (9)	Total (11)	
1	Area Unit No. 3 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 3 of 11, Line 16)	\$359,393		\$359,393		\$0		\$0		\$0
2	Cardinal Unit No. 1 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 4 of 11, Line 12)	\$892,531		\$892,531		\$0		\$0		\$0
3	Gavin Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 5 of 11, Line 16)	\$10,803,844		\$10,773,737		\$30,207		\$30,207		\$30,207
4	Kammer Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 6 of 11, Line 10)	\$18,188		\$18,188		\$0		\$0		\$0
5	Michell Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 7 of 11, Line 13)	\$1,278,733		\$1,278,733		\$0		\$0		\$0
6	Muskingum Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 8 of 11, Line 10)	\$350,885		\$350,885		\$0		\$0		\$0
7	Sporn Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 9 of 11, Line 10)	\$14,416		\$14,416		\$0		\$0		\$0
8	Keokuk Plant Environmental to Kentucky Power (ES FORM 3.14, Page 10 of 11, Column 3, Line 10)		\$15,825		\$15,825		\$15,825		\$15,825	\$0
9	Rockport Plant Environmental to Kentucky Power (ES FORM 3.14, Page 10 of 11, Columns 4 & 5, Line 10)		\$0		\$0		\$0		\$0	\$0
10	Tennessee Creek Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 11 of 11, Line 10)		\$18,825		\$18,825		\$18,825		\$18,825	\$0
11	Subtotal	\$13,468,180	\$31,250	\$13,467,953	\$31,250	\$30,207	\$5,108,000	\$5,108,000	\$5,108,000	\$0
12	Steam Capacity By Company - OPCCo (Column 3) / (RM (Column 4) (row)	8,418,000	5,108,000	8,418,000	5,108,000	8,418,000	5,108,000	8,418,000	5,108,000	\$0
13	Environmental Base (\$/hr)	\$1.80	\$0.01	\$1.80	\$0.01	\$1.80	\$0.01	\$1.80	\$0.01	\$0.00
14	Company Surplus Weighting	82.00%	8.00%	82.00%	8.00%	82.00%	8.00%	82.00%	8.00%	8.00%
15	Portion of Weighted Average Capacity Rate Attributed to Environmental Fixed O&M Costs	\$1.47	\$0.00	\$1.47	\$0.00	\$1.47	\$0.00	\$1.47	\$0.00	\$0.00
16	Kentucky Power Capacity Deficit (row)	368,200	368,200	368,200	368,200	368,200	368,200	368,200	368,200	368,200
17	Fixed O&M Environmental Cost to Kentucky Power	\$638,314	\$0	\$538,314	\$0	\$538,314	\$0	\$538,314	\$0	\$0

Note: Cost in Column 5, Line 17 is to be recorded on ES FORM 3.13, Line 2.

REVISED - March 20, 2009

ES FORM 3.14  
 Page 5 of 11

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 OHIO POWER COMPANY (OPCo) - GAVIN PLANT (UNITS 1 & 2)

For the Expense Month of June 2008

LINE NO.	COST	REVISED AMOUNT	FILED AMOUNTS	DIFFERENCE
1	Utility Plant at Original Cost	\$257,303,001	\$257,303,001	\$0
2	Member Primary Capacity Investment Rate (16.44% / 12)	1.37%	1.37%	1.37%
3	Total Rate Base	\$3,525,051	\$3,525,051	\$0
4	Operations :			
5	Sludge Disposal (5010000)	\$947,231	\$947,231	\$0
6	Lime (5020001)	\$3,025,326	\$3,025,326	\$0
7	Urea (5020002)	\$1,892,743	\$1,892,743	\$0
8	Trona (5020003)	\$343,862	\$343,862	\$0
9	Lime Stone (5020004)	\$0	\$0	\$0
10	Air Emission Fee	\$30,207	\$0	\$30,207
11	Lease (5070005)	\$4,355,500	\$4,355,500	\$0
	Total Operations (Lines 4 thru 10)	\$10,594,859	\$10,564,652	\$30,207
	Maintenance :			
12	SCR Maintenance (5120000)	\$31,273	\$31,273	\$0
13	Scrubber Maintenance (5120000)	\$386,897	\$386,897	\$0
14	Total Maintenance (12) + (13)	\$418,170	\$418,170	\$0
15	1/2 of Maintenance (13) * 50%	\$209,085	\$209,085	\$0
16	Fixed O&M (11) + (15)	\$10,803,944	\$10,773,737	\$30,207
	Total Revenue Requirement,			
17	Cost Associated with Gavin Plant (3) + (16)	\$14,328,995	\$14,298,788	\$30,207
18	Ohio Power Company's Percentage Ownership	100.00%	100.00%	100.00%
19	OPCo's Share of Cost Associated with Gavin Plant (17) X (18)	\$14,328,995	\$14,298,788	\$30,207
20	Ohio Power Company Steam Capacity (kw)	8,418,000	8,418,000	8,418,000
21	Gavin Plant (\$/kw)	\$1.70	\$1.70	\$0.00
22	Ohio Power Surplus Weighing	92.00%	92.00%	92.00%
23	Portion of Weighted Average Capacity Rate			
	Attributed to Gavin Plant (\$/kw) (21) X (22)	\$1.56	\$1.56	\$0.00
	Gavin Plant Costs to Kentucky Power :			
24	Gavin Plant Portion (\$/kw) (23)	\$1.56	\$1.56	\$0.00
25	Kentucky Power Capacity Deficit (kw)	366,200	366,200	366,200
	Gavin Plant Environmental Cost to Kentucky Power (24) * (25)	\$571,272	\$571,272	\$0
26	(ES FORM 3.14, Page 1 of 10, Line 3)			



**Kentucky Power Company**

**REQUEST**

The net gain or loss from sulfur dioxide ("SO<sub>2</sub>") and nitrogen oxide ("NO<sub>x</sub>") emission allowance sales are reported on ES Form 3.00, calculation of Current Period Revenue Requirement, Third Component. For each expense month covered by the applicable billing period, provide an explanation of how the gain or loss reported in the expense month was calculated and describe the transaction(s) that was the source of the gain or loss.

**RESPONSE**

We calculate the gain or losses on all allowances sales using this standard formula:

Sales Proceeds - Weighted Average Costs of Allowances Sold - Broker Fees + or - Option Premiums = Net Gain or Loss.

Any reported gains or losses are a result of selling SO<sub>2</sub> or NO<sub>x</sub> allowances from our compliance inventory to external counter-parties.

**WITNESS:** Errol K. Wagner





**Kentucky Power Company**

**REQUEST**

Refer to ES Form 3.13, the Operation and Maintenance Expense summary, Line 10, Equipment - Associated Maintenance Expenses. Explain the primary reasons(s) for the fluctuations in these maintenance expenses during the six expense months that make up each of the three review periods.

**RESPONSE**

The primary reasons for the fluctuations in these maintenance expenses incurred was the worked performed on the SCR Boiler Outlet Ductwork and the SCR North and South Booster Fans during the three review periods. Of the \$1.3M of total maintenance performed, \$0.867M or 67% pertained to the maintenance performed on the SCR Boiler Outlet Ductwork and SCR North and South Booster Fans.

Please see Page 2 of this response for further explanation of the maintenance costs.

**WITNESS:** Errol K Wagner

Line No.	Month	Year	Amount	Description
<b>Billing Period from July 2007 through December 2007</b>				
1	May	2007	\$27,015.76	(1) Normal Operations of the SCR, (2) Repaired AOD gas flow monitors, (3) Repaired steam line vent to AOD, (4) Repairs to North & South stack inlet & outlet duct NOx monitors, (5) Unplugged the North & South booster fans instrument line, (6) Replaced packing on SCR bypass inlet damper shaft and (7) Repaired SCR ductwork from reactor outlet to air heater.
2	June	2007	\$139,590.08	(1) Normal Operations of the SCR, (2) Replace belt on air mover at the AOD building, (3) Inspected & repaired all SCR acoustic horns, (4) Service man to inspect and supervise repairs to the North & South booster fans, (5) Repair to the Right & Left stack monitors, (6) Unplugged the North & South booster fans instrument lines and (7) Install dust deflectors over SCR EJ20 return duct is wearing from flyash erosion.
3	July	2007	\$31,857.88	(1) Normal Operations of SCR, (2) Repaired SCR ammonia leak at supply line just before the safety relief valve, (3) Repairs to #59 sonic horn, (4) Repairs to the North Booster fan operator done by Auma Actuators, Inc., (5) Annual inspection and repairs to the #1 SCR lay-up fan, (6) Repaired seal air to RX1 SCR damper and (7) Inspected and repaired the SCR inlet duct to reactor.
4	August	2007	\$6,390.66	(1) Normal Operations of the SCR, (2) Repaired SCR ammonia leak at supply line just before the safety relief valve, (3) Replaced stuck solenoid on the on acoustic horn, (4) Replaced SCR horn on #21 reactor 3rd row down, 3rd from south and (5) Very little maintenance activities.
5	September	2007	\$18,489.67	(1) Normal Operation of the SCR, (2) Repaired leak from hotwell discharge to the AOD - replaced valve, (3) Replaced input module on the hydrolyzer, (4) Replaced drive on #58 acoustic horn and (5) Replaced control card on the South Booster Fan, work done by Auma Actuators, Inc.
6	October	2007	\$13,697.70	(1) SCR not in Operation, (2) Late billing charges for the month of September 2007 for additional operation overtime during the ozone season, (3) Repairs to SCR NOx monitors, (4) Repairs to SCR #1 reactor damper and (5) Very little maintenance activities.
<b>Billing Period from January 2008 through June 2008</b>				
7	November	2007	\$35,748.49	(1) SCR not in Operation, (2) Sent AOD cooler coils out for repairs, (3) Purchased three booster fan blades in order to make a complete set and (4) Very little maintenance activities.
8	December	2007	\$10,377.90	(1) SCR not in Operation, (2) Replaced drive on SCR acoustic horn, (3) State Electric Supply Co. Inc. field representative supervised repairs of the layout air fan that would not start and (4) Repairs to CEMS dilution probes and probe controllers.
9	January	2008	\$123,783.37	(1) SCR not in Operation, (2) Replaced six drivers on acoustic horns, (3) Routine inspection and repairs to the North Booster Fan and (4) Repair to CEMS inlet and Outlet dilution probes.
10	February	2008	\$21,364.89	(1) SCR not in Operation, (2) North American Industrial Services cleaned AOD tanks and coils, (3) Routine inspection and repairs to the North Booster Fan and (4) Repairs to CEMS inlet dilution probes.
11	March	2008	\$54,151.70	(1) SCR not in Operation, (2) Annual Outage AOD safety valve inspection by Precision Pump and Valve Service, (3) Annual outage ammonia sensor calibration, (4) Annual outage routine inspection of the North & South Booster fans by service man with Howden Buffalo, Inc. and (5) Repairs to the SCR bypass dampers.
12	April	2008	\$59,752.86	(1) SCR not in Operation, (2) Annual Outage AOD safety valve inspection by Precision Pump and Valve Service, (3) Annual outage ammonia sensor calibration (4) Inspection and repairs of the SCR outlet dampers and (5) Inspection and greasing of bearings, repack shafts, damper blade linkage and stroking dampers.
<b>Billing Period from July 2008 through December 2008</b>				
13	May	2008	\$248,172.20	(1) Unit 2 Annual Outage preparing for SCR year around operation, (2) Howden Buffalo, Inc. service man for the N&S booster fans, (3) Repairs to the inlet and outlet SCR reactor and (4) Repairs to the SCR Outlet duct work to air heater.
14	June	2008	\$287,942.49	(1) Unit 2 Annual Outage preparing for SCR year around operation, (2) Howden Buffalo, Inc. service man for the N&S booster fans, (3) Repairs to the inlet and outlet SCR reactor and (4) Repairs to the SCR Outlet duct work to air heater.
15	July	2008	\$122,661.36	(1) Normal Operations of the SCR (2) Repairs to the SCR Outlet duct work to air heater (charges carried over from June)
16	August	2008	\$15,729.35	Normal Operation very little maintenance activity
17	September	2008	\$28,186.45	Normal Operation
18	October	2008	\$34,935.74	Normal Operation
19	Total		\$1,279,848.55	
			\$570,906.60	SCR Boiler Outlet Ductwork
			\$296,029.39	SCR North & South Booster Fans
			<u>\$866,935.99</u>	Total
			67.74%	Percentage of Total Maintenance Costs



## Kentucky Power Company

### REQUEST

Billing Period from July 1, 2007 through December 31, 2007

Refer to ES Form 3.11, SO2 Emission Allowance Inventory, for the December 2007 expense month.

- a. Describe the type of transaction reported as "Withdrawals-Intercompany Sales"
- b. Explain how the sales price per allowance was determined for these sales.

### RESPONSE

a) "Withdrawals - Intercompany Sales" represent transfers of 2,566 SO2 Emission allowances pursuant to Section 4.2 of the FERC Approved Interim Allowance Agreement - Modification No. 1 (IAA). This section of the IAA mandates that each of the AEP East Operating Companies will own their MLR share of the December 31 allowance bank.

b) These sales are based on KPCo's average allowance inventory cost of \$20.91. This is pursuant to Section 4.2 of the Interim Allowance Agreement.

**WITNESS:** Errol K. Wagner



## **Kentucky Power Company**

### **REQUEST**

Refer to ES Form 3.12, ECR and NOX Emission Allowance Inventory, for July and October, 2007 expense months. Explain why Kentucky Power reported receiving "EPA Allowances" in these expense months.

### **RESPONSE**

Kentucky Power Company uses an Allowance Management System (AMS) to manage its allowance inventory. July and October 2007 were the expense months in which these allowances were recorded in the AMS.

**WITNESS:** Errol K. Wagner





**Kentucky Power Company**

**REQUEST**

Refer to ES Form 3.13, the Operation and Maintenance Expense Summary, Line 9, Equipment - Associated Operating Expenses. Explain the primary reason(s) for the fluctuations in the operating expenses for each expense month in this review period.

**RESPONSE**

The primary reason for the fluctuations in operating expenses in this review period is the SCR Operator Overtime required during the Ozone Season. Please see Page 2 of this response.

**WITNESS:** Errol K Wagner

Line No.	Month	Year	Amount 1/
Billing Period from July 2007 through December 2007			
1	May	2007	\$1,059.12
2	June	2007	\$11,780.91
3	July	2007	\$18,245.64
4	August	2007	\$17,787.54
5	September	2007	\$14,554.66
6	October	2007	\$7,329.39
7	Total		\$70,757.26

1/ Amount of Operator Overtime required  
during the Ozone Season.



**Kentucky Power Company**

**REQUEST**

Billing Period from January 1, 2008 through June 30, 2008

Refer to ES Form 3.12, ECR and NOX Emission Allowance Inventory, for May, 2008 expense months. Explain why Kentucky Power reported receiving "EPA Allowances" in this expense month.

**RESPONSE**

May 2008 was the monthly filing in which these 2009-2014 allowances were recorded in the Allowance Management System (AMS).

**WITNESS:** Errol K Wagner



## **Kentucky Power Company**

### **REQUEST**

Billing Period from July 1, 2008 through December 31, 2008

Refer to ES Form 3.11, SO2 Emission Allowance Inventory, for the November 2008 expense month.

- a. Describe the type of transaction reported as "Addition - Other."
- b. Explain how the sales price per allowance was determined for this amount.

### **RESPONSE**

- a. Kentucky Power Company entered into an agreement to swap (or exchange) 2,826 vintage Year 2008 SO2 allowances with an external counterparty for 2,859 vintage Year 2009 SO2 allowances.
- b. The value of the allowance issued plus broker fees paid became the basis of the allowances received.

**WITNESS:** Errol K Wagner



**Kentucky Power Company**

**REQUEST**

Refer to ES Form 3.13, the Operation and Maintenance Expense Summary, Line 9, Equipment - Associated Operating Expenses. Explain the primary reason(s) for the fluctuations in the operating expenses for each expense month in this review period.

**RESPONSE**

The primary reason for the fluctuations in operating expenses in this review period is the SCR Operator Overtime required during the Ozone Season. There was no SCR Operator Overtime during the months of May and June 2008 due to an Unit 2 outage. Please see Page 2 of this response.

**WITNESS:** Errol K Wagner



Line No.	Month	Year	Amount 1/
Billing Period from July 2008 through December 2008			
1	May	2008	\$0.00
2	June	2008	\$0.00
3	July	2008	\$7,372.23
4	August	2008	\$12,393.41
5	September	2008	\$3,274.32
6	October	2008	\$5,251.86
7	Total		\$28,291.82

1/ Amount of Operator Overtime required during the Ozone Season.



## **Kentucky Power Company**

### **REQUEST**

Refer to ES Form 3.14, Page 5 of 11, the Current Period Revenue Requirement, Ohio Power Company - Gavin Plant (Units 1 & 2), Line 11. Explain the primary reasons(s) for the fluctuations in the lease expense for the December 2008 month compared to the prior months in this review period.

### **RESPONSE**

The lease expense is recorded on an estimated basis for eleven months and adjusted to actual expense each December. The large increase in the December 2008 lease cost, reflects the adjustment between the recorded lease cost and the actual lease cost incurred by the Company. The reason for the increase in the actual lease cost for 2008 is because of the increase in 2008 interest expense on debt included in the lease cost. Following the first quarter in 2008 there was a disruption in the auction rate securities market which increased the interest rate associated with the lease cost.

**WITNESS:** Errol K Wagner



## **Kentucky Power Company**

### **REQUEST**

Provide the following information as of October 31, 2008:

- a. The outstanding balances for long-term debt, short-term debt, accounts receivable financing, and common equity.
- b. The blended interest rates for long-term debt, short-term debt, and accounts receivable financing. Include all supporting calculations showing how these blended interest rates were determined.
- c. Kentucky Power's calculation of its weighted average cost of capital for environmental surcharge purposes.
- d. Determine the weighted average cost of capital reflecting the application of the income tax gross-up factor. Include all calculations and assumptions used in the determination.

### **RESPONSE**

- a. Please refer to Page 2 of 22 of the attached exhibit for the balances for long-term debt, short-term debt, accounts receivable financing and common equity as of October 31, 2008. Pages 3 thru 20 of 22 demonstrate the supporting calculations.
- b. Please refer to Page 2 of 22 of the attached exhibit for the blended interest rates for long-term debt, short-term debt, and accounts receivable financing as of October 31, 2008.
- c. Kentucky Power's October 31, 2008 calculated weighted average cost of capital for environmental surcharge purposes is 7.71%. Please refer to Page 2 of 22 of the attached exhibit for support of the calculation.
- d. Please see Page 21 of 22 for the weighted cost of capital reflecting the application of the income tax gross-up factor.

**WITNESS:** Errol K Wagner

**Kentucky Power Company**  
**Cost of Capital**  
**As of October 31, 2008**

Ln No (1)	<u>Description</u> (2)	<u>Capital</u> (3)	Percent of <u>Total</u> (4)	Cost Percentage <u>Rate</u> (5)	Weighted Average Cost <u>Percent</u> (6)=(4)x(5)
1	Long Term Debt	450,000,000 a	46.274%	6.08%	2.81%
2	Short Term Debt	68,207,639 a,b	7.014%	3.52%	0.25%
3	Accounts Receivable Financing	39,995,375	4.113%	4.46%	0.18%
4	Common Equity	<u>414,267,048 a</u>	<u>42.599%</u>	10.50%	<u>4.47%</u>
5	Total	972,470,063	100.00%		7.71%

a Book balance as of 10/31/2008

b Average borrowing costs for the 12 Months Ended October 31, 2008

KENTUCKY POWER COMPANY  
 EFFECTIVE COST OF LONG-TERM DEBT  
 AS OF OCTOBER 31, 2008

SERIES	ISSUE DATE	DUE DATE	AVERAGE TERM IN YEARS	PRINCIPAL AMOUNT ISSUED	PREMIUM OR (DISCOUNT) AT ISSUANCE	COMPANY ISSUANCE EXPENSE	NET PROCEEDS	NET PROCEEDS RATIO	EFFECTIVE COST RATE	CURRENT AMOUNT OUTSTANDING	ANNUALIZED COST	WEIGHTED COST RATE
				\$	\$	\$	\$	%	%	\$	\$	%
<b>Global Note</b>												
5.25%	2/5/2004	6/1/2015	11.3	20,000,000	-	-	20,000,000	100.00	5.249	20,000,000	1,049,816	
<b>Subtotal</b>				<u>20,000,000</u>						<u>20,000,000</u>	<u>1,049,816</u>	
<b>Senior Notes</b>												
6.450%	11/10/1998	11/10/2008	9.99	30,000,000	(187,500)	51,517	29,760,983	99.20	6.560	30,000,000	1,967,969	
5.625%	6/13/2003	12/1/2032	29.45	75,000,000	(656,250)	736,575	73,607,175	98.14	5.756	75,000,000	4,317,337	
6.000%	9/11/2007	9/15/2017	10.01	325,000,000	(1,667,250)	2,277,883	321,054,867	98.79	6.164	325,000,000	20,033,514	
<b>Subtotal</b>				<u>430,000,000</u>						<u>430,000,000</u>	<u>26,318,820</u>	
<b>Total</b>				<u>450,000,000</u>						<u>450,000,000</u>	<u>27,368,636</u>	<u>6.082</u>

TOTAL LONG-TERM DEBT

Kentucky Power Company  
Schedule of Short Term Debt  
Twelve Months Ended October 31, 2008

Line No. (1)	Month (2)	Year (3)	Notes Payable Outstanding at the End of the Month (4)
1	November	2007	0
2	December	2007	19,153,141
3	January	2008	10,753,782
4	February	2008	11,238,677
5	March	2008	40,305,351
6	April	2008	37,479,487
7	May	2008	41,666,308
8	June	2008	48,435,053
9	July	2008	47,609,710
10	August	2008	45,262,701
11	September	2008	65,092,480
12	October	2008	68,207,639



**Kentucky Power Company**  
**Accounts Receivable Financing Balance and Cost Calculation**  
**Twelve Months Ended October 31, 2008**

<b>Date</b>	<b>Short Term Daily Borrowed Balance</b>	<b>Daily Short Term Interest Rate</b>	<b>Weighted Average Borrowed Interest Rate</b>
10/31/2007	0.00		
11/1/2007	0.00		
11/2/2007	0.00		
11/3/2007	0.00		
11/4/2007	0.00		
11/5/2007	0.00		
11/6/2007	0.00		
11/7/2007	0.00		
11/8/2007	0.00		
11/9/2007	0.00		
11/10/2007	0.00		
11/11/2007	0.00		
11/12/2007	0.00		
11/13/2007	0.00		
11/14/2007	0.00		
11/15/2007	0.00		
11/16/2007	0.00		
11/17/2007	0.00		
11/18/2007	0.00		
11/19/2007	0.00		
11/20/2007	0.00		
11/21/2007	0.00		
11/22/2007	0.00		
11/23/2007	0.00		
11/24/2007	0.00		
11/25/2007	0.00		
11/26/2007	0.00		
11/27/2007	0.00		
11/28/2007	0.00		
11/29/2007	0.00		
11/30/2007	0.00		
12/1/2007	0.00		
12/2/2007	0.00		
12/3/2007	0.00		
12/4/2007	0.00		
12/5/2007	0.00		
12/6/2007	0.00		
12/7/2007	0.00		
12/8/2007	0.00		
12/9/2007	0.00		
12/10/2007	(28,502,246.91)	5.36%	0.011536%
12/11/2007	(27,347,939.00)	5.36%	0.011069%
12/12/2007	(23,461,629.62)	5.36%	0.009496%
12/13/2007	(19,180,662.03)	5.36%	0.007763%
12/14/2007	(18,786,657.00)	5.36%	0.007604%
12/15/2007	(18,789,453.35)	5.36%	0.007605%
12/16/2007	(18,792,250.12)	5.36%	0.007606%

**Kentucky Power Company**  
**Accounts Receivable Financing Balance and Cost Calculation**  
**Twelve Months Ended October 31, 2008**

<b>Date</b>	<b>Short Term Daily Borrowed Balance</b>	<b>Daily Short Term Interest Rate</b>	<b>Weighted Average Borrowed Interest Rate</b>
12/17/2007	(23,551,364.55)	5.29%	0.009408%
12/18/2007	(21,425,228.30)	5.29%	0.008558%
12/19/2007	(21,011,087.03)	5.36%	0.008504%
12/20/2007	(17,526,210.46)	5.36%	0.007093%
12/21/2007	(14,802,018.12)	5.36%	0.005991%
12/22/2007	(14,804,221.37)	5.36%	0.005992%
12/23/2007	(14,806,424.95)	5.36%	0.005993%
12/24/2007	(15,354,031.41)	5.36%	0.006214%
12/25/2007	(15,356,316.82)	5.36%	0.006215%
12/26/2007	(14,122,889.36)	5.36%	0.005716%
12/27/2007	(18,181,356.17)	5.36%	0.007359%
12/28/2007	(18,662,175.64)	5.36%	0.007553%
12/29/2007	(18,664,953.46)	5.36%	0.007554%
12/30/2007	(18,667,731.70)	5.36%	0.007555%
12/31/2007	(19,153,140.66)	5.36%	0.007752%
1/1/2008	(19,153,140.66)	5.36%	0.007752%
1/2/2008	(18,577,344.58)	5.36%	0.007525%
1/3/2008	(18,236,115.62)	5.37%	0.007392%
1/4/2008	(22,998,867.10)	5.30%	0.009209%
1/5/2008	(23,002,254.01)	5.30%	0.009211%
1/6/2008	(23,005,641.42)	5.30%	0.009212%
1/7/2008	(29,201,820.82)	5.22%	0.011505%
1/8/2008	(32,979,912.40)	5.16%	0.012859%
1/9/2008	(32,030,444.29)	5.13%	0.012409%
1/10/2008	(25,322,835.95)	5.14%	0.009826%
1/11/2008	(24,548,444.17)	5.13%	0.009507%
1/12/2008	(24,551,940.48)	5.13%	0.009508%
1/13/2008	(24,555,437.28)	5.13%	0.009510%
1/14/2008	(24,476,991.90)	5.10%	0.009423%
1/15/2008	(18,955,669.32)	5.08%	0.007274%
1/16/2008	(17,351,032.04)	5.10%	0.006686%
1/17/2008	(20,494,787.06)	5.09%	0.007884%
1/18/2008	(20,177,396.18)	4.86%	0.007409%
1/19/2008	(20,180,121.06)	4.86%	0.007410%
1/20/2008	(20,182,846.31)	4.86%	0.007411%
1/21/2008	(20,185,571.93)	4.86%	0.007412%
1/22/2008	(14,583,885.09)	4.87%	0.005361%
1/23/2008	(14,811,532.67)	4.86%	0.005441%
1/24/2008	(13,593,543.98)	4.86%	0.004994%
1/25/2008	(13,709,207.31)	4.69%	0.004858%
1/26/2008	(13,710,994.06)	4.69%	0.004859%
1/27/2008	(13,712,781.05)	4.69%	0.004860%
1/28/2008	(13,738,185.95)	4.68%	0.004851%
1/29/2008	(12,470,969.71)	4.53%	0.004269%
1/30/2008	(12,798,710.74)	4.40%	0.004253%
1/31/2008	(10,753,782.44)	4.40%	0.003571%
2/1/2008	(9,609,794.55)	4.26%	0.003090%

**Kentucky Power Company**  
**Accounts Receivable Financing Balance and Cost Calculation**  
**Twelve Months Ended October 31, 2008**

<b>Date</b>	<b>Short Term Daily Borrowed Balance</b>	<b>Daily Short Term Interest Rate</b>	<b>Weighted Average Borrowed Interest Rate</b>
2/2/2008	(9,610,930.97)	4.26%	0.003090%
2/3/2008	(9,612,067.53)	4.26%	0.003091%
2/4/2008	(16,786,342.86)	4.17%	0.005283%
2/5/2008	(15,930,537.20)	4.17%	0.005013%
2/6/2008	(16,281,955.64)	4.14%	0.005093%
2/7/2008	(14,789,089.74)	4.17%	0.004662%
2/8/2008	(24,139,633.19)	4.10%	0.007471%
2/9/2008	(24,142,380.93)	4.10%	0.007472%
2/10/2008	(24,145,128.97)	4.10%	0.007473%
2/11/2008	(22,320,224.95)	4.01%	0.006759%
2/12/2008	(20,646,065.16)	4.00%	0.006233%
2/13/2008	(19,179,110.42)	3.91%	0.005664%
2/14/2008	(18,721,526.86)	3.89%	0.005498%
2/15/2008	(19,423,963.10)	3.77%	0.005525%
2/16/2008	(19,425,995.02)	3.77%	0.005526%
2/17/2008	(19,428,027.15)	3.77%	0.005526%
2/18/2008	(19,430,059.50)	3.77%	0.005527%
2/19/2008	(13,487,631.34)	3.74%	0.003809%
2/20/2008	(16,923,963.83)	3.74%	0.004779%
2/21/2008	(11,369,041.91)	3.75%	0.003220%
2/22/2008	(10,305,613.77)	3.75%	0.002921%
2/23/2008	(10,306,687.94)	3.75%	0.002921%
2/24/2008	(10,307,762.22)	3.75%	0.002921%
2/25/2008	(9,454,735.58)	3.74%	0.002674%
2/26/2008	(8,183,894.63)	3.74%	0.002314%
2/27/2008	(9,399,414.92)	3.71%	0.002634%
2/28/2008	(10,238,560.73)	3.72%	0.002878%
2/29/2008	(11,238,676.79)	3.71%	0.003151%
3/1/2008	(11,239,835.45)	3.71%	0.003151%
3/2/2008	(11,240,994.23)	3.71%	0.003151%
3/3/2008	(12,971,897.71)	3.60%	0.003527%
3/4/2008	(12,878,142.29)	3.59%	0.003489%
3/5/2008	(15,544,586.86)	3.58%	0.004201%
3/6/2008	(13,598,383.08)	3.55%	0.003651%
3/7/2008	(18,584,092.60)	3.54%	0.004975%
3/8/2008	(18,585,922.18)	3.54%	0.004975%
3/9/2008	(18,587,751.94)	3.54%	0.004976%
3/10/2008	(26,980,994.48)	3.53%	0.007203%
3/11/2008	(25,278,641.66)	3.53%	0.006748%
3/12/2008	(24,585,082.87)	3.53%	0.006551%
3/13/2008	(24,658,501.32)	3.52%	0.006562%
3/14/2008	(25,581,474.36)	3.51%	0.006780%
3/15/2008	(25,583,967.66)	3.51%	0.006780%
3/16/2008	(25,586,461.21)	3.51%	0.006781%
3/17/2008	(31,536,734.39)	3.52%	0.008379%
3/18/2008	(28,548,973.36)	3.46%	0.007462%
3/19/2008	(28,646,111.64)	3.43%	0.007422%

**Kentucky Power Company**  
**Accounts Receivable Financing Balance and Cost Calculation**  
**Twelve Months Ended October 31, 2008**

<b>Date</b>	<b>Short Term Daily Borrowed Balance</b>	<b>Daily Short Term Interest Rate</b>	<b>Weighted Average Borrowed Interest Rate</b>
3/20/2008	(39,328,917.36)	3.46%	0.010272%
3/21/2008	(40,587,335.71)	3.46%	0.010601%
3/22/2008	(40,591,234.33)	3.46%	0.010602%
3/23/2008	(40,595,133.32)	3.46%	0.010603%
3/24/2008	(34,579,959.97)	3.39%	0.008847%
3/25/2008	(34,132,225.15)	3.45%	0.008904%
3/26/2008	(33,482,500.43)	3.49%	0.008822%
3/27/2008	(35,547,371.00)	3.50%	0.009398%
3/28/2008	(35,875,686.38)	3.45%	0.009343%
3/29/2008	(35,879,122.23)	3.45%	0.009343%
3/30/2008	(35,882,558.43)	3.45%	0.009344%
3/31/2008	(40,305,350.82)	3.44%	0.010466%
4/1/2008	(40,655,131.29)	3.41%	0.010484%
4/2/2008	(40,883,720.35)	3.39%	0.010480%
4/3/2008	(35,439,413.23)	3.36%	0.008994%
4/4/2008	(35,651,043.88)	3.36%	0.009047%
4/5/2008	(35,654,371.21)	3.36%	0.009048%
4/6/2008	(35,657,698.86)	3.36%	0.009049%
4/7/2008	(46,485,374.16)	3.34%	0.011714%
4/8/2008	(45,147,895.62)	3.31%	0.011278%
4/9/2008	(43,846,321.82)	3.28%	0.010871%
4/10/2008	(43,745,254.10)	3.24%	0.010702%
4/11/2008	(43,574,738.79)	3.18%	0.010482%
4/12/2008	(43,578,593.58)	3.18%	0.010483%
4/13/2008	(43,582,448.71)	3.18%	0.010483%
4/14/2008	(41,786,904.42)	3.19%	0.010056%
4/15/2008	(37,865,593.90)	3.18%	0.009092%
4/16/2008	(36,399,971.54)	3.18%	0.008744%
4/17/2008	(42,005,833.34)	3.16%	0.010041%
4/18/2008	(40,623,386.84)	3.14%	0.009632%
4/19/2008	(40,626,929.14)	3.14%	0.009633%
4/20/2008	(40,630,471.75)	3.14%	0.009634%
4/21/2008	(34,417,139.55)	3.15%	0.008184%
4/22/2008	(31,523,037.53)	3.15%	0.007497%
4/23/2008	(31,481,173.80)	3.16%	0.007526%
4/24/2008	(34,988,397.76)	3.16%	0.008364%
4/25/2008	(36,858,065.16)	3.16%	0.008807%
4/26/2008	(36,861,304.19)	3.16%	0.008808%
4/27/2008	(36,864,543.50)	3.16%	0.008809%
4/28/2008	(36,785,178.35)	3.16%	0.008790%
4/29/2008	(36,991,596.67)	3.16%	0.008826%
4/30/2008	(37,479,486.86)	3.15%	0.008910%
5/1/2008	(37,719,817.39)	3.11%	0.008873%
5/2/2008	(37,501,613.37)	3.11%	0.008822%
5/3/2008	(37,504,857.72)	3.11%	0.008823%
5/4/2008	(37,508,102.34)	3.11%	0.008823%
5/5/2008	(42,777,228.99)	3.06%	0.009876%

**Kentucky Power Company**  
**Accounts Receivable Financing Balance and Cost Calculation**  
**Twelve Months Ended October 31, 2008**

<b>Date</b>	<b>Short Term Daily Borrowed Balance</b>	<b>Daily Short Term Interest Rate</b>	<b>Weighted Average Borrowed Interest Rate</b>
5/6/2008	(42,754,181.13)	3.05%	0.009849%
5/7/2008	(42,318,103.37)	3.05%	0.009749%
5/8/2008	(45,899,900.39)	3.05%	0.010573%
5/9/2008	(46,771,044.63)	3.02%	0.010671%
5/10/2008	(46,774,969.06)	3.02%	0.010672%
5/11/2008	(46,778,893.82)	3.02%	0.010673%
5/12/2008	(47,306,161.30)	3.00%	0.010737%
5/13/2008	(42,101,387.42)	3.01%	0.009562%
5/14/2008	(41,172,841.50)	3.01%	0.009347%
5/15/2008	(43,572,657.53)	2.94%	0.009690%
5/16/2008	(43,073,628.76)	2.99%	0.009731%
5/17/2008	(43,077,207.39)	2.99%	0.009732%
5/18/2008	(43,080,786.32)	2.99%	0.009732%
5/19/2008	(41,964,200.50)	2.97%	0.009398%
5/20/2008	(41,891,222.59)	2.93%	0.009270%
5/21/2008	(35,564,983.96)	2.95%	0.007913%
5/22/2008	(37,409,428.55)	2.92%	0.008262%
5/23/2008	(39,208,723.43)	2.91%	0.008629%
5/24/2008	(39,211,896.98)	2.91%	0.008630%
5/25/2008	(39,215,070.79)	2.91%	0.008631%
5/26/2008	(39,218,244.86)	2.91%	0.008631%
5/27/2008	(38,640,391.70)	2.91%	0.008479%
5/28/2008	(37,974,014.67)	2.92%	0.008364%
5/29/2008	(41,233,291.58)	2.92%	0.009082%
5/30/2008	(41,666,308.18)	2.91%	0.009173%
5/31/2008	(41,669,681.77)	2.91%	0.009174%
6/1/2008	(41,673,055.63)	2.91%	0.009175%
6/2/2008	(44,664,363.63)	2.92%	0.009865%
6/3/2008	(42,763,889.99)	2.92%	0.009419%
6/4/2008	(48,949,194.19)	2.91%	0.010753%
6/5/2008	(42,190,402.98)	2.91%	0.009274%
6/6/2008	(43,605,066.42)	2.91%	0.009590%
6/7/2008	(43,608,593.15)	2.91%	0.009590%
6/8/2008	(43,612,120.17)	2.91%	0.009591%
6/9/2008	(51,301,355.92)	2.91%	0.011285%
6/10/2008	(49,893,742.93)	2.91%	0.010977%
6/11/2008	(49,415,527.34)	2.91%	0.010869%
6/12/2008	(48,072,025.47)	2.91%	0.010559%
6/13/2008	(47,210,143.09)	2.91%	0.010382%
6/14/2008	(47,213,961.15)	2.91%	0.010383%
6/15/2008	(47,217,779.52)	2.91%	0.010383%
6/16/2008	(46,102,082.80)	2.91%	0.010150%
6/17/2008	(40,004,029.73)	2.92%	0.008808%
6/18/2008	(39,209,020.93)	2.92%	0.008637%
6/19/2008	(44,065,960.22)	2.91%	0.009678%
6/20/2008	(45,085,996.67)	2.92%	0.009941%
6/21/2008	(45,089,652.49)	2.92%	0.009941%

**Kentucky Power Company**  
**Accounts Receivable Financing Balance and Cost Calculation**  
**Twelve Months Ended October 31, 2008**

<b>Date</b>	<b>Short Term Daily Borrowed Balance</b>	<b>Daily Short Term Interest Rate</b>	<b>Weighted Average Borrowed Interest Rate</b>
6/22/2008	(45,093,308.61)	2.92%	0.009942%
6/23/2008	(51,170,579.22)	2.92%	0.011294%
6/24/2008	(50,887,384.15)	2.92%	0.011232%
6/25/2008	(51,070,930.79)	2.94%	0.011329%
6/26/2008	(50,507,537.17)	2.95%	0.011268%
6/27/2008	(51,495,312.15)	2.96%	0.011500%
6/28/2008	(51,499,541.61)	2.96%	0.011501%
6/29/2008	(51,503,771.42)	2.96%	0.011502%
6/30/2008	(48,435,053.41)	2.96%	0.010817%
7/1/2008	(48,046,475.00)	2.96%	0.010730%
7/2/2008	(48,375,583.32)	2.95%	0.010788%
7/3/2008	(51,134,199.50)	2.94%	0.011340%
7/4/2008	(51,138,370.14)	2.94%	0.011341%
7/5/2008	(51,142,541.12)	2.94%	0.011342%
7/6/2008	(51,146,712.44)	2.94%	0.011343%
7/7/2008	(56,228,584.95)	2.93%	0.012457%
7/8/2008	(61,740,352.53)	2.93%	0.013685%
7/9/2008	(61,538,357.79)	2.93%	0.013598%
7/10/2008	(56,646,077.32)	2.91%	0.012462%
7/11/2008	(56,162,752.12)	2.93%	0.012424%
7/12/2008	(56,167,321.17)	2.93%	0.012425%
7/13/2008	(56,171,890.60)	2.93%	0.012426%
7/14/2008	(59,215,401.94)	2.92%	0.013078%
7/15/2008	(60,193,969.67)	2.91%	0.013223%
7/16/2008	(59,868,837.79)	2.92%	0.013214%
7/17/2008	(61,048,536.80)	2.93%	0.013508%
7/18/2008	(61,524,948.63)	2.91%	0.013528%
7/19/2008	(61,529,923.65)	2.91%	0.013529%
7/20/2008	(61,534,899.07)	2.91%	0.013530%
7/21/2008	(43,214,936.71)	2.93%	0.009561%
7/22/2008	(42,521,373.06)	2.93%	0.009407%
7/23/2008	(41,381,026.41)	2.93%	0.009155%
7/24/2008	(46,452,134.23)	2.93%	0.010268%
7/25/2008	(46,693,921.52)	2.92%	0.010283%
7/26/2008	(46,697,703.14)	2.92%	0.010284%
7/27/2008	(46,701,485.07)	2.92%	0.010284%
7/28/2008	(46,520,851.57)	2.92%	0.010260%
7/29/2008	(45,121,612.01)	2.93%	0.009985%
7/30/2008	(45,377,681.46)	2.93%	0.010057%
7/31/2008	(47,609,710.32)	2.95%	0.010625%
8/1/2008	(51,108,732.31)	2.96%	0.011424%
8/2/2008	(51,112,933.76)	2.96%	0.011425%
8/3/2008	(51,117,135.55)	2.96%	0.011426%
8/4/2008	(54,000,164.06)	2.96%	0.012082%
8/5/2008	(52,300,180.88)	2.96%	0.011709%
8/6/2008	(52,190,813.44)	2.95%	0.011647%
8/7/2008	(47,623,115.28)	2.97%	0.010675%

**Kentucky Power Company**  
**Accounts Receivable Financing Balance and Cost Calculation**  
**Twelve Months Ended October 31, 2008**

<b>Date</b>	<b>Short Term Daily Borrowed Balance</b>	<b>Daily Short Term Interest Rate</b>	<b>Weighted Average Borrowed Interest Rate</b>
8/8/2008	(54,367,864.04)	2.97%	0.012214%
8/9/2008	(54,372,355.99)	2.97%	0.012215%
8/10/2008	(54,376,848.31)	2.97%	0.012216%
8/11/2008	(51,867,319.22)	2.98%	0.011667%
8/12/2008	(49,819,431.54)	2.98%	0.011208%
8/13/2008	(49,964,501.88)	2.98%	0.011244%
8/14/2008	(50,755,162.34)	2.98%	0.011407%
8/15/2008	(52,359,746.62)	2.97%	0.011728%
8/16/2008	(52,364,059.95)	2.97%	0.011729%
8/17/2008	(52,368,373.63)	2.97%	0.011730%
8/18/2008	(50,458,684.74)	2.97%	0.011302%
8/19/2008	(42,757,547.80)	2.96%	0.009551%
8/20/2008	(45,175,513.54)	2.97%	0.010123%
8/21/2008	(38,607,548.61)	2.97%	0.008652%
8/22/2008	(38,260,759.12)	2.97%	0.008591%
8/23/2008	(38,263,918.47)	2.97%	0.008591%
8/24/2008	(38,267,078.07)	2.97%	0.008592%
8/25/2008	(38,386,429.48)	2.98%	0.008629%
8/26/2008	(37,304,231.26)	2.98%	0.008384%
8/27/2008	(39,994,595.76)	2.97%	0.008982%
8/28/2008	(39,746,717.44)	2.98%	0.008945%
8/29/2008	(45,262,700.90)	2.97%	0.010170%
8/30/2008	(45,266,441.07)	2.97%	0.010171%
8/31/2008	(45,270,181.54)	2.97%	0.010172%
9/1/2008	(45,273,922.32)	2.97%	0.010172%
9/2/2008	(48,159,397.58)	2.97%	0.010821%
9/3/2008	(50,666,959.33)	2.97%	0.011369%
9/4/2008	(53,982,261.99)	2.96%	0.012075%
9/5/2008	(54,871,402.19)	2.96%	0.012262%
9/6/2008	(54,875,911.77)	2.96%	0.012263%
9/7/2008	(54,880,421.72)	2.96%	0.012264%
9/8/2008	(54,200,771.09)	2.95%	0.012075%
9/9/2008	(60,637,522.94)	2.96%	0.013573%
9/10/2008	(59,938,919.30)	2.96%	0.013391%
9/11/2008	(56,228,446.04)	2.96%	0.012560%
9/12/2008	(60,713,030.03)	2.95%	0.013517%
9/13/2008	(60,718,001.23)	2.95%	0.013518%
9/14/2008	(60,722,972.83)	2.95%	0.013520%
9/15/2008	(69,225,635.42)	2.96%	0.015468%
9/16/2008	(70,213,252.77)	3.25%	0.017248%
9/17/2008	(69,736,789.91)	3.30%	0.017392%
9/18/2008	(69,260,680.14)	3.34%	0.017448%
9/19/2008	(65,817,418.05)	3.37%	0.016771%
9/20/2008	(65,823,585.89)	3.37%	0.016773%
9/21/2008	(65,829,754.32)	3.37%	0.016774%
9/22/2008	(56,588,985.98)	3.36%	0.014359%
9/23/2008	(54,140,492.85)	3.37%	0.013762%

**Kentucky Power Company**  
**Accounts Receivable Financing Balance and Cost Calculation**  
**Twelve Months Ended October 31, 2008**

Date	Short Term Daily Borrowed Balance	Daily Short Term Interest Rate	Weighted Average Borrowed Interest Rate
9/24/2008	(55,340,667.11)	3.36%	0.014059%
9/25/2008	(65,171,618.07)	3.65%	0.017984%
9/26/2008	(67,415,608.14)	3.74%	0.019036%
9/27/2008	(67,422,608.92)	3.74%	0.019038%
9/28/2008	(67,429,610.43)	3.74%	0.019040%
9/29/2008	(67,779,312.14)	3.92%	0.020054%
9/30/2008	(65,092,479.91)	4.00%	0.019688%
10/1/2008	(65,209,854.04)	4.22%	0.020783%
10/2/2008	(69,152,914.58)	4.40%	0.023000%
10/3/2008	(68,560,488.19)	4.45%	0.023047%
10/4/2008	(68,568,963.93)	4.45%	0.023049%
10/5/2008	(68,577,440.72)	4.45%	0.023052%
10/6/2008	(72,237,212.79)	4.44%	0.024209%
10/7/2008	(79,996,494.92)	4.40%	0.026584%
10/8/2008	(78,922,781.11)	4.39%	0.026185%
10/9/2008	(73,478,401.35)	4.35%	0.024135%
10/10/2008	(73,921,858.01)	4.41%	0.024607%
10/11/2008	(73,930,907.57)	4.41%	0.024610%
10/12/2008	(73,939,958.25)	4.41%	0.024613%
10/13/2008	(71,898,931.96)	4.41%	0.023933%
10/14/2008	(74,495,742.11)	4.35%	0.024479%
10/15/2008	(72,978,762.80)	4.28%	0.023574%
10/16/2008	(69,882,102.54)	4.20%	0.022172%
10/17/2008	(68,783,656.76)	4.20%	0.021824%
10/18/2008	(68,791,682.78)	4.20%	0.021826%
10/19/2008	(68,799,709.74)	4.20%	0.021829%
10/20/2008	(73,314,085.86)	4.85%	0.026841%
10/21/2008	(63,495,641.16)	4.62%	0.022156%
10/22/2008	(63,734,199.31)	5.19%	0.024978%
10/23/2008	(61,211,323.44)	5.19%	0.023990%
10/24/2008	(62,013,730.09)	4.97%	0.023291%
10/25/2008	(62,022,295.81)	4.97%	0.023294%
10/26/2008	(62,030,862.70)	4.97%	0.023298%
10/27/2008	(61,518,133.71)	4.97%	0.023105%
10/28/2008	(64,473,773.85)	4.57%	0.022265%
10/29/2008	(69,942,304.71)	5.47%	0.028898%
10/30/2008	(73,268,155.98)	4.53%	0.025069%
10/31/2008	(68,207,638.77)	4.06%	0.020910%
<b>Total Dollar Days</b>	<u>(\$13,239,567,909.87)</u>		
<b>Average</b>	<u>(\$36,075,116.92)</u>		<b>3.5156%</b>



**Kentucky Power Company**  
**Accounts Receivable Financing Balance and Cost Calculation**  
**Thirteen Months Ended October 31, 2008**

Date	A/R Balance	Daily Carrying Cost Charge	Carrying Cost Charge
10/01/2007	34,438,767.00	0.000175	6,026.78
10/02/2007	37,881,374.39	0.000175	6,629.24
10/03/2007	37,839,725.38	0.000173	6,546.27
10/04/2007	37,815,443.65	0.000173	6,542.07
10/05/2007	37,556,561.83	0.000173	6,497.29
10/06/2007	37,556,561.83	0.000173	6,497.29
10/07/2007	37,556,561.83	0.000173	6,497.29
10/08/2007	37,104,776.88	0.000173	6,419.13
10/09/2007	37,719,465.26	0.000173	6,525.47
10/10/2007	35,484,198.98	0.000173	6,138.77
10/11/2007	35,547,174.42	0.000173	6,149.66
10/12/2007	36,356,846.96	0.000173	6,289.73
10/13/2007	36,356,846.96	0.000173	6,289.73
10/14/2007	36,356,846.96	0.000173	6,289.73
10/15/2007	35,978,658.49	0.000173	6,224.31
10/16/2007	32,478,083.04	0.000173	5,618.71
10/17/2007	32,062,680.75	0.000171	5,482.72
10/18/2007	31,833,440.03	0.000171	5,443.52
10/19/2007	30,932,005.42	0.000171	5,289.37
10/20/2007	30,932,005.42	0.000171	5,289.37
10/21/2007	30,932,005.42	0.000171	5,289.37
10/22/2007	31,050,293.68	0.000171	5,309.60
10/23/2007	30,723,100.02	0.000171	5,253.65
10/24/2007	31,038,974.35	0.000171	5,307.66
10/25/2007	31,496,040.36	0.000171	5,385.82
10/26/2007	32,726,369.88	0.000169	5,530.76
10/27/2007	32,726,369.88	0.000169	5,530.76
10/28/2007	32,726,369.88	0.000169	5,530.76
10/29/2007	34,179,170.58	0.000169	5,776.28
10/30/2007	34,175,579.13	0.000169	5,775.67
10/31/2007	34,682,822.76	0.000167	5,792.03
11/01/2007	34,459,230.22	0.000167	5,754.69
11/02/2007	35,020,939.52	0.000167	5,848.50
11/03/2007	35,020,939.52	0.000167	5,848.50
11/04/2007	35,020,939.52	0.000167	5,848.50
11/05/2007	35,595,577.62	0.000167	5,944.46
11/06/2007	38,175,144.35	0.000167	6,375.25
11/07/2007	38,140,259.61	0.000167	6,369.42
11/08/2007	37,413,680.39	0.000164	6,135.84
11/09/2007	37,590,885.38	0.000164	6,164.91
11/10/2007	37,590,885.38	0.000164	6,164.91
11/11/2007	37,590,885.38	0.000164	6,164.91
11/12/2007	36,999,898.75	0.000164	6,067.98
11/13/2007	37,190,655.69	0.000164	6,099.27
11/14/2007	36,737,774.09	0.000164	6,024.99
11/15/2007	36,625,106.87	0.000162	5,933.27
11/16/2007	37,029,000.54	0.000162	5,998.70
11/17/2007	37,029,000.54	0.000162	5,998.70
11/18/2007	37,029,000.54	0.000162	5,998.70
11/19/2007	36,955,557.85	0.000162	5,986.80
11/20/2007	33,620,982.82	0.000162	5,446.60

**Kentucky Power Company**  
**Accounts Receivable Financing Balance and Cost Calculation**  
**Thirteen Months Ended October 31, 2008**

Date	A/R Balance	Daily Carrying Cost Charge	Carrying Cost Charge
11/21/2007	33,711,223.49	0.000162	5,461.22
11/22/2007	33,711,223.49	0.000162	5,461.22
11/23/2007	33,711,223.49	0.000162	5,461.22
11/24/2007	33,711,223.49	0.000162	5,461.22
11/25/2007	33,711,223.49	0.000162	5,461.22
11/26/2007	33,326,988.93	0.000162	5,398.97
11/27/2007	33,503,461.31	0.000162	5,427.56
11/28/2007	35,090,505.07	0.00016	5,614.48
11/29/2007	36,346,794.04	0.00016	5,815.49
11/30/2007	37,119,524.03	0.00016	5,939.12
12/01/2007	37,119,524.03	0.00016	5,939.12
12/02/2007	37,119,524.03	0.00016	5,939.12
12/03/2007	37,686,515.07	0.00016	6,029.84
12/04/2007	38,727,798.60	0.00016	6,196.45
12/05/2007	39,248,982.73	0.000161	6,319.09
12/06/2007	42,359,055.60	0.000161	6,819.81
12/07/2007	42,773,837.15	0.000161	6,886.59
12/08/2007	42,773,837.15	0.000161	6,886.59
12/09/2007	42,773,837.15	0.000161	6,886.59
12/10/2007	43,541,276.57	0.000161	7,010.15
12/11/2007	42,990,423.33	0.000161	6,921.46
12/12/2007	42,810,297.06	0.000162	6,935.27
12/13/2007	43,443,755.89	0.000162	7,037.89
12/14/2007	42,968,777.41	0.000162	6,960.94
12/15/2007	42,968,777.41	0.000162	6,960.94
12/16/2007	42,968,777.41	0.000162	6,960.94
12/17/2007	42,588,910.74	0.000162	6,899.40
12/18/2007	42,230,510.98	0.000162	6,841.34
12/19/2007	42,562,137.83	0.000164	6,980.19
12/20/2007	38,704,467.82	0.000164	6,347.53
12/21/2007	38,045,393.08	0.000164	6,239.44
12/22/2007	38,045,393.08	0.000164	6,239.44
12/23/2007	38,045,393.08	0.000164	6,239.44
12/24/2007	38,045,393.08	0.000164	6,239.44
12/25/2007	38,045,393.08	0.000164	6,239.44
12/26/2007	37,956,279.97	0.000164	6,224.83
12/27/2007	38,082,003.60	0.000165	6,283.53
12/28/2007	38,356,346.75	0.000165	6,328.80
12/29/2007	38,356,346.75	0.000165	6,328.80
12/30/2007	38,356,346.75	0.000165	6,328.80
12/31/2007	40,795,171.95	0.000165	6,731.20
01/01/2008	40,795,171.95	0.000165	6,731.20
01/02/2008	40,258,535.20	0.000165	6,642.66
01/03/2008	40,398,389.88	0.000167	6,746.53
01/04/2008	44,222,168.31	0.000167	7,385.10
01/05/2008	44,222,168.31	0.000167	7,385.10
01/06/2008	44,222,168.31	0.000167	7,385.10
01/07/2008	45,071,466.97	0.000167	7,526.93
01/08/2008	44,640,338.22	0.000167	7,454.94
01/09/2008	44,925,124.09	0.000166	7,457.57
01/10/2008	44,393,691.73	0.000166	7,369.35

**Kentucky Power Company**  
**Accounts Receivable Financing Balance and Cost Calculation**  
**Thirteen Months Ended October 31, 2008**

Date	A/R Balance	Daily Carrying Cost Charge	Carrying Cost Charge
01/11/2008	45,476,342.92	0.000166	7,549.07
01/12/2008	45,476,342.92	0.000166	7,549.07
01/13/2008	45,476,342.92	0.000166	7,549.07
01/14/2008	44,985,052.42	0.000166	7,467.52
01/15/2008	41,276,513.06	0.000166	6,851.90
01/16/2008	40,726,676.88	0.000163	6,638.45
01/17/2008	41,356,139.11	0.000163	6,741.05
01/18/2008	41,374,817.22	0.000163	6,744.10
01/19/2008	41,374,817.22	0.000163	6,744.10
01/20/2008	41,374,817.22	0.000163	6,744.10
01/21/2008	41,224,519.42	0.000163	6,719.60
01/22/2008	41,817,831.28	0.000163	6,816.31
01/23/2008	41,533,523.91	0.000157	6,520.76
01/24/2008	40,782,858.24	0.000157	6,402.91
01/25/2008	40,671,784.36	0.000157	6,385.47
01/26/2008	40,671,784.36	0.000157	6,385.47
01/27/2008	40,671,784.36	0.000157	6,385.47
01/28/2008	41,461,416.00	0.000157	6,509.44
01/29/2008	42,122,358.84	0.000157	6,613.21
01/30/2008	44,307,194.69	0.000149	6,601.77
01/31/2008	45,600,976.43	0.000149	6,794.55
02/01/2008	45,875,318.07	0.000149	6,835.42
02/02/2008	45,875,318.07	0.000149	6,835.42
02/03/2008	45,875,318.07	0.000149	6,835.42
02/04/2008	50,204,979.30	0.000149	7,480.54
02/05/2008	50,631,593.35	0.000149	7,544.11
02/06/2008	49,681,615.91	0.000143	7,104.47
02/07/2008	49,044,295.91	0.000143	7,013.33
02/08/2008	49,738,387.78	0.000143	7,112.59
02/09/2008	49,738,387.78	0.000143	7,112.59
02/10/2008	49,738,387.78	0.000143	7,112.59
02/11/2008	49,895,342.21	0.000143	7,135.03
02/12/2008	49,489,844.01	0.000143	7,077.05
02/13/2008	49,157,901.06	0.000136	6,685.47
02/14/2008	49,958,373.63	0.000136	6,794.34
02/15/2008	49,442,065.77	0.000136	6,724.12
02/16/2008	49,442,065.77	0.000136	6,724.12
02/17/2008	49,442,065.77	0.000136	6,724.12
02/18/2008	45,680,152.04	0.000136	6,212.50
02/19/2008	45,311,461.24	0.000136	6,162.36
02/20/2008	45,055,770.11	0.000129	5,812.19
02/21/2008	43,454,245.51	0.000129	5,605.60
02/22/2008	43,203,773.28	0.000129	5,573.29
02/23/2008	43,203,773.28	0.000129	5,573.29
02/24/2008	43,203,773.28	0.000129	5,573.29
02/25/2008	42,551,590.68	0.000129	5,489.16
02/26/2008	42,746,928.48	0.000129	5,514.35
02/27/2008	43,302,675.10	0.000122	5,282.93
02/28/2008	43,661,325.45	0.000122	5,326.68
02/29/2008	45,585,981.74	0.000122	5,561.49
03/01/2008	45,585,981.74	0.000122	5,561.49

**Kentucky Power Company**  
**Accounts Receivable Financing Balance and Cost Calculation**  
**Thirteen Months Ended October 31, 2008**

Date	A/R Balance	Daily Carrying Cost Charge	Carrying Cost Charge
03/02/2008	45,585,981.74	0.000122	5,561.49
03/03/2008	45,061,205.13	0.000122	5,497.47
03/04/2008	48,459,265.78	0.000122	5,912.03
03/05/2008	49,729,164.57	0.000119	5,917.77
03/06/2008	49,006,962.43	0.000119	5,831.83
03/07/2008	49,334,463.68	0.000119	5,870.80
03/08/2008	49,334,463.68	0.000119	5,870.80
03/09/2008	49,334,463.68	0.000119	5,870.80
03/10/2008	48,534,476.85	0.000119	5,775.60
03/11/2008	48,489,785.98	0.000119	5,770.28
03/12/2008	47,773,199.95	0.000116	5,541.69
03/13/2008	47,395,658.64	0.000116	5,497.90
03/14/2008	47,931,408.36	0.000116	5,560.04
03/15/2008	47,931,408.36	0.000116	5,560.04
03/16/2008	47,931,408.36	0.000116	5,560.04
03/17/2008	43,867,326.65	0.000116	5,088.61
03/18/2008	42,325,259.30	0.000116	4,909.73
03/19/2008	42,286,552.74	0.000113	4,778.38
03/20/2008	41,080,365.31	0.000113	4,642.08
03/21/2008	41,080,365.31	0.000113	4,642.08
03/22/2008	41,080,365.31	0.000113	4,642.08
03/23/2008	41,080,365.31	0.000113	4,642.08
03/24/2008	40,338,453.86	0.000113	4,558.25
03/25/2008	38,965,866.82	0.000113	4,403.14
03/26/2008	39,087,248.40	0.00011	4,299.60
03/27/2008	38,628,011.62	0.00011	4,249.08
03/28/2008	38,420,110.81	0.00011	4,226.21
03/29/2008	38,420,110.81	0.00011	4,226.21
03/30/2008	38,420,110.81	0.00011	4,226.21
03/31/2008	38,167,800.36	0.00011	4,198.46
04/01/2008	39,725,661.13	0.00011	4,369.82
04/02/2008	45,602,085.27	0.000107	4,879.42
04/03/2008	45,972,545.97	0.000107	4,919.06
04/04/2008	46,393,940.03	0.000107	4,964.15
04/05/2008	46,393,940.03	0.000107	4,964.15
04/06/2008	46,393,940.03	0.000107	4,964.15
04/07/2008	45,833,983.32	0.000107	4,904.24
04/08/2008	45,085,383.44	0.000107	4,824.14
04/09/2008	44,485,351.23	0.000106	4,715.45
04/10/2008	44,923,076.87	0.000106	4,761.85
04/11/2008	44,184,714.13	0.000106	4,683.58
04/12/2008	44,184,714.13	0.000106	4,683.58
04/13/2008	44,184,714.13	0.000106	4,683.58
04/14/2008	42,881,697.15	0.000106	4,545.46
04/15/2008	38,873,710.43	0.000106	4,120.61
04/16/2008	38,465,751.19	0.000104	4,000.44
04/17/2008	37,944,154.97	0.000104	3,946.19
04/18/2008	37,726,020.75	0.000104	3,923.51
04/19/2008	37,726,020.75	0.000104	3,923.51
04/20/2008	37,726,020.75	0.000104	3,923.51
04/21/2008	36,613,658.34	0.000104	3,807.82

**Kentucky Power Company**  
**Accounts Receivable Financing Balance and Cost Calculation**  
**Thirteen Months Ended October 31, 2008**

Date	A/R Balance	Daily Carrying Cost Charge	Carrying Cost Charge
04/22/2008	34,897,271.93	0.000104	3,629.32
04/23/2008	34,437,265.87	0.000102	3,512.60
04/24/2008	33,991,756.30	0.000102	3,467.16
04/25/2008	33,781,855.08	0.000102	3,445.75
04/26/2008	33,781,855.08	0.000102	3,445.75
04/27/2008	33,781,855.08	0.000102	3,445.75
04/28/2008	34,530,892.16	0.000102	3,522.15
04/29/2008	35,696,979.27	0.000102	3,641.09
04/30/2008	37,190,048.60	0.000101	3,756.19
05/01/2008	36,825,216.96	0.000101	3,719.35
05/02/2008	41,192,223.29	0.000101	4,160.41
05/03/2008	41,192,223.29	0.000101	4,160.41
05/04/2008	41,192,223.29	0.000101	4,160.41
05/05/2008	41,396,996.63	0.000101	4,181.10
05/06/2008	40,090,202.28	0.000101	4,049.11
05/07/2008	39,781,474.98	0.000101	4,017.93
05/08/2008	39,032,222.52	0.000101	3,942.25
05/09/2008	39,739,465.97	0.000101	4,013.69
05/10/2008	39,739,465.97	0.000101	4,013.69
05/11/2008	39,739,465.97	0.000101	4,013.69
05/12/2008	38,973,906.62	0.000101	3,936.36
05/13/2008	34,991,269.52	0.000101	3,534.12
05/14/2008	35,164,543.02	0.000099	3,481.29
05/15/2008	34,736,163.64	0.000099	3,438.88
05/16/2008	34,615,483.21	0.000099	3,426.93
05/17/2008	34,615,483.21	0.000099	3,426.93
05/18/2008	34,615,483.21	0.000099	3,426.93
05/19/2008	34,313,622.41	0.000099	3,397.05
05/20/2008	33,252,325.04	0.000099	3,291.98
05/21/2008	32,406,485.39	0.000097	3,143.43
05/22/2008	31,888,543.56	0.000097	3,093.19
05/23/2008	31,810,946.91	0.000097	3,085.66
05/24/2008	31,810,946.91	0.000097	3,085.66
05/25/2008	31,810,946.91	0.000097	3,085.66
05/26/2008	31,810,946.91	0.000097	3,085.66
05/27/2008	31,630,000.90	0.000097	3,068.11
05/28/2008	32,425,360.01	0.000096	3,112.83
05/29/2008	32,311,647.01	0.000096	3,101.92
05/30/2008	34,043,193.07	0.000096	3,268.15
05/31/2008	34,043,193.07	0.000096	3,268.15
06/01/2008	34,043,193.07	0.000096	3,268.15
06/02/2008	35,314,324.69	0.000096	3,390.18
06/03/2008	38,969,958.44	0.000096	3,741.12
06/04/2008	39,995,013.08	0.000095	3,799.53
06/05/2008	39,772,870.86	0.000095	3,778.42
06/06/2008	40,351,397.40	0.000095	3,833.38
06/07/2008	40,351,397.40	0.000095	3,833.38
06/08/2008	40,351,397.40	0.000095	3,833.38
06/09/2008	39,858,785.10	0.000095	3,786.58
06/10/2008	40,816,452.00	0.000095	3,877.56
06/11/2008	40,851,337.45	0.000094	3,840.03

**Kentucky Power Company**  
**Accounts Receivable Financing Balance and Cost Calculation**  
**Thirteen Months Ended October 31, 2008**

Date	A/R Balance	Daily Carrying Cost Charge	Carrying Cost Charge
06/12/2008	40,885,384.29	0.000094	3,843.23
06/13/2008	40,804,358.72	0.000094	3,835.61
06/14/2008	40,804,358.72	0.000094	3,835.61
06/15/2008	40,804,358.72	0.000094	3,835.61
06/16/2008	40,673,040.78	0.000094	3,823.27
06/17/2008	36,424,644.83	0.000094	3,423.92
06/18/2008	36,177,829.89	0.000093	3,364.54
06/19/2008	36,238,005.60	0.000093	3,370.13
06/20/2008	34,984,044.32	0.000093	3,253.52
06/21/2008	34,984,044.32	0.000093	3,253.52
06/22/2008	34,984,044.32	0.000093	3,253.52
06/23/2008	34,560,961.91	0.000093	3,214.17
06/24/2008	34,797,268.97	0.000093	3,236.15
06/25/2008	35,283,367.67	0.000093	3,281.35
06/26/2008	36,243,173.31	0.000093	3,370.62
06/27/2008	37,875,373.87	0.000093	3,522.41
06/28/2008	37,875,373.87	0.000093	3,522.41
06/29/2008	37,875,373.87	0.000093	3,522.41
06/30/2008	40,160,721.97	0.000093	3,734.95
07/01/2008	40,479,726.22	0.000093	3,764.61
07/02/2008	41,694,757.49	0.000094	3,919.31
07/03/2008	46,104,104.80	0.000094	4,333.79
07/04/2008	46,104,104.80	0.000094	4,333.79
07/05/2008	46,104,104.80	0.000094	4,333.79
07/06/2008	46,104,104.80	0.000094	4,333.79
07/07/2008	46,278,402.35	0.000094	4,350.17
07/08/2008	45,217,185.26	0.000094	4,250.42
07/09/2008	45,576,159.22	0.000096	4,375.31
07/10/2008	45,902,321.57	0.000096	4,406.62
07/11/2008	46,185,762.00	0.000096	4,433.83
07/12/2008	46,185,762.00	0.000096	4,433.83
07/13/2008	46,185,762.00	0.000096	4,433.83
07/14/2008	44,550,289.97	0.000096	4,276.83
07/15/2008	44,364,508.72	0.000096	4,258.99
07/16/2008	44,011,977.67	0.000096	4,225.15
07/17/2008	43,481,013.70	0.000096	4,174.18
07/18/2008	39,124,469.36	0.000096	3,755.95
07/19/2008	39,124,469.36	0.000096	3,755.95
07/20/2008	39,124,469.36	0.000096	3,755.95
07/21/2008	37,919,217.77	0.000096	3,640.24
07/22/2008	38,185,879.80	0.000096	3,665.84
07/23/2008	37,953,302.67	0.000095	3,605.56
07/24/2008	37,325,694.17	0.000095	3,545.94
07/25/2008	38,107,431.85	0.000095	3,620.21
07/26/2008	38,107,431.85	0.000095	3,620.21
07/27/2008	38,107,431.85	0.000095	3,620.21
07/28/2008	38,618,993.73	0.000095	3,668.80
07/29/2008	39,704,544.95	0.000095	3,771.93
07/30/2008	43,118,575.62	0.000095	4,096.26
07/31/2008	42,547,504.57	0.000095	4,042.01
08/01/2008	42,749,139.12	0.000095	4,061.17

**Kentucky Power Company**  
**Accounts Receivable Financing Balance and Cost Calculation**  
**Thirteen Months Ended October 31, 2008**

Date	A/R Balance	Daily Carrying Cost Charge	Carrying Cost Charge
08/02/2008	42,749,139.12	0.000095	4,061.17
08/03/2008	42,749,139.12	0.000095	4,061.17
08/04/2008	49,783,980.84	0.000095	4,729.48
08/05/2008	49,309,793.66	0.000095	4,684.43
08/06/2008	49,132,574.57	0.000095	4,667.59
08/07/2008	49,598,591.79	0.000095	4,711.87
08/08/2008	49,795,530.76	0.000095	4,730.58
08/09/2008	49,795,530.76	0.000095	4,730.58
08/10/2008	49,795,530.76	0.000095	4,730.58
08/11/2008	48,108,670.05	0.000095	4,570.32
08/12/2008	46,683,066.79	0.000095	4,434.89
08/13/2008	46,766,196.11	0.000096	4,489.55
08/14/2008	46,024,858.26	0.000096	4,418.39
08/15/2008	45,701,956.43	0.000096	4,387.39
08/16/2008	45,701,956.43	0.000096	4,387.39
08/17/2008	45,701,956.43	0.000096	4,387.39
08/18/2008	44,726,178.22	0.000096	4,293.71
08/19/2008	38,231,482.51	0.000096	3,670.22
08/20/2008	37,371,834.11	0.000095	3,550.32
08/21/2008	36,392,688.83	0.000095	3,457.31
08/22/2008	36,323,324.32	0.000095	3,450.72
08/23/2008	36,323,324.32	0.000095	3,450.72
08/24/2008	36,323,324.32	0.000095	3,450.72
08/25/2008	35,957,692.09	0.000095	3,415.98
08/26/2008	36,766,839.21	0.000095	3,492.85
08/27/2008	37,236,227.36	0.000095	3,537.44
08/28/2008	39,051,228.29	0.000095	3,709.87
08/29/2008	39,094,279.64	0.000095	3,713.96
08/30/2008	39,094,279.64	0.000095	3,713.96
08/31/2008	39,094,279.64	0.000095	3,713.96
09/01/2008	39,094,279.64	0.000095	3,713.96
09/02/2008	38,462,442.61	0.000095	3,653.93
09/03/2008	39,510,301.89	0.000095	3,753.48
09/04/2008	44,091,912.34	0.000095	4,188.73
09/05/2008	43,671,149.02	0.000095	4,148.76
09/06/2008	43,671,149.02	0.000095	4,148.76
09/07/2008	43,671,149.02	0.000095	4,148.76
09/08/2008	44,046,776.18	0.000095	4,184.44
09/09/2008	43,207,925.30	0.000095	4,104.75
09/10/2008	42,184,870.97	0.000096	4,049.75
09/11/2008	41,997,884.85	0.000096	4,031.80
09/12/2008	41,506,687.66	0.000096	3,984.64
09/13/2008	41,506,687.66	0.000096	3,984.64
09/14/2008	41,506,687.66	0.000096	3,984.64
09/15/2008	41,045,087.09	0.000096	3,940.33
09/16/2008	40,838,932.26	0.000096	3,920.54
09/17/2008	39,941,532.97	0.000096	3,834.39
09/18/2008	39,806,912.94	0.000096	3,821.46
09/19/2008	33,867,365.49	0.000096	3,251.27
09/20/2008	33,867,365.49	0.000096	3,251.27
09/21/2008	33,867,365.49	0.000096	3,251.27

**Kentucky Power Company**  
**Accounts Receivable Financing Balance and Cost Calculation**  
**Thirteen Months Ended October 31, 2008**

Date	A/R Balance	Daily Carrying Cost Charge	Carrying Cost Charge
09/22/2008	33,113,172.90	0.000096	3,178.86
09/23/2008	31,237,539.56	0.000096	2,998.80
09/24/2008	31,235,913.97	0.000101	3,154.83
09/25/2008	32,114,217.64	0.000101	3,243.54
09/26/2008	33,033,024.15	0.000101	3,336.34
09/27/2008	33,033,024.15	0.000101	3,336.34
09/28/2008	33,033,024.15	0.000101	3,336.34
09/29/2008	35,520,919.12	0.000101	3,587.61
09/30/2008	35,708,379.72	0.000101	3,606.55
10/01/2008	35,428,485.98	0.000101	3,578.28
10/02/2008	40,718,053.24	0.000101	4,112.52
10/03/2008	40,686,008.12	0.000101	4,109.29
10/04/2008	40,686,008.12	0.000101	4,109.29
10/05/2008	40,686,008.12	0.000101	4,109.29
10/06/2008	40,712,381.05	0.000101	4,111.95
10/07/2008	41,022,551.69	0.000101	4,143.28
10/08/2008	41,063,903.35	0.000107	4,393.84
10/09/2008	40,645,767.41	0.000107	4,349.10
10/10/2008	40,786,765.35	0.000107	4,364.18
10/11/2008	40,786,765.35	0.000107	4,364.18
10/12/2008	40,786,765.35	0.000107	4,364.18
10/13/2008	40,250,876.90	0.000107	4,306.84
10/14/2008	40,661,595.73	0.000107	4,350.79
10/15/2008	39,359,653.68	0.000116	4,565.72
10/16/2008	35,524,858.98	0.000116	4,120.88
10/17/2008	35,619,429.08	0.000116	4,131.85
10/18/2008	35,619,429.08	0.000116	4,131.85
10/19/2008	35,619,429.08	0.000116	4,131.85
10/20/2008	34,674,928.15	0.000116	4,022.29
10/21/2008	34,564,524.03	0.000116	4,009.48
10/22/2008	33,325,698.85	0.000116	3,865.78
10/23/2008	33,681,833.82	0.000118	3,974.46
10/24/2008	34,856,497.08	0.000118	4,113.07
10/25/2008	34,856,497.08	0.000118	4,113.07
10/26/2008	34,856,497.08	0.000118	4,113.07
10/27/2008	35,177,497.08	0.000118	4,150.94
10/28/2008	37,786,644.88	0.000118	4,458.82
10/29/2008	39,384,543.95	0.000121	4,765.53
10/30/2008	40,199,889.23	0.000121	4,864.19
10/31/2008	42,003,352.54	0.000121	5,082.41
<b>Average</b>	<b>39,995,375.44</b>	<b>0.000123786</b>	

**Average Annual  
4.4563% Carrying Cost Rate**



ES FORM 3.15

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT  
 CURRENT PERIOD REVENUE REQUIREMENT  
 BIG SANDY PLANT COST OF CAPITAL

For the Expense Month of XXXXXXXX XX, XXXX

LINE NO.	Component	Balances	Cap. Structure	Cost Rates		WACC (Net of Tax)	GRCF		WACC (PRE-TAX)	
		As of 10/31/2008								
1	L/T DEBT	\$450,000,000	46.274%	6.08%		2.81%			2.81%	
2	S/T DEBT	\$68,207,639	7.014%	3.52%		0.25%			0.25%	
3	ACCTS REC									
3	FINANCING	\$39,995,375	4.113%	4.46%		0.18%			0.18%	
4	C EQUITY	\$414,267,048	42.599%	10.50%	1/	4.47%	1.5773	2/	7.06%	
5	TOTAL	\$972,470,062	100.000%			7.71%			10.30%	
1/	WACC = Weighted Average Cost of Capital Rate of Return on Common Equity per Case No. 2007 - 000381									
2/	Gross Revenue Conversion Factor (GRCF) Calculation:									
1	OPERATING REVENUE						100.0000			
2	UNCOLLECTIBLE ACCOUNTS EXPENSE (0.29%)						0.2900			
3	STATE TAXABLE PRODUCTION INCOME BEFORE 199 DEDUCTION						99.7100			
4	STATE INCOME TAX EXPENSE, NET OF 199 DEDUCTION (SEE BELOW)						5.6452			
5	FEDERAL TAXABLE PRODUCTION INCOME BEFORE 199 DEDUCTION						94.0648			
6	199 DEDUCTION PHASE-IN						5.6236			
7	FEDERAL TAXABLE PRODUCTION INCOME						88.4412			
8	FEDERAL INCOME TAX EXPENSE AFTER 199 DEDUCTION (35%)						30.9544			
9	AFTER-TAX PRODUCTION INCOME						57.4868			
10	GROSS-UP FACTOR FOR PRODUCTION INCOME:									
11	AFTER-TAX PRODUCTION INCOME						57.4868			
12	199 DEDUCTION PHASE-IN						5.6236			
13	UNCOLLECTIBLE ACCOUNTS EXPENSE						0.2900			
14	TOTAL GROSS-UP FACTOR FOR PRODUCTION INCOME (ROUNDED)						63.4004			
15	BLENDED FEDERAL AND STATE TAX RATE:									
16	FEDERAL (LINE 8)						30.9544			
17	STATE (LINE 4)						5.6452			
18	BLENDED TAX RATE						36.5996			
19	GROSS REVENUE CONVERSION FACTOR (100.0000 / Line 14)						1.5773			
	STATE INCOME TAX CALCULATION:									
1	PRE-TAX PRODUCTION INCOME						100.0000			
2	COLLECTIBLE ACCOUNTS EXPENSE (0.29%)						0.2900			
3	STATE TAXABLE PRODUCTION INCOME BEFORE 199 DEDUCTION						99.7100			
4	LESS: STATE 199 DEDUCTION						5.6236			
5	STATE TAXABLE PRODUCTION INCOME BEFORE 199 DEDUCTION						94.0864			
6	STATE INCOME TAX RATE						6.0000			
7	STATE INCOME TAX EXPENSE (LINE 5 X LINE 6)						5.6452			

Kentucky Power Company  
 Uncollected Accounts

Line No. (1)	Description (2)	Electric Revenues (3)	Accounts - Net Charged Off (4)	Percent of Electric Revenues (5)
1	12 Months Ended 10/31/2006	\$386,887,275	\$1,274,677	0.33%
2	12 Months Ended 10/31/2007	\$405,928,176	\$1,233,519	0.30%
3	12 Months Ended 10/31/2008	\$450,077,589	\$1,065,411	0.24%
4	Total	\$1,242,893,040	\$3,573,607	0.87%
5	Three Year Average	\$414,297,680	\$1,191,202	0.29%

