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ATTORNEYS

OCI 102007

PUBLIC SERVICE COMMISSION

HAND DELIVERED

October 10, 2007

Ms. Beth O'Donnell Executive Director Public Service Commission of Kentucky 211 Sower Boulevard P.O. Box 615 Frankfort, Kentucky 40602-0615

RE: P.S.C. Case No. 2006-00507

Dear Ms. O'Donnell:

This letter is being provided in response to Staff's request at the September 19, 2007 Informal Conference in this matter. As requested, Kentucky Power is providing a description of the metering equipment inaccuracies at two of the company's 44 interconnections, the results of its investigation of the inaccuracies, as well as the steps taken to address the issue. Additional information requested following the informal conference also is provided.

The Metering Equipment Inaccuracies.

In June, 2007, Kentucky Power discovered metering equipment inaccuracies at the Company's interconnections with Appalachian Power Company (Leach to South Neal tie line) and Ohio Power Company (Bellefonte-Pleasant Street tie line). The effect of the inaccuracies was to increase the total reported MWh consumed on the Kentucky Power system in May 2007 from 600,686 MWh (the correct reading) to 621,504 (the incorrect initially reported reading).

The cause of the inaccuracy was different at each interconnection. At the Leach to South Neal tie line interconnection, one of the parameters employed by the portion of the metering equipment that aggregates the usage data used the wrong plus/minus (inflow/outflow) designator as the result of a programming error. At the Bellefonte-Pleasant Street tie line interconnection the metering equipment was not synchronized with the Potential Transformer and Current Transformer settings thereby resulting in readings that were approximately 2/3 the correct reading.

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Kentucky Power's Investigation.

Upon discovering the metering equipment inaccuracies, Kentucky Power began testing the metering equipment at each of the company's 44 interconnections. That investigation confirmed that inaccuracies existed only at the Leach to South Neal and Bellefonte to Pleasant Street interconnections. In June, 2007, the metering equipment at the two interconnections was modified to correct the inaccuracies.

Following Kentucky Power's initial discovery of the problem it notified the Commission, the Attorney General and Kentucky Industrial Utility Customers, Inc. of the metering equipment inaccuracies on July 18, 2007.

The Adjustment in May, 2007 Billings.

The metering equipment inaccuracies produced erroneous settlements between Kentucky Power and its two sister utilities. As required by Section 8.6 of the Interconnection Agreement, Kentucky Power proposes to make a thirty day adjustment to correct the erroneous settlement. (Attachment 1).

When the adjustment is made, it will affect the Fuel Adjustment Clause (FAC) calculations, the System Sales calculations and the Environmental Surcharge calculations. The FAC, System Sales and Environmental Surcharge adjustments tend to offset one another with the net of which is \$66,075 credit to the customers. (Attachment 2). Therefore, the Company is proposing to make a one-time adjustment with the scheduled November 19, 2007 environmental surcharge, system sales tracker and fuel adjustment clause filings with the Commission. The adjustments will be reflected as a net credit on customers' December, 2007 bills and will be the filed cost data and the adjusted cost data for May, 2007.¹

Remedial Measures.

In addition to Kentucky Power correcting the metering equipment inaccuracies giving rise to the erroneous May, 2007 settlements and filings with the Commission, AEP established a task force to review metering equipment and metering equipment procedures system-wide and to propose process improvements. The following efforts have been undertaken:

¹ The June 18, 2007 FAC filing used estimated fuel cost. These fuel costs were trued up to actual in the July 19, 2007 filing. (Attachment 3). The System Sales data (Attachment 4) and the Environmental Surcharge cost data (Attachment 5), both of which were filed with the Commission on June 18, 2007, contained actual May, 2007 data.

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(a) Implemented a "90-Day" program to develop interim measures to detect and prevent additional metering equipment inaccuracies. The plan includes changes in metering equipment procedures, increased employee education and improvements in the collection and organization of information regarding metering equipment;

(b) Planned reductions in the number of tie lines connected to a single meter, thereby reducing the likelihood of inaccuracies being "masked;"

(c) Implementation of monthly meetings reviewing metering equipment system changes to ensure that the proper corresponding changes to metering equipment were implemented;

(d) An AEP-East System-wide analysis of the accuracy of the more than 800 metering locations on the AEP-East System is approximately 98% complete. To date, it is clear the metering equipment inaccuracies are not widespread;

(e) All changes to Kentucky Power's metering equipment have been more closely monitored since July, 2007. To date no further inaccuracies have been detected;

(f) Line loss studies for each of the eleven operating companies on the AEP system were commissioned. Kentucky Power's has been completed and filed with the Commission; and

(g) Metering Equipment at certain stations in Kentucky will be upgraded at a cost of approximately \$2 million.

Additional Staff Inquiries.

Following the informal conference, Staff asked the Company to address whether there is any tension between the maximum thirty day limit for adjustments under Section 8.6 of the Interconnection Agreement and the possibility that Appalachian Power Company (APCo) may be permitted by the West Virginia Commission to "true-up" the settlements to an earlier 2007 date. The answer is no. If the West Virginia Commission allows APCo to recover by way of its cost recovery mechanism the costs back to an earlier date in 2007, the AEP System has elected to transfer any sums beyond the thirty-day "contract period" to Kentucky Power in lieu of retaining the sums. As such, any adjustments beyond the thirty-day "contract period" will be unrelated to the Interconnection Agreement. Kentucky Power will apply any such adjustment to future monthly FAC, System Sales and Environmental Surcharge filings in the manner proposed for May, 2007.

Staff also inquired whether Section 8.6 of the Interconnection Agreement is applicable, suggesting that the inaccuracy arose in connection with equipment other than a <u>meter</u>. The

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Interconnection Agreement provision, however, is not limited to meters. Instead, it provides in pertinent part "[i]f on any test of *metering equipment*, an inaccuracy shall be disclosed exceeding two percent...." As such, the provision extends to inaccuracies in metering equipment and not just meters. Indeed, if the drafters of the Interconnection Agreement (as well as FERC which approved the agreement) had intended to limit Section 8.6's applicability to meters they would have so written.

The inaccuracies giving rise to Kentucky Power's report to the Commission occurred as a result of a programming error in the Consolidated Energy Accounting System ("CEAS") and the translation between the CT (Current Transformer) and the meter. The attached PowerPoint slide indicates (Attachment 6), the CEAS and CT are part of the metering equipment used by Kentucky Power in retrieving information concerning energy use.² As such, the error resulting from its operation is governed by Section 8.6 of the Interconnection Agreement.

Kentucky Power's Recommendation for Case No. 2006-00507.

Kentucky Power requests that the Commission issue an Order closing this two-year review because the proposed adjustment relates to a time period (May, 2007) beyond the October 31, 2006 ending date for the Commission's review in this proceeding. Any further adjustments as a result of developments in West Virginia can be considered in connection with the Company's next two-year review.

Very traly yours. Överstreet

cc: Larry Cook Michael Kurtz

 $^{^{2}}$ The MV-90, which is directly linked to the meter, is the system used to gather meter data information. It in turn is directly linked to the Statistical Analysis Software (SAS). The SAS is the feeder system for CEAS that pulls selected metering data from the MV-90 system.

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INTERCONNECTION AGREEMENT

BETWEEN

APPALACHIAN POWER COMPANY

KENTUCKY POWER COMPANY

OHIO POWER COMPANY

COLUMBUS AND SOUTHERN OFIO ELECTRIC COMPANY *

INDIANA & MICHIGAN ELECTRIC COMPANY

AND WITH

AMERICAN ELECTRIC POWER SERVICE CORPORATION,

AS AGENT

Dated: July 6, 1951, as modified and supplemented by:

Modification No. 1, August 1, 1951
Modification No. 2, September 20, 1962
Modification No. 3, April 1, 1975
Supplement No. 1 to
Modification No. 3, August 1, 1979
Supplement No. 2 to
Modification No. 3, August 27, 1979
Modification No. 4, November 1, 1980 *
Compliance Filing (FERC ordered), Opinion 266,
Docket Nos. ER82-579-006 and EL86-10-001

Pursuant to Modification No. 4 the terms "Member" and "Members", whenever said terms appear in the 1951 Agreement, shall, on and after the time when Modification No. 4 shall become effective, include Columbus Company. Members in proportion to their respective MEMBER LOAD RATIOS.

(The following illustrates the application of the principle and procedure for effecting such settlements:

It is assumed that Appalachian Company has delivered a block of SYSTEM INTERCHANGE TO FOREIGN COMPANY which has been supplied by carrying a block of load that would not otherwise be carried at Windsor Station of Chio Company; the out-ofpocket cost incurred by Ohio Company being 3.50 mills per kilowatt-hour.

Charges payable to and credits payable from the SYSTEM ACCOUNT for such energy shall be at the following rates: (1) charge Appalachian Company and Indiana Company at rates per kilowatthour equal to the product of 3.50 mills per kilowatt-hour and their respective MEMBER LOAD RATIOS, and (2) pay Ohio Company at a rate equal to the sum of the rates charged Appalachian Company and Indiana.)

As described under subdivision 7.5 above, electric power and energy for sales to Foreign Companies shall be considered to be supplied from the higher cost of the following two sources: (1) from the highest cost source carrying load on the System, excluding sources operated for minimum operating requirements, or (2) the highest cost source supplying electric power and energy to the System under arrangements with Foreign Companies. Similarly, following the determination and designation of such source for the aforesaid sales, electric power and energy for SYSTEM INTERCHANGE TO FOREIGN COMPANY deliveries shall be considered to be supplied from the higher cost of the balance of said two sources.

ARTICLE 8

DELIVERY POINTS, METERING POINTS AND METERING

Delivery Points

8.1 All electric energy delivered under this agreement shall be of the character commonly known as three-phase sixtycycle energy, and shall be delivered at the various Interconnection

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one Member on the premises of andrages of the owned and maintained by the Member installing such equipment. Upon termination of this agreement the Member owning such metering equipment shall remove it from the premises of the other Member. Authorized representatives of any Member shall have access at all reasonable hours to the premises where the meters are located and to the records made by the meters.

8.5 The aforesaid metering equipment shall be tested by the owner at suitable intervals and its accuracy of registration maintained in accordance with good practice. On request of any Member, special tests shall be made at the expense of the Member requesting such special test.

8.6 If on any test of metering equipment, an inaccuracy shall be disclosed exceeding two percent, the account between the Members for service theretofore delivered shall be adjusted to correct for the inaccuracy disclosed over the shorter of the following two periods: (1) for the thirty-day period immediately preceding the day of the test or (2) for the period that such inaccuracy may be determined to have existed. Should the metering equipment as hereinabove provided for fail to register at any time, the electric power and energy delivered shall be determined from the check meters, if installed, or otherwise shall be determined from the best available data.

ARTICLE 9

RECORDS AND STÄTEMENTS

9.1 In addition to meter records to be kept by the Members as provided under Article 8, the Members shall keep in duplicate such log sheets and other records as may be needed to afford a clear history of the various deliveries of electric power and energy made pursuant to the provisions of this agreement. The

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Kentucky Power Company Period of May 2007 - Revised

Line No.	Description	As Filed	Revised	Benefit to the Customer
(1)	Fuel Costs	10,896,965 (A)	10,906,930 (B)	(9,965)
(2)	Customer's Share of System Sales	412,452	293,414 *	(119,038) (C)
(3)	Environmental Surcharge	949,835	754,757 *	195,078 (D)
(4)	Total	12,259,252	11,955,10 1 *	66,075

- * There was a small change to the SO2 Emission Allowance Inventory which resulted in a \$1,708 increase in the environmental revised costs. This in turn changed the environmental costs applicable to System Sales, which revised the Customer's Share of System Sales amount by a \$390 decrease from what was handed out during the September 19, 2007 informal conference.
- (A) See Page 5 of 33
- (B) See Page 9 of 33
- (C) See Page 10 of 33, Line 8
- (D) See Page 11 of 33

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Kentucky Power Company Period of May 2007

	As Filed	Revised	Benefit to the Customer
Fuel Costs	10,896,965	10,906,930	(9,965)
Customer's Share of System Sales	412,452	293,804	(118,648)
Environmental Surcharge	949,835	753,049	196,786
Total	12,259,252	11,953,783	68,173

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KENTUCKY POWER COMPANY POWER TRANSACTION SCHEDULE May 2007

TRANSACTION TYPES *

F	FIRM
LT-CAP	LONG TERM CAPACITY
L-TERM	LIMITED TERM
S-TERM	SHORT TERM
PRE	PRE-SCHEDULED
RESCAP	RESERVED CAPACITY
ARS-EMRG	AUTO RESERVE SHARING - EMERG.
EXP-CONG	EXPLICIT CONGESTION
IMP-CONG	IMPLICIT CONGESTION
SPOT-ENG	PJM MARKET SPOT ENERGY
ND	NON-DISPLACEMENT
SUPP	SUPPLEMENTAL (OVEC)
EMERG	EMERGENCY
CMP-UPR	UNIT POWER
NF	NON-FIRM
PKPWR	PEAKING POWER
CCS;COALPH	COAL CONVERSION SVC.
GENLOS	GENERATION LOSS
BKI-EXCS	BUCKEYE EXCESS POWER
U-ENERGY	UNIT ENERGY

OTHER

HR	HOURLY
DY	DAILY
WK	WEEKLY
MO	MONTHLY
YR	YEAR
PH	PHYSICAL

* Due to voluminous transactions, they are aggregated by type rather that by interconnected utility.

KENTUCKY POWER COMPANY POWER TRANSACTION SCHEDULE MONTH ENDED: MAY 2007

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PURCHASES		BILLING COMPONENTS				
TRANSACTION TYPE	MWH	FUEL CHARGE	DEMAND	OTHER CHARGES	TOTAL CHARGES	
		(\$)	(\$)	(\$)	(\$)	
DY-2F	29,568	1,057,308.72	0.00	264,323.57	1,321,632.29	
HR-2NF	795	46,437.35	0.00	9,147.17	55,584,52	
EXP-CONS	0	0.00	0.00	2,561.13	2,56113	
IMP-CONS	0	0.00	0.00	373,772.42	373,772.42	
SPOT-ENG	34,064	1,300,587.97	0.00	325,146,01	1,625,733.98	
DY-F	128	6,277.92	0.00	1,569.44	7,847.36	
DY-NF	236	11,510.57	0.00	2,877.68	14,388.25	
HR-NF	3.827	145,398.08	0.00	36,349.18	181,747.26	
	68,618 ⁽¹⁾	2,567,520.61	0.00	1,015,746.60	3,583,267.21	
AEP POOL PRIMARY PURCHASES:	188,367 •	2,501,037.00	0.00	436,870.00	2,937,907.00	
INTERRUPTIBLE BUY/THROUGH						
(AEP AFF. COS.)	0	0.00	0.00	0.00	0.00	
BOOKOUTS/OPTIONS:	271,660	0.00	0.00	10,129,459.00	10,129,459.00	
TOTALS:	528,645	5,068,557.61	0.00	11,582,075.60	16,650,633.21	

	<u>wwh</u>	Total Energy Charges
(1) ALLOCATED TO SYSTEM SALES:	65,575	3,225,197.66
ALLOCATED TO INTERNAL CUSTOMERS:	3,043	358,069.55
	68,618	3,583,267.21
LESS: PJM IMPLICIT CONGESTION INCLUDED IN THE INTERNAL CUSTOMER'S FIGURE:	0	314,378.49
NET INCLUDABLE ENERGY CHARGES:	68,618	3,268,888.72

NOTE:

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IN THE ABOVE TRANSACTIONS THERE WERE NO PURCHASES AS A RESULT OF FORCED OUTAGES AT BIG SANDY PLANT.

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KENTUCKY POWER COMPANY POWER TRANSACTION SCHEDULE MONTH ENDED: MAY 2007

	-			BILLING COMPON	VENTS	
SALES	KPCO MLR	SUPPLIED BY KPCO				
	SHARE OF	SOUR				
TRANSACTION	DELIVERED		FUEL		OTHER	TOTAL
TYPE	MWH .	MWH	CHARGE	DEMAND	CHARGES	CHARGES
			(\$)	(\$)	(\$)	(\$)
LT-CAP	11,466	B,412	149,812.10	230,256.00	42,120.19	422,188.2
RESCAP	D	0	0.00	18,051,77	0.00	18,051.7
DV-2F	102,366	73,212	1,902,253,81	0.00	3,224,275.93	5,126,529.7
DY-2NF	0	90	4,549,68	0.00	3,971.36	B,521.0
CMP-UPR	0	D	0,00	43,992.00	0,00	43,992.0
SPOT-ENG	61,731	46,665	1,529,631,07	0.00	923,313.74	2,452,944.8
MO-F	32,934	22,739	418,080.90	389,056,74	712,981,23	1,520,118.8
DY-F	816	736	23,397.02	0.00	31,969,38	55,366.4
DY-NF	9,102	4,893	138,962.43	0,00	228,869.36	367,831.7
HR-NF	2,164	1,348	52,123.72	0.00	61,223,10	113,346.8
GENLOS	7	1	64.46	0.00	(64.46)	0,0
BKI-EXCS	<u>235</u>	<u>238</u>	16,187.38	0.00	<u>4,548.04</u>	20,735,4
	220,821	158,334	4,200,635.17 ⁽¹	681,356.51	5,267,635.27	10,149,626.9
AEP POOL SALES (PRIMARY/ECONOMY)	0	58,971	1,188,247.00	0.00	243,067.00	1,431,314.0
NTERRUPTIBLE BUY/THROUGH AEP AFF. CO./KY EL STEEL)	0	17	975.00	0.00	254.00	1,229.0
ookouts/options:	304,969	O	0.00	0.00	10,541,925.00	10,541,925.0
FOTALS:	525,790	217,322	5,389,857.17	681,356.51	16,052,BB1.27	22,124,094.9
PCo's other costs incurred, (other	than fuel from A	ccount 151):				1,176,890.9
PCo's MLR share of AEP energy c	est less the actual	l energy costs in	curred by KPCa:			2,214,910.5
PCo's MLR share of the differenc	e (Total AEP ener	gy charges - Tot	al AEP energy costs):		1,875,833.8
Total (Other Charges):						5,267,635.2

⁽¹⁾ Includes (\$34,427.40) adjustment for chemicals carried over to Other Charges.

KPSC Case No. 2006-00507 FINAL SCHEDULE MAY 2007 COSTS - ACTUAEtter Dated October 10, 2007 Attachment 2 Page 6 of 34

KENTUCKY POWER COMPANY FUEL COST SCHEDULE MONTH ENDED: MAY 2007

FUEL CUST SCHEDULE					
MONTH ENDED: MAY 2007					FUEL
	BIG SANDY	ROCKPORT	ROCKPORT		AMOUNTS
(A) COMPANY GENERATION	(PLANT)		UNIT #2	-	(\$)
COAL BURNED	8,537,426.25	2,289,020.00	0.00		10,826,446.25
OIL BURNED	302,589.19	80,480.00	0.00		383,069.19
GAS BURNED	002,007.27		••••	_	
FUEL (JOINTLY OWNED PLANT)					
FUEL (ASSIGNED COST DURING F.O.)					
(0 × 0.000)					0,00
FUEL (SUBSTITUTE FOR F.O.)					
SUB-TOTAL					11,209,515.44
(B) PURCHASES					
NET ENERGY COST - ECONOMY PURCHASES					0.00
					5,769,925.72
⁽¹⁾ IDENTIFIABLE FUEL COST - OTHER PURCHASES IDENTIFIABLE FUEL COST (SUBSTITUTE FOR F.O.	١				J,I UJ, EUJ, EUJ, E
IDENTIFIABLE OCC COST (SOBSTITUTE OKT.O.	.,				
(0×0.000)					0.00
SUB-TOTAL					5,769,925.72
(C) INTER-SYSTEM SALES					
⁽¹⁾ FUEL COSTS					6,082,476.16
TOTAL FUEL COSTS (A + B - C)					10,896,965.00
F.O. = FORCED OUTAGE					
DETAILS:					
FUEL (ASSIGNED COST DURING F.O.)					
QUANTITY OF SUBSTITUTE ENERGY GIVEN AN A. AT THE BIG SANDY FUEL RATE OF:	SSIGNED COST	(Kwh): 20.509	MILLS/KWH	\$	0 0,00
IDENTIFIABLE FUEL COST (SUBSTITUTE FOR F.O.	.)				•
PURCHASES SUBSTITUTED FOR F.O.:					
PRIMARY ENERGY (AEP POOL) 00,000,000	kWH	13.277	MILLS/KWH	,	0,00
CASH PURCHASES FROM NON-AFFILIATED COS.	0 kWH		MILLS/KWH	\$	0.00
TOTAL PURCHASES (IDENTIFIABLE FUEL COST)					
(SUBSTITUTE FOR F.O.):	Kwh	13.277	MILLS/KWH	\$	0.00
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(1) INCLUDES TOTAL ENERGY COSTS OF NON-ECONOMY PURCHASES AS PER KPSC ORDER OF OCTOBER 3, 2002 TN CASE NO. 2000-00495-B.

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 2 KENTUCKY POWER4COMPANY POWER TRANSACTION SCHEDULE May 2007

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(FINAL)

07/19/07

TRANSACTION TYPES *

F	FIRM
LT-CAP	LONG TERM CAPACITY
L-TERM	LIMITED TERM
S-TERM	SHORT TERM
PRE	PRE-SCHEDULED
RESCAP	RESERVED CAPACITY
ARS-EMRG	AUTO RESERVE SHARING - EMERG.
EXP-CONG	EXPLICIT CONGESTION
IMP-CONG	IMPLICIT CONGESTION
SPOT-ENG	PJM MARKET SPOT ENERGY
ND	NON-DISPLACEMENT
SUPP	SUPPLEMENTAL (OVEC)
EMERG	EMERGENCY
CMP-UPR	UNIT POWER
NF	NON-FIRM
PKPWR	PEAKING POWER
CCS;COALPH	COAL CONVERSION SVC.
GENLOS	GENERATION LOSS
BKI-EXCS	BUCKEYE EXCESS POWER
U-ENERGY	UNIT ENERGY

OTHER

HR	HOURLY
DY	DAILY
WK	WEEKLY
MO	MONTHLY
УR	YEAR
PH	PHYSICAL

* Due to voluminous transactions, they are aggregated by type rather that by interconnected utility.

KENTUCKY POWER COMPANY POWER TRANSACTION SCHEDULE MONTH ENDED: MAY 2007

POWER TRANSACTION SCHEDULE MONTH ENDED: MAY 2007		KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 2 Page 8 of 34 BTH TNG COMPONENTS				
PURCHASES	•		BILLING COMPC	NEN 15		
TRANSACTION		FUEL		OTHER	TOTAL	
туре	MWH	CHARGE	DEMAND	CHARGES	CHARGES	
		(\$)	(\$)	(\$)	(\$)	
DY-2F	22,303	973,675.60	0.00	243,415.58	1,217,091.18	
HR-2NF	729	42,764.16	0.00	8,423.63	51,187.78	
EXP-CONG	0	0.00	0.00	2,358.54	2,358.54	
IMP-CONG	0	0.00	0.00	344,207.02	344,207.02	
SPOT-ENG	31,364	1,197,711.46	0.00	299,426.96	1,497,138.42	
DY-F	96	5,781.34	0.00	1,445.30	7,226.63	
DY-NF	220	10,600.08	0.00	2,650.06	13,250.14	
HR-NF	<u>3,437</u>	133,897.09	0.00	<u>33,473.96</u>	<u>167,371.05</u>	
	58,149 ⁽¹⁾	2,364,429.73	0.00	935,401.04	3,299,830.77	
AEP POOL PRIMARY PURCHASES:	188,626 +	2,504,387.00	0.00	437,613.00	2,942,000.00	
INTERRUPTIBLE BUY/THROUGH						
(AEP AFF. COS.)	0	0.00	0.00	0.00	0.00	
BOOKOUTS/OPTIONS:	250,172	0.00	0.00	9,328,218.79	9,328,218.79	
TOTALS:	496,947	4,868,816.73	0.00	10,701,232.84	15,570,049.57	

	<u>MWH</u>	<u>Total Energy Charges</u>
(1) ALLOCATED TO SYSTEM SALES:	55,426	2,970,084.53
ALLOCATED TO INTERNAL CUSTOMERS:	2,723	329,746.25
	58,149	3,299,830,77
LESS: PJM IMPLICIT CONGESTION INCLUDED IN THE INTERNAL CUSTOMER'S FIGURE:	0	289,511.15
NET INCLUDABLE ENERGY CHARGES:	58,149	3,010,319.62

NOTE:

IN THE ABOVE TRANSACTIONS THERE WERE NO PURCHASES AS A RESULT OF FORCED OUTAGES AT BIG SANDY PLANT.

KENTUCKY POWER COMPANY POWER TRANSACTION SCHEDULE MONTH ENDED: MAY 2007

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MONTH ENDED: MAY 2007		BILLING COMPONENTS								
SALES	KPCO MLR	SUPPLIED	BY KPCO							
	SHARE OF	SOUR								
TRANSACTION	DELIVERED		FUEL		OTHER CHARGES	TOTAL CHARGES				
TYPE	<u>MWH</u>	MWH	CHARGE	DEMAND	(\$)	(\$)				
			(\$)	(\$)	(<i>Ф</i>)	(4)				
LT-CAP	10,416	8,336	149,812.10	212,042.75	38,788.48	388,793.20				
RESCAP	0	0	0.00	16,623,87	0.00	16,623.87				
DY-2F	89,525	70,035	1,902,253.81	0.00	2,969,235.70	4,721,021.24				
DY-2NF	0	98	4,549.68	0.00	3,657.23	7,847.03				
CMP-UPR	0	0	0.00	40,512.23	0.00	40,512.23				
SPOT-ENG	56,845	40,967	1,529,631.07	0.00	850,279.62	2,258,916.88				
MO-F	29,861	22,351	418,080.90	358,282.35	656,584.41	1,399,877.47				
DY-F	688	675	23,397.02	0.00	29,440.60	50,986.92				
DY-NF	8,342	4,465	138,962.43	0.00	210,765.79	338,736.30				
HR-NF	1,930	1,054	52,123.72	0.00	56,380.35	104,381.09				
GENLOS	7	1	64.46	0.00	(59.36)	0.00				
BKI-EXCS	219	<u>203</u>	<u>16,187.38</u>	0.00	<u>4,188.29</u>	19,095.25				
	197,833	148,185	4,200,635.17	627,461.21	4,853,688.53	9,346,791.46				
Includes Purchase Adju	istment see Note 2	148,185	4,000,308.20 (1)							
		0	(200,326.97) ⁽²⁾							
AEP POOL SALES (PRIMARY/ECONOMY)	0	58,421	1,178,176.00	0.00	241,337.00	1,419,513.00				
INTERRUPTIBLE BUY/THROUG (AEP AFF. CO./KY EL. STEEL)	GH 0	17	975.00	0.00	254.00	1,229.00				
SOOKOUTS/OPTIONS:	280,846	0	0.00	0.00	9,708,058.73	9,708,058.73				
TOTALS:	478,679	206,623	5,179,459.20	627,461.21	14,803,338.26	20,475,592.19				
KPCo's other costs incurred, (otl	her than fuel from Ac	count 151):				1,086,522.07				
KPCo's MLR share of AEP energy	cost less the actual	energy costs ir	ncurred by KPCo:			2,039,711.0B				
KPCo's MLR share of the differe):		1,727,455.38				
te de o Miller alter e et tite el tore		4		-						
Total (Other Charges):						4,853,688.53				

⁽¹⁾ Includes (\$34,427,40) adjustment for chemicals carried over to Other Charges.

⁽²⁾ Purchases allocated to sales adjustment due to change is MLR.

Letter Dated October 10, 2007

Attachment 2 Page 10 of 34

KENTUCKY POWER COMPANY FUEL COST SCHEDULE MONTH ENDED: MAY 2007

	FUEL COST SCHEDULE					
	MONTH ENDED: MAY 2007	BIG SANDY	ROCKPORT	ROCKPORT		FUEL AMOUNTS
	(A) COMPANY GENERATION	(PLANT)	UNIT #1	UNIT #2		(\$)
	COAL BURNED OIL BURNED GAS BURNED	8,537,426.25 302,589.19	2,289,020.00 80,480.00	0.00 0.00		10,826,446.25 383,069.19
	FUEL (JOINTLY OWNED PLANT) FUEL (ASSIGNED COST DURING F.O.) (0 × 0.000) FUEL (SUBSTITUTE FOR F.O.)					0.00
	SUB-TOTAL					11,209,515.44
	(B) PURCHASES					
(1)	NET ENERGY COST - ECONOMY PURCHASES IDENTIFIABLE FUEL COST - OTHER PURCHASES IDENTIFIABLE FUEL COST (SUBSTITUTE FOR F.O.)	,				0.00 5,514,706.62
	(0 × 0.000)					0.00
	SUB-TOTAL					5,514,706.62
	(C) INTER-SYSTEM SALES					
(1)	FUEL COSTS					5,817,292.03
	TOTAL FUEL COSTS (A + B - C)					10,906,930.04 (<u>Å</u>
	F.O. = FORCED OUTAGE					
	DETAILS: FUEL (ASSIGNED COST DURING F.O.)					
	QUANTITY OF SUBSTITUTE ENERGY GIVEN AN AS AT THE BIG SANDY FUEL RATE OF:	SIGNED COST ((Kwh): 20.509	MILLS/KWH	\$	0 0.00
	IDENTIFIABLE FUEL COST (SUBSTITUTE FOR F.O.) PURCHASES SUBSTITUTED FOR F.O.:					
	PRIMARY ENERGY (AEP POOL) 00,000,000 CASH PURCHASES FROM NON-AFFILIATED COS. 0	kWH kWH	13.277	MILLS/KWH MILLS/KWH	-	0.00 0.00
	TOTAL PURCHASES (IDENTIFIABLE FUEL COST) (SUBSTITUTE FOR F.O.):	Kwh	13.277	MILLS/KWH	\$	0.00

⁽¹⁾ INCLUDES TOTAL ENERGY COSTS OF NON-ECONOMY PURCHASES AS PER KPSC ORDER OF OCTOBER 3, 2002 IN CASE NO. 2000-00495-B.

Revised - 09/20/2007

KENTUCKY POWER COMPANY

SYSTEM SALES CLAUSE SCHEDULE & NET REVENUE

						KPS0 Letter	Dated (Attac	No. 2(Octob hmen 11 of	006-00507 er 10, 2007 t 2 II 34 NJ III III	(\$817,692)	0	(817,692)	(\$557,505)	0	(90,133)	(647,638)	(\$170,054)
								AS FILED	TOTAL	\$10,342,695	0	10,342,695	\$7,051,690	0	336,225	7,387,915	\$2,954,780
								AS FILED	PRIOR MO. TRUE-UP ADJUSTMENT	(\$29,262)	0	(29,262)	\$166,204	0	0	166,204	(\$195,466)
						(C)		AS FILED	CURRENT MONTH	\$10,371,957	0	10,371,957	\$6,885,486	0	336,225	7,221,711	\$3,150,246
	May 2007	DIFFERENCE	(\$170,054) \$0	(\$170,054) \$0	(\$170.054) 70%	(\$119,038)		REVISED	TOTAL	\$9,525,003	0	9,525,003	\$6,494,185	D	246,092	6,740,277	\$2,784,726
STSTEW SALES CLAUSE SOUTH VIEW	Month Ended: 1	AS FILED	\$2,954,780 \$0	\$2,954,780 \$2,365,563	\$589,217 70%	\$412,452		REVISED	PRIOR MO. TRUE-UP ADJUSTMENT	(\$29,262)	0	(29,262)	\$166,204	0	0	166,204	(\$195,466)
OTOLEW GALE	R	REVISED		\$2,784,726 \$2,365,563) \$419,163) 70%) \$293,414		REVISED	CURRENT MONTH	\$9,554,265	0	9,554,265	\$6,327,981	0	\$246,092	6,574,073	\$2,980,192
			Current Month (TM) Net Revenue Level @ 70%	1 + Ln 2) nue Level	Increase/(Decrease) of System Sales Net Revenue (Ln 3 - Ln 4) Customer 70% Sharing (X)	Customer 60% Sharing Customer Share of Increase/(Decrease) in System Sales Net Revenue (Ln 5 * Ln 7) Current Month (Sm) Sales level (Pg 3)	System Sales Clause Factor - \$/NWII (Ln 8 / Ln 9)			Sales For Resale Revenues	Interchange-Delivered Revenues	Total System Sales Revenues	Sales For Resale Expenses	Interchange-Delivered Expenses	Non-Associated Utilities Monthly Environmental Costs *	Total System Sales Expenses	Total System Sales Net Revenues
		Line No.	, (N 69 4	ບບ	8 0	10		Line No.		2	ന	4	ស	9	7	8

Revised - 09/20/2007

KPSC Case No. 2006-00507

Letter Dated October 10, 2007 KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGEIRER/PET CALCULATION OF E(m) and SURCHARGE FACTPEge 12 of 34 For the Expense Month of May 2007

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	<u>CALCULATION OF E(m)</u> E(m) ≈ CRR - BRR	Revised Amount	Amount Filed	Difference
LINE 1	CRR from ES FORM 3.00	\$2,613,486	\$2,915,796	(\$302,310)
LINE 2	Brr from ES FORM 1.10	\$1,514,859	\$1,514,859	\$D
LINE 3	E(m) (LINE 1 - LINE 2)	\$1,098,627	\$1,400,937	(\$302,310)
LINE 4	Kentucky Retail Jurisdictional Allocation Factor, from ES FORM 3.30, Schedule of Revenues, LINE 1	68.7%	67.8%	0.9%
LINE 5A	KY Retail E(m) (LINE 3 * LINE 4)	\$754,757	\$949,835	(\$195.078)
LINE 5B	Monthly Increase in Jurisdictional Environmental Revenue Requirement per Case No. 2006-00128, dated January 31, 2007	\$95,494	\$95,494	\$D
LINE 6	Over/(Under) Recovery Adjustment from ES FORM 3.30	(\$168,809)	(\$168,809)	\$0
LINE 7	Net KY Retail E(m) (LINE 5A + LINE 5B + LINE 6)	\$681,442	\$876,520	(\$195,078)
	SURCHARGE FACTOR			
LINE 8	Net KY Retall E(m) (Line 7)	\$681,442	\$876,520	(\$195,078)
LINE 9	KY Retail R(m) from ES FORM 3.30	\$28,451,204	\$28,451,204	\$0
LINE 10	Environmental Surchage Factor for Expense Month (Line 8 / LINE 9)	2.3951%	3.0808%	-0.6857%

Effective Date for Billing:

Submitted By :

Title :

Director Regulatory Services

Date Submitted :

Note: Total Environmental Cost	Amount \$1,098,627	Percentage of Revenues	Amount \$1,400,937	Percentage of Revenues	Difference (\$302,310)
Kentucky Retail Revenues	\$754,757	68.7%	\$949,835	67.8%	(\$195.078)
FERC Wholesale Revenues	\$13,184	1.2%	\$15,410	1.1%	(\$2,226)
Associated Utilities Revenues	\$84,594	7.7%	\$99,467	7.1%	(\$14,873)
Non-Assoc. Utilities Revenues (Off System Sales)	\$246,092	22.4%	\$336,225	24.0%	(\$90,133)
Total	\$1,098,627	100.0%	\$1,400,937	100.0%	(\$302,310)

(D)

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KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 2 Page 13 of 34

ES FORM 1.10

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KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT BASE PERIOD REVENUE REQUIREMENT For the Expense Month of May 2007

MONTHLY BASE PERIOD REVENUE REQUIREMENT

Billing Month	Base Net Environmental Costs
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER TOTAL	\$2,531,784 3,003,995 2,845,066 2,095,535 1,514,859 1,913,578 2,818,212 2,342,883 2,852,305 2,181,975 2,598,522 1,407,969 \$28,106,683 =========

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 2 Page 14 of 34 KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT For the Expense Month of May 2007

CALCULATION OF CURRENT PERIOD REVENUE REQUIREMENT

LINE NO.	COMPONENTS		
1	First Component: Associated with Big Sandy Plant ((RB KP(C)) (ROR KP(C)/12)) + OE KP(C) ES FORM 3.10, Line 20		\$2,895,585
2	Second Component: Associated with Rockport Plant [((RB IM(C)) (ROR IM(C)/12)) + OE IM(C) ES FORM 3.20, Line 12		\$48,438
	 Third Component: Net Proceeds from Emission Allowances Sales AS 1) SO2 - EPA Auction Proceeds received during Expense Month 	\$0	
	 SO2 - Net Gain or (Loss) from Allowance Sales, in compliance with the AEP Interim Allowance Agreement, received during Expense Month 	\$330,537	
	Total Net Proceeds from SO2 Allowances	\$330,537	
	1) NOx - ERC Sales Proceeds, received during Expense Month	\$0	
	2) NOx - EPA Auction Proceeds, received during Expense Month	\$0	
	 NOx - Net Gain or Loss from NOx Allowances Sales, received during Expense Month 	\$0	
	Total Net Proceeds from NOx Allowances	\$0	
3	Total Net Gain or (Loss) from Emission Allowance Sales	4, <u></u>	\$330,537
4	Total Current Period Revenue Requirement, CRR Record on ES FORM 1.00.		\$2,613,486

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KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 2 CURRENT PERIOD REVENUE REQUIREMENT COSTS ASSOCIATED WITH BIG SANDY

LINE			
NO.	COST COMPONENT		
	Return on Rate Base :		
		\$191,086,055	
	Utility Plant at Original Cost	(\$34,229,909)	
2	Less Accumulated Depreciation	(\$33,572,199)	
3	Less Accum. Def. Income Taxes	(\$33,572,183)	\$123,283,947
4	Net Utility Plant		\$11,701,731
5	SO2 Emission Allowance Inventory from ES FORM 3.11		\$0
6	ECR & NOx Emission Allowance Inventory from ES FORM 3.12		\$100,469
7	Cash Working Capital Allowance from ES FORM 3.13, Line11		\$135,086,147
8	Total Rate Base	10.15%	
9 10	Weighted Average Cost of Capital - ES FORM 3.15 Monthly Weighted Avg. Cost of Capital (9) / 12		0.85%
			\$1,148,232
11	Monthly Return of Rate Base (8) * (10) Operating Expenses :		Ψ1, 140,202
12	Monthly Depreciation Expense		\$576,258
13	Monthly Catalyst Amortization Expense		\$46,030
	Monthly Property Taxes		\$15,153
14	Monthly Kentucky Air Emissions Fee		\$32,201
10	Monthly Environmental AEP Pool Capacity Costs		<i>\$02,201</i>
16	from ES FORM 3.14, Page 1 of 11, Column 5, Line 10		\$719,797
	Monthly 2003 Plan Non-Fuel O&M Expenses from ES FORM 3.13		\$235,191
18	Monthly SO2 Emission Allowance Consumption		\$122,723
19	Monthly ERC & NOx Emission Allowance Consumption		\$0
20	Total Operating Expenses [Line 12 thru Line 18]		\$1,747,353
21	Total Revenue Requirement - Big Sandy		,
	Record on ES FORM 3.00, Line 1		\$2,895,585
			• • • • • • • • • •

Letter Dated October 10, 2007 Attachment 2 AMERICAN ELECTRIC POWER - ENVIRON Might Standar SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT SO2 EMISSIONS ALLOWANCE INVENTORY

KPSC Case No. 2006-00507

For the Expense Month of May 2007

	(1)	(2)	(3)	(4)	(5)
	Allowance				
	Activity in	Cumulative	Dollar Value of		Weighted
	Month	Balance	Activity	Dollar Balance	Average Cost
		754 609		\$4,685,726	\$6.209
BEGINNING INVENTORY		754,608		\$4,005,720	φ0.209
Additions - EPA Allowances	0	298,425	\$0	\$0	\$0.000
Gavin Reallocation	0	62,114	\$0 \$0	\$0 \$0	\$0.000
P & E Transfers in	0	325,869	\$0	\$4,725,223	\$14.500
Intercompany Purchases	0	20,657	\$0 \$0	\$3,212,441	\$155.513
Other (List)	ů 0	428,624	\$0	\$67,006,514	\$156.329
SO2 Emissions Allowance	Ŭ	120,021	÷-	<i>•••••••••••••••••••••••••••••••••••••</i>	•••••
Adjustment	0	4	\$0	\$0	\$0.000
	-			•	
Withdrawals -					
P & E Transfers Out	0	9,038	\$0	\$775,253	\$85.777
Intercompany Sales	0	50,124	\$0	\$4,704,459	\$93.856
Off - System Sales	690	292,308	\$28,607	\$29,573,207	\$101.171
SO2 Emissions Allowance					
Adjustment	0	0	\$0	\$0	\$0.000
SO2 Emissions Allowances					
Consumed By Kentucky Power	2,959	425,895	\$122,723	\$32,875,254	\$77.191
ENDING INVENTORY - Record					
Balance in Column (4) on					
ES FORM 3.10, Line 5		1,112,936		\$11,701,731	\$10.514
			*		
Expense Month Member Load Ratio for	or AEP/Kentucky	Power			0.06896

Columns 1 and 2 -

Record the number of allowances in any transaction (purchase, sale, transfer) which occurred during the Expense Month. Multiple transactions for a given category are to be shown as the total activity for that category during the Expense Month. For each transaction shown in Column 1, update the cumulative balance in Column 2.

Columns 3 and 4 -

For each transaction reflected in Column 1, record the total dollars of the transaction. Multiple transaction for a given category are to be shown as the total dollar amount for that category during the Expense Month. For each transaction shown in Column 3, update the cumulative dollar balance in Column 4. Include transactions that total zero dollars. Record amounts in whole dollars.

Column 5 -

Compute the Weighted Average Cost by dividing the Cumulative Dollar Balance (Co. 4) by the corresponding Cumulative Balance (Col. 2). Perform this calculation for the Beginning Inventory, Ending Inventory and all additions and withdrawals made during the Expense Month. The Weighted Average Cost should be carried out to 3 decimal places.

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 2 Page 17 of 34

ES FORM 3.12

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT ECR and NOX EMISSIONS ALLOWANCE INVENTORY

For the Expense Month of May 2007

	(1) Allowance Activity in Month	(2) Cumulative Balance	(3) Dollar Value of Activity	(4) Cumulative Dollar Balance	(5) Weighted Average Cost
BEGINNING INVENTORY Additions -		0		\$0	0.000
EPA Allowances	0	18,575	\$0	\$0	
P&E Transfers In	0	0		\$0	
Intercompany Purchases	0	0	\$0	\$0	0.000
Other (List) Withdrawals -	0	0	\$0	\$0	0.000
P & E Transfers Out	0	0	\$0	\$0	0.000
Intercompany Sales	0	0	\$0	\$0	0.000
Off - System Sales	0	1,650	\$0	\$0	0.000
ERC Consumed By Kentucky Power	0	930	\$0	\$0	0.000
NOx Consumed By Kentucky Power	449	7,562	\$0	\$0	0.000
ENDING INVENTORY - Record Balance in Column (4) on ES FORM 3.10, Line 5		8,433		\$0	0.000

Columns 1 and 2 -

Record the number of allowances in any transaction (purchase, sale, transfer) which occurred during the Expense Month. Multiple transactions for a given category are to be shown as the total activity for that category during the Expense Month. For each transaction shown in Column 1, update the cumulative balance in Column 2.

Columns 3 and 4 -

For each transaction reflected in Column 1, record the total dollars of the transaction. Multiple transaction for a given category are to be shown as the total dollar amount for that category during the Expense Month. For each transaction shown in Column 3, update the cumulative dollar balance in Column 4. Include transactions that total zero dollars. Record amounts in whole dollars.

Column 5 -

Compute the Weighted Average Cost by dividing the Cumulative Dollar Balance (Co. 4) by the corresponding Cumulative Balance (Col. 2). Perform this calculation for the Beginning Inventory, Ending Inventory and all additions and withdrawals made during the Expense Month. The Weighted Average Cost should be carried out to 3 decimal places.

Note : For any sale or transfer of ERCs or NOx emission allowances, attach to this report documentation showing the currently available market prices for similar ERC or NOx allowances.

Total Early Reduction Credits (ERC)	930
Consumed: June 2004 July 2004	420 510
Total Consumed	930
Remaining Early Reduction Credits (ERC)	0

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 2 Page 18 of 34

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT

For the Expense Month of May 2007

LINE NO.	O&M Expenses		
1 2 3 4	1997 Plan : Monthly Kentucky Air Emissions Fee Total Monthly AEP Pool Environmental Capacity Costs Monthly SO2 Allowance Consumption Total 1997 Plan O&M Expenses	\$32,201 \$413,639 <u>\$122,723</u>	\$568,563
5 6 7 8 9 10 11	2003 Plan : Monthly Varible Cladding at Big Sandy Unit 1 Monthly Urea Consumption at Big Sandy Unit 2 Monthly Catalyst Replacement at Big Sandy Unit 2 Monthly ERC & NOx Allowance Consumption Equipment - Associated Operating Expenses Equipment - Associated Maintenance Expenses Total 2003 Plan O&M Expenses	\$0 \$207,116 \$0 \$1,059 <u>\$27,016</u>	<u>\$235,191</u>
12 13	Total Monthly O&M Expenses Cash Working Capital Allowance (Line 10 X 1/8)		<u>\$803,754</u> \$100,469

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

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 2 Page 19 of 34

Kentucky Power Company Environmental Equipment Operation and Maintenance Costs May 2007

Work Description	Material Costs	Outside Contract Labor	Misc Other Costs	Total Costs
SCR Boiler Outlet Ductwork	\$662.50	\$8,222.07	\$0.00	\$8,884.57
SCR Instrument & Controls	\$1,509.68	\$0.00	\$0.00	\$1,509.68
SCR NOx Monitoring	\$1,274.78	\$0.00	\$0.00	\$1,274.78
SCR Booster Fan	\$1,078.82	\$0.00	\$0.00	\$1,078.82
Boiler Acoustic Horns	\$183.20	\$0.00	\$0.00	\$183.20
Ammonia Injection System	\$4,867.56	\$0.00	\$0.00	\$4,867.56
SCR Bypass Dampers	\$301.05	\$0.00	\$0.00	\$301.05
Total SCR May 2007 O & M Expense	\$9,877.59	\$8,222.07	\$0.00	\$18,099.66
Additional Operator Overtime During The Ozone Season	\$0.00	\$0.00	\$1,059.12	\$1,059.12
Emission Testing Required Under Permit - Operation Maintenance	\$0.00 \$8,916.10	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$8,916.10

May 2007 O & M Expenses Filed

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\$28,075

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ES FORM 3.14 Page 1 of 11

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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 2007

		Ohio Power	Indiana Michigan Power	
Line		Company's Environmental	Company's Environmental	
No. (1)	Cost Component (2)	Cost to KPCo (3)	Cost to KPCo (4)	Total (5)
1	Amos Unit No. 3 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 3 of 11, Line 24)	\$58,626		
2	Cardinal Unit No. 1 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 4 of 11, Line 22)	\$55,369		
3	Gavin Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 5 of 11, Line 26)	\$491,807		
4	Kammer Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 6 of 11, Line 20)	\$3,257		
5	Mitchell Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 7 of 11, Line 21)	\$39,084		
6	Muskingum Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 8 of 11, Line 20)	\$58,626		
7	Sporn Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 9 of 11, Line 20)	\$9,771		
8	Rockport Plant Environmental to Kentucky Power (ES FORM 3.14, Page 10 of 11, Column 5, Line 21)		\$0	
9	Tanners Creek Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 11 of 11, Line 20)		\$3,257	
10	Total AEP Pool Monthly Environmental Capacity Costs to Kentucky Power	\$716,540	\$3,257	\$719,797

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

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 2 Page 21 of 34

ES FORM 3.14 Page 2 of 11

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

Line No. (1)	Cost Component (2)	Ohio Power Company's (OPCo) Environmental Cost to KPCo (3)	Indiana Michigan Power Company's (I&M) Environmental Cost to KPCo (4)	Total (5)
1	Amos Unit No. 3 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 3 of 11, Line 16)	\$351,974		
2	Cardinal Unit No. 1 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 4 of 11, Line 12)	\$207,911		
3	Gavin Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 5 of 11, Line 16)	\$10,090,115		
4	Kammer Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 6 of 11, Line 10)	\$18,033		
5	Mitchell Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 7 of 11, Line 11)	\$474,972		
6	Muskingum Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 8 of 11, Line 10)	\$161,202		
7	Sporn Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 9 of 11, Line 10)	\$13,368		
8	Rockport Plant Environmental to Kentucky Power (ES FORM 3.14, Page 10 of 11, Column 3, Line 10)		\$12,500	
9	Rockport Plant Environmental to Kentucky Power (ES FORM 3.14, Page 10 of 11, Columns 4 & 5, Line 10)		\$0	
10	Tanners Creek Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 11 of 11, Line 10)		\$12,500	
11	Subtotal	\$11,317,575	\$25,000	
12	Steam Capacity By Company - OPCo (Column 3) / I&M (Column 4) (kw)	8,455,000	5,101,000	
13	Environmental Base (\$/kw)	\$1.34	\$0.00	
14	Company Surplus Weighting	95.00%	5.00%	
15	Portion of Weighted Average Capacity Rate Attributed to Environmental Fixed O&M Costs	\$1.27	\$0.00	
16	Kentucky Power Capacity Deficit (kw)	325,700	325,700	
17	Fixed O&M Environmental Cost to Kentucky Power	\$413,639	\$0	\$413,639

ES FORM 3.14 Page 3 of 11

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KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT OHIO POWER COMPANY (OPCo) - AMOS PLANT UNIT NO. 3

LINE NO.	COST	AMOUNTS
		\$90,118,342
1	Utility Plant at Original Cost	490,118,342 1.37%
2	Member Primary Capacity Investment Rate (16.44% / 12)	\$1,234,621
3	Total Rate Base	100.00%
4	Ohio Power Company's Percentage Ownership - Environmental Investment	\$1,234,621
5	OPCo's Share of Cost Associated with Amos Unit No. 3 (3) X (4)	φ1,204,021
	Operations :	\$0
6	Disposal (5010000)	\$518,775
7	Urea (5020002)	\$0
8 9	Trona (5020003) Lime Stone (5020004)	\$0 \$0
9 10	Air Emission Fee	\$9,160
11	Total Operations (Lines 6 thru 10)	\$527,935
	Maintenance :	+
12	SCR Maintenance (5120000)	\$0
13	1/2 of Maintenance (12) * 50%	\$0
14	Fixed $O&M(11) + (13)$	\$527,935
15	Ohio Power Company's Percentage Ownership - O&M Cost	66.67%
16	OPCo's Share of O&M Cost Associated with Amos Unit No. 3 (14) X (15)	\$351,974
	Total Revenue Requirement,	
17	Cost Associated with Amos Unit No. 3 (5) + (16)	\$1,586,595
18	Ohio Power Company Steam Capacity (kw)	8,455,000
19	Amos Unit No. 3 Environmental Rate (\$/kw)	\$0.19
20	Ohio Power Surplus Weighing	95.00%
21	Portion of Weighted Average Capacity Rate	
	Attributed to Amos Unit No. 3 SCR (\$/kw) (19) * (20)	\$0.18
	Amos Unit No. 3 Costs to Kentucky Power :	
22	Amos Unit No. 3 Portion (\$/kw) (21)	\$0.18
23	Kentucky Power Capacity Deficit (kw)	<u>325,700</u>
	Amos Unit No. 3 Environmental Cost to Kentucky Power (22) * (23)	
24	(ES FORM 3.14, Page 1 of 10, Line 1)	\$58,626

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KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT OHIO POWER COMPANY (OPCo) - CARDINAL UNIT 1

For the Expense Month of May 2007

LINE NO.	COST	AMOUNTS
		¢07 205 100
1	Utility Plant at Original Cost	\$97,295,190 1,27%
2	Member Primary Capacity Investment Rate (16.44% / 12)	<u>1.37%</u>
3	Total Rate Base	\$1,332,944
	Operations :	¢0.
4	Disposal (5010000)	\$0
5	Urea (5020002)	\$203,476
6	Trona (5020003)	\$0
7	Lime Stone (5020004)	\$0
8	Air Emission Fee	<u>\$4,435</u>
9	Total Operations (Line 4 thru 8)	\$207,911
	Maintenance :	
10	SCR Maintenance (5120000)	\$0
11	1/2 of Maintenance (10) * 50%	<u>\$0</u>
12	Fixed O&M (9) + (11)	<u>\$207,911</u>
1 1	Total Revenue Requirement,	
13	Cost Associated with Cardinal Unit No. 3 (3) + (12)	<u>\$1,540,855</u>
14	Ohio Power Company's Percentage Ownership	100.00%
15	OPCo's Share of Cost Associated with Cardinal Unit No. 1 (13) X (14)	\$1,540,855
16	Ohio Power Company Steam Capacity (kw)	8,455,000
17	Cardinal Unit No. 1 (\$/kw)	\$0.18
18	Ohio Power Surplus Weighing	95.00%
19	Portion of Weighted Average Capacity Rate	
	Attributed to Cardinal Unit No. 1 (\$/kw) (17) X (18)	\$0.17
	Cardinal Unit No. 1 Costs to Kentucky Power :	
20	Cardinal Unit No. 1 Portion (\$/kw) (19)	\$0.17
21	Kentucky Power Capacity Deficit (kw)	325,700
· · ·	Cardinal Unit No. 1 Environmental Cost to Kentucky Power (18) * (19)	
22	(ES FORM 3.14, Page 1 of 10, Line 2)	\$55,369

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KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 2 Page 24 of 34

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

2 Member Primary Capacity Investment Rate (16.44% / 12) 3 Total Rate Base \$3,35 Operations : \$3,35 4 Sludge Disposal (5010000) \$63 5 Lime (5020002) \$1,47 7 Trona (5020003) \$43 8 Lime Stone (5020004) \$2,88 9 Air Emission Fee \$22 10 Lease (5070005) \$44,25 11 Total Operations (Lines 4 thru 10) \$9,71 Maintenance : \$2 12 SCR Maintenance (5120000) \$16 13 Scrubber Maintenance (5120000) \$16 13 Scrubber Maintenance (12) + (13) \$74 14 Total Revenue Requirement, \$377 15 1/2 of Maintenance (13) * 50% \$377 16 Fixed O&M (11) + (15) \$10.09 Total Revenue Requirement, \$10 17 Cost Associated with Gavin Plant (3) + (16) \$13,44 18 Ohio Power Company's Percentage Ownership 10 19 OPCo's Share of Cost Associated with Gavin Plant (17) X (18) \$13,44	JNTS
2 Member Primary Capacity Investment Rate (16.44% / 12) 3 Total Rate Base \$3,35 Operations : \$3,35 4 Sludge Disposal (5010000) \$63 5 Lime (5020001) \$2,88 6 Urea (5020002) \$1,47 7 Trona (5020003) \$43 8 Lime Stone (5020004) \$2 9 Air Emission Fee \$2 10 Lease (5070005) \$4,25 11 Total Operations (Lines 4 thru 10) \$9,71 Maintenance : \$2 12 SCR Maintenance (5120000) \$16 13 Scrubber Maintenance (5120000) \$16 13 Scrubber Maintenance (12) + (13) \$74 14 Total Revenue Requirement, \$377 15 Fixed O&M (11) + (15) \$10.09 Total Revenue Requirement, \$10 17 Cost Associated with Gavin Plant (3) + (16) \$13,44 18 Ohio Power Company's Percentage Ownership 10 19 OPCo's Share of Cost Associated with Gavin Plant (17) X (18) \$13,44 20 <t< td=""><td></td></t<>	
2 Member Primary Capacity Investment Rate (16.44% / 12) 3 Total Rate Base \$3,35 Operations : \$3,35 4 Sludge Disposal (5010000) \$63 5 Lime (5020001) \$2,88 6 Urea (5020002) \$1,47 7 Trona (5020003) \$43 8 Lime Stone (5020004) \$2 9 Air Emission Fee \$2 10 Lease (5070005) \$4,25 11 Total Operations (Lines 4 thru 10) \$9,71 Maintenance : \$12 \$CR Maintenance (5120000) \$16 13 Scrubber Maintenance (5120000) \$16 13 Scrubber Maintenance (5120000) \$16 13 Scrubber Maintenance (12) + (13) \$74 14 Total Maintenance (12) + (13) \$17 15 1/2 of Maintenance (13) * 50% \$37 16 Fixed O&M (11) + (15) \$10.09 Total Revenue Requirement, \$10 17 Cost Associated with Gavin Plant (3) + (16) \$13,44 18 Ohio Power Company'S Percentage Ownership 10	,637,350
3 Total Rate Base \$3,35 Operations : \$ 4 Sludge Disposal (5010000) \$63 5 Lime (5020001) \$2,88 6 Urea (5020002) \$1,47 7 Trona (5020003) \$43 8 Lime Stone (5020004) \$2 9 Air Emission Fee \$2 10 Lease (5070005) \$4,25 11 Total Operations (Lines 4 thru 10) \$9,71 Maintenance : \$2 12 SCR Maintenance (5120000) \$16 13 Scrubber Maintenance (5120000) \$16 13 Scrubber Maintenance (12) + (13) \$74 14 Total Ravenue Requirement, \$377 15 Fixed O&M (11) + (15) \$10.09 Total Revenue Requirement, \$10 17 Cost Associated with Gavin Plant (3) + (16) \$13,44 18 Ohio Power Company's Percentage Ownership 10 19 OPCo's Share of Cost Associated with Gavin Plant (17) X (18) \$13,44 20 Ohio Power Surplus Weighing 9 23 Portion of	<u>1.37%</u>
4 Sludge Disposal (5010000) \$63 5 Lime (5020001) \$2,88 6 Urea (5020002) \$1,47 7 Trona (5020003) \$43 8 Lime Stone (5020004) \$2 9 Air Emission Fee \$2 10 Lease (5070005) \$4,25 11 Total Operations (Lines 4 thru 10) \$9,71 Maintenance : ************************************	,351,532
5 Lime (5020001) \$2,88 6 Urea (5020002) \$1,47 7 Trona (5020003) \$43 8 Lime Stone (5020004) \$2 9 Air Emission Fee \$2 10 Lease (5070005) \$4,25 11 Total Operations (Lines 4 thru 10) \$9,71 Maintenance : \$9,71 12 SCR Maintenance (5120000) \$16 13 Scrubber Maintenance (5120000) \$58 14 Total Maintenance (12) + (13) \$74 15 1/2 of Maintenance (13) * 50% \$327 16 Fixed O&M (11) + (15) \$10.09 Total Revenue Requirement, \$10 17 Cost Associated with Gavin Plant (3) + (16) \$13,44 18 Ohio Power Company's Percentage Ownership 10 19 OPCo's Share of Cost Associated with Gavin Plant (17) X (18) \$13,44 20 Ohio Power Company Steam Capacity (kw) \$4,45 21 Gavin Plant (\$/kw) \$22 22 Ohio Power Surplus Weighing 9 23 Portion of Weighted Average Capacity Rate	
6 Urea (5020002) \$1,47 7 Trona (5020003) \$43 8 Lime Stone (5020004) \$2 9 Air Emission Fee \$2 10 Lease (5070005) \$4,25 11 Total Operations (Lines 4 thru 10) \$9,71 Maintenance : \$9 12 SCR Maintenance (5120000) \$16 13 Scrubber Maintenance (5120000) \$16 14 Total Maintenance (5120000) \$58 14 Total Maintenance (12) + (13) \$74 15 1/2 of Maintenance (13) * 50% \$37 16 Fixed O&M (11) + (15) \$10,09 Total Revenue Requirement, \$13,44 17 Cost Associated with Gavin Plant (3) + (16) \$13,44 18 Ohio Power Company's Percentage Ownership 10 19 OPCo's Share of Cost Associated with Gavin Plant (17) X (18) \$13,44 20 Ohio Power Company Steam Capacity (kw) \$4,45 21 Gavin Plant (\$/kw) 9 22 Ohio Power Surplus Weighing 9 23 Portion of Weighted Average Capacity Rate <td>639,259</td>	639,259
7Trona (5020003)\$438Lime Stone (5020004)\$29Air Emission Fee\$210Lease (5070005)\$4,2511Total Operations (Lines 4 thru 10)\$9,71Maintenance :\$112SCR Maintenance (5120000)\$1613Scrubber Maintenance (5120000)\$1614Total Maintenance (12) + (13)\$74151/2 of Maintenance (12) + (13)\$10.0916Fixed O&M (11) + (15)\$10.0917Cost Associated with Gavin Plant (3) + (16)\$13,440hio Power Company's Percentage Ownership1019OPCo's Share of Cost Associated with Gavin Plant (17) X (18)\$13,4420Ohio Power Company Steam Capacity (kw)\$4,4521Gavin Plant (\$/kw)\$2)22Ohio Power Surplus Weighing923Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power :\$224Gavin Plant Portion (\$/kw) (23)\$225Kentucky Power Capacity Deficit (kw) Gavin Plant Environmental Cost to Kentucky Power (24) * (25)\$2	,883,016
8Lime Stone (502004)\$29Air Emission Fee\$210Lease (5070005)\$4,2511Total Operations (Lines 4 thru 10)\$9,71Maintenance :\$1612SCR Maintenance (5120000)\$1613Scrubber Maintenance (5120000)\$5814Total Maintenance (12) + (13)\$74151/2 of Maintenance (13) * 50%\$32716Fixed O&M (11) + (15)\$10,09Total Revenue Requirement,\$13,4417Cost Associated with Gavin Plant (3) + (16)\$13,4418Ohio Power Company's Percentage Ownership1019OPCo's Share of Cost Associated with Gavin Plant (17) X (18)\$13,4420Ohio Power Company Steam Capacity (kw)\$4,5521Gavin Plant (\$/kw)923Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power :\$224Gavin Plant Portion (\$/kw) (23)\$225Kentucky Power Capacity Deficit (kw) Gavin Plant Environmental Cost to Kentucky Power (24) * (25)\$2	478,173
8 Lime Stone (5020004) 9 Air Emission Fee \$2 10 Lease (5070005) \$4,25 11 Total Operations (Lines 4 thru 10) \$9,71 Maintenance : ************************************	432,366
9Air Emission Fee\$210Lease (5070005)\$4,2511Total Operations (Lines 4 thru 10)\$9,71Maintenance :\$212SCR Maintenance (5120000)\$1613Scrubber Maintenance (5120000)\$5814Total Maintenance (12) + (13)\$74151/2 of Maintenance (13) * 50%\$3716Fixed O&M (11) + (15)\$10,09Total Revenue Requirement,\$10,0917Cost Associated with Gavin Plant (3) + (16)\$13,4419OPCo's Share of Cost Associated with Gavin Plant (17) X (18)\$13,4420Ohio Power Company Steam Capacity (kw)\$4,4521Gavin Plant (\$/kw)923Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power :924Gavin Plant Portion (\$/kw) (23)3225Kentucky Power Capacity Deficit (kw) Gavin Plant Environmental Cost to Kentucky Power (24) * (25)32	\$0
11Total Operations (Lines 4 thru 10) Maintenance :\$9,7112SCR Maintenance (5120000)\$1613Scrubber Maintenance (5120000)\$5814Total Maintenance (12) + (13)\$74151/2 of Maintenance (13) * 50%\$3716Fixed O&M (11) + (15)\$10,09Total Revenue Requirement,\$10,0917Cost Associated with Gavin Plant (3) + (16)\$13,4418Ohio Power Company's Percentage Ownership1019OPCo's Share of Cost Associated with Gavin Plant (17) X (18)\$13,4420Ohio Power Company Steam Capacity (kw)\$4,5521Gavin Plant (\$/kw)923Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power :924Gavin Plant Portion (\$/kw) (23)3225Kentucky Power Capacity Deficit (kw) Gavin Plant Environmental Cost to Kentucky Power (24) * (25)32	\$29,543
11Total Operations (Lines 4 thru 10)\$9,71Maintenance :\$212SCR Maintenance (5120000)\$1613Scrubber Maintenance (5120000)\$5814Total Maintenance (12) + (13)\$74151/2 of Maintenance (13) * 50%\$3716Fixed O&M (11) + (15)\$10.09Total Revenue Requirement,\$13,4417Cost Associated with Gavin Plant (3) + (16)\$13,4418Ohio Power Company's Percentage Ownership1019OPCo's Share of Cost Associated with Gavin Plant (17) X (18)\$13,4420Ohio Power Company Steam Capacity (kw)\$4,5521Gavin Plant (\$/kw)923Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power :924Gavin Plant Portion (\$/kw) (23)3225Kentucky Power Capacity Deficit (kw) Gavin Plant Environmental Cost to Kentucky Power (24) * (25)32	253,067
Maintenance :SCR Maintenance (5120000)\$1612SCR Maintenance (5120000)\$5813Scrubber Maintenance (12) + (13)\$74151/2 of Maintenance (13) * 50%\$3716Fixed O&M (11) + (15)\$10.09Total Revenue Requirement,\$13,4417Cost Associated with Gavin Plant (3) + (16)\$13,4418Ohio Power Company's Percentage Ownership1019OPCo's Share of Cost Associated with Gavin Plant (17) X (18)\$13,4420Ohio Power Company Steam Capacity (kw)\$4,5521Gavin Plant (\$/kw)923Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power :924Gavin Plant Portion (\$/kw) (23)3225Kentucky Power Capacity Deficit (kw) Gavin Plant Environmental Cost to Kentucky Power (24) * (25)32	715,424
13Scrubber Maintenance (5120000)\$5814Total Maintenance (12) + (13)\$74151/2 of Maintenance (13) * 50%\$3716Fixed O&M (11) + (15)\$10,09Total Revenue Requirement,\$1717Cost Associated with Gavin Plant (3) + (16)\$13,4418Ohio Power Company's Percentage Ownership1019OPCo's Share of Cost Associated with Gavin Plant (17) X (18)\$13,4420Ohio Power Company Steam Capacity (kw)\$4,4521Gavin Plant (\$/kw)923Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power :924Gavin Plant Portion (\$/kw) (23)\$3225Kentucky Power Capacity Deficit (kw) Gavin Plant Environmental Cost to Kentucky Power (24) * (25)32	
13Scrubber Maintenance (5120000)\$5814Total Maintenance (12) + (13)\$74151/2 of Maintenance (13) * 50%\$3716Fixed O&M (11) + (15)\$10,09Total Revenue Requirement,\$1717Cost Associated with Gavin Plant (3) + (16)\$13,4418Ohio Power Company's Percentage Ownership1019OPCo's Share of Cost Associated with Gavin Plant (17) X (18)\$13,4420Ohio Power Company Steam Capacity (kw)\$4521Gavin Plant (\$/kw)923Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power :924Gavin Plant Portion (\$/kw) (23)\$3225Kentucky Power Capacity Deficit (kw) Gavin Plant Environmental Cost to Kentucky Power (24) * (25)32	165,213
14Total Maintenance (12) + (13)\$74151/2 of Maintenance (13) * 50%\$3716Fixed O&M (11) + (15)\$10,09Total Revenue Requirement,\$13,4417Cost Associated with Gavin Plant (3) + (16)\$13,4418Ohio Power Company's Percentage Ownership1019OPCo's Share of Cost Associated with Gavin Plant (17) X (18)\$13,4420Ohio Power Company Steam Capacity (kw)\$4,5521Gavin Plant (\$/kw)\$922Ohio Power Surplus Weighing923Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power :\$924Gavin Plant Portion (\$/kw) (23)\$2525Kentucky Power Capacity Deficit (kw) Gavin Plant Environmental Cost to Kentucky Power (24) * (25)\$22	584,168
151/2 of Maintenance (13) * 50%\$3716Fixed O&M (11) + (15)\$10,09Total Revenue Requirement,50%17Cost Associated with Gavin Plant (3) + (16)\$13,4418Ohio Power Company's Percentage Ownership1019OPCo's Share of Cost Associated with Gavin Plant (17) X (18)\$13,4420Ohio Power Company Steam Capacity (kw)8,4521Gavin Plant (\$/kw)8,4522Ohio Power Surplus Weighing923Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power :924Gavin Plant Portion (\$/kw) (23)3225Kentucky Power Capacity Deficit (kw) Gavin Plant Environmental Cost to Kentucky Power (24) * (25)32	5749,381
Total Revenue Requirement,17Cost Associated with Gavin Plant (3) + (16)18Ohio Power Company's Percentage Ownership19OPCo's Share of Cost Associated with Gavin Plant (17) X (18)20Ohio Power Company Steam Capacity (kw)21Gavin Plant (\$/kw)22Ohio Power Surplus Weighing23Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power :24Gavin Plant Portion (\$/kw) (23)25Kentucky Power Capacity Deficit (kw) Gavin Plant Environmental Cost to Kentucky Power (24) * (25)	374,691
Total Revenue Requirement,17Cost Associated with Gavin Plant (3) + (16)\$13,4418Ohio Power Company's Percentage Ownership1019OPCo's Share of Cost Associated with Gavin Plant (17) X (18)\$13,4420Ohio Power Company Steam Capacity (kw)8,4521Gavin Plant (\$/kw)8,4522Ohio Power Surplus Weighing923Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power :924Gavin Plant Portion (\$/kw) (23)3225Kentucky Power Capacity Deficit (kw) Gavin Plant Environmental Cost to Kentucky Power (24) * (25)32	090,115
18Ohio Power Company's Percentage Ownership1019OPCo's Share of Cost Associated with Gavin Plant (17) X (18)\$13,4420Ohio Power Company Steam Capacity (kw)8,4521Gavin Plant (\$/kw)922Ohio Power Surplus Weighing923Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power :924Gavin Plant Portion (\$/kw) (23)3225Kentucky Power Capacity Deficit (kw) Gavin Plant Environmental Cost to Kentucky Power (24) * (25)32	
18Ohio Power Company's Percentage Ownership1019OPCo's Share of Cost Associated with Gavin Plant (17) X (18)\$13,4420Ohio Power Company Steam Capacity (kw)8,4521Gavin Plant (\$/kw)922Ohio Power Surplus Weighing923Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power :924Gavin Plant Portion (\$/kw) (23)3225Kentucky Power Capacity Deficit (kw) Gavin Plant Environmental Cost to Kentucky Power (24) * (25)32	441,647
 19 OPCo's Share of Cost Associated with Gavin Plant (17) X (18) 20 Ohio Power Company Steam Capacity (kw) 21 Gavin Plant (\$/kw) 22 Ohio Power Surplus Weighing 23 Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power : 24 Gavin Plant Portion (\$/kw) (23) 25 Kentucky Power Capacity Deficit (kw) 32 Gavin Plant Environmental Cost to Kentucky Power (24) * (25) 	100.00%
21Gavin Plant (\$/kw)22Ohio Power Surplus Weighing23Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power :24Gavin Plant Portion (\$/kw) (23)25Kentucky Power Capacity Deficit (kw) Gavin Plant Environmental Cost to Kentucky Power (24) * (25)	,441,647
21Gavin Plant (\$/kw)22Ohio Power Surplus Weighing23Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power :24Gavin Plant Portion (\$/kw) (23)25Kentucky Power Capacity Deficit (kw) Gavin Plant Environmental Cost to Kentucky Power (24) * (25)	455,000
22Ohio Power Surplus Weighing923Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power :924Gavin Plant Portion (\$/kw) (23)3225Kentucky Power Capacity Deficit (kw) Gavin Plant Environmental Cost to Kentucky Power (24) * (25)32	\$1.59
 Portion of Weighted Average Capacity Rate Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power : Gavin Plant Portion (\$/kw) (23) Kentucky Power Capacity Deficit (kw) Gavin Plant Environmental Cost to Kentucky Power (24) * (25) 	95.00%
Attributed to Gavin Plant (\$/kw) (21) X (22) Gavin Plant Costs to Kentucky Power :24Gavin Plant Portion (\$/kw) (23)25Kentucky Power Capacity Deficit (kw)32Gavin Plant Environmental Cost to Kentucky Power (24) * (25)	
Gavin Plant Costs to Kentucky Power :24Gavin Plant Portion (\$/kw) (23)25Kentucky Power Capacity Deficit (kw)32Gavin Plant Environmental Cost to Kentucky Power (24) * (25)	\$1.51
24Gavin Plant Portion (\$/kw) (23)25Kentucky Power Capacity Deficit (kw)32Gavin Plant Environmental Cost to Kentucky Power (24) * (25)	
25Kentucky Power Capacity Deficit (kw)32Gavin Plant Environmental Cost to Kentucky Power (24) * (25)	\$1.51
Gavin Plant Environmental Cost to Kentucky Power (24) * (25)	325,700
26 (ES FORM 3.14, Page 1 of 10, Line 3) \$49	491,807

ES FORM 3.14 Page 6 of 11

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT OHIO POWER COMPANY (OPCo) - KAMMER PLANT (UNITS 1, 2 & 3)

LINE NO.	COST	AMOUNTS
		¢7 110 542
1	Utility Plant at Original Cost	\$7,112,543 1.37%
2 3	Member Primary Capacity Investment Rate (16.44% / 12)	\$97,442
3	Total Rate Base	אדד, וכש
	Operations :	\$0
4	Urea (5020002)	\$0 \$0
5	Trona (5020003) Air Emission Fee	\$18,0 <u>33</u>
6 7		\$18,033
	Total Operations (4) + (5) + (6) Maintenance :	φ10,000
8	SCR Maintenance (5120000)	\$0
9	1/2 of Maintenance (8) * 50%	\$0 <u>\$0</u>
10	Fixed $O&M(7) + (9)$	\$18,0 <u>33</u>
10	Total Revenue Requirement,	<u>\u0101000</u>
11	Cost Associated with Kammer Plant (3) + (10)	\$115,475
12	Ohio Power Company's Percentage Ownership	100.00%
13	OPCo's Share of Cost Associated with Kammer Plant (11) X (12)	\$115,475
14	Ohio Power Company Steam Capacity (kw)	8,455,000
15	Kammer Plant (\$/kw)	\$0.01
16	Ohio Power Surplus Weighing	95.00%
17	Portion of Weighted Average Capacity Rate	
	Attributed to Kammer Plant (\$/kw) (15) X (16)	\$0.01
	Kammer Plant Costs to Kentucky Power :	,
18	Kammer Plant Portion (\$/kw) (17)	\$0.01
19	Kentucky Power Capacity Deficit (kw)	325,700
	Kammer Plant Environmental Cost to Kentucky Power (18) * (19)	·····
20	(ES FORM 3.14, Page 1 of 10, Line 4)	\$3,257

ES FORM 3.14 Page 7 of 11

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

NO.	COST	AMOUNTS
	LKWA Direct at Original Cost	\$43,375,267
1	Utility Plant at Original Cost	1.37%
2 3	Member Primary Capacity Investment Rate (16.44% / 12)	\$594,241
3	Total Rate Base	ψ00-τ,2-11
	Operations :	\$0
4	Disposal (5010000)	\$332,748
5	Urea (5020002)	\$120,750
6 7	Trona (5020003) Air Emission Fee	\$21,235
8	Total Operations (Lines 4 thru 7)	\$474,733
•	Maintenance :	
9	SCR Maintenance (5120000)	\$477
9 10	1/2 of Maintenance (8) * 50%	\$239
10	Fixed $O&M(8) + (10)$	\$474,972
11	Total Revenue Requirement,	<u> • • • • • • • • •</u>
12	Cost Associated with Mitchell Plant (3) + (11)	\$1,069,213
12	Ohio Power Company's Percentage Ownership	100.00%
13	OPCo's Share of Cost Associated with Mitchell Plant (12) X (13)	\$1,069,213
14	Ohio Power Company Steam Capacity (kw)	8,455,000
16	Mitchell Plant (\$/kw)	\$0.13
17	Ohio Power Surplus Weighing	95.00%
18	Portion of Weighted Average Capacity Rate	
	Attributed to Mitchell Plant (\$/kw) (16) X (17)	\$0.12
	Mitchell Plant Costs to Kentucky Power :	
19	Mitchell Plant Portion (\$/kw) (18)	\$0.12
20	Kentucky Power Capacity Deficit (kw)	325,700
~~	Mitchell Plant Environmental Cost to Kentucky Power (19) * (20)	
21	(ES FORM 3.14, Page 1 of 10, Line 5)	\$39,084

ES FORM 3.14 Page 8 of 11

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT OHIO POWER COMPANY (OPCo) - MUSKINGUM PLANT (UNITS 1, 2, 3, 4 & 5)

LINE		
NO.	COST	AMOUNTS
	Utility Diant at Original Cost	\$106 E75 169
1	Utility Plant at Original Cost	\$106,575,168
23	Member Primary Capacity Investment Rate (16.44% / 12) Total Rate Base	<u>1.37%</u> \$1,460,080
S I	Operations :	φ1,400,000
4	Urea (502002)	\$132,692
5	Trona (5020003)	\$0 \$0
6	Air Emission Fee	\$28,510
7	Total Operations $(4) + (5) + (6)$	\$161,202
l '	Maintenance :	Ψ101,202
8	SCR Maintenance (5120000)	\$0
9	1/2 of Maintenance (8) * 50%	\$0 \$0
10	Fixed $O&M(7) + (9)$	<u>\$161,202</u>
10	Total Revenue Requirement,	<u>\$101,202</u>
11	Cost Associated with Muskingum Plant (3) + (10)	\$1,621,282
12	Ohio Power Company's Percentage Ownership	100.00%
13	OPCo's Share of Cost Associated with Muskingum Plant (11) X (12)	\$1,621,282
14	Ohio Power Company Steam Capacity (kw)	8,455,000
15	Muskingum Plant (\$/kw)	\$0,19
16	Ohio Power Surplus Weighing	95.00%
17	Portion of Weighted Average Capacity Rate	
	Attributed to Muskingum Plant (\$/kw) (15) X (16)	\$0.18
	Muskingum Plant Costs to Kentucky Power :	
18	Muskingum Plant Portion (\$/kw) (17)	\$0.18
19	Kentucky Power Capacity Deficit (kw)	325,700
	Muskingum Plant Environmental Cost to Kentucky Power (18) * (19)	
20	(ES FORM 3.14, Page 1 of 10, Line 6)	\$58,626
ES FORM 3.14 Page 9 of 11

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT OHIO POWER COMPANY (OPCo) - SPORN PLANT (UNITS 2, 3, 4 & 5)

For the Expense Month of May 2007

LINE NO.	COST	AMOUNTS
1	Utility Plant at Original Cost	\$15,262,706
2	Member Primary Capacity Investment Rate (16.44% / 12)	1.37%
3	Total Rate Base	\$209,099
	Operations :	
4	Urea (5020002)	\$0
5	Trona (5020003)	\$0
6	Air Emission Fee	\$13,368
7	Total Operations $(4) + (5) + (6)$	\$13,368
	Maintenance :	
8	SCR Maintenance (5120000)	\$0
9	1/2 of Maintenance (8) * 50%	<u>\$0</u>
10	Fixed O&M (7) + (9)	<u>\$13,368</u>
1	Total Revenue Requirement,	
11	Cost Associated with Sporn Plant (3) + (10)	<u>\$222,467</u>
12	Ohio Power Company's Percentage Ownership	100.00%
13	OPCo's Share of Cost Associated with Sporn Plant (11) X (12)	\$222,467
14	Ohio Power Company Steam Capacity (kw)	8,455,000
15	Sporn Plant (\$/kw)	\$0.03
16	Ohio Power Surplus Weighing	95.00%
17	Portion of Weighted Average Capacity Rate	
	Attributed to Sporn Plant (\$/kw) (15) X (16)	\$0.03
	Sporn Plant Costs to Kentucky Power :	
18	SpornGavin Plant Portion (\$/kw) (17)	\$0.03
19	Kentucky Power Capacity Deficit (kw)	<u>325,700</u>
	Sporn Plant Environmental Cost to Kentucky Power (18) * (19)	
20	(ES FORM 3.14, Page 1 of 10, Line 7)	\$9,771

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KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT INDIANA MICHGAN POWER COMPANY (I&M) - ROCKPORT PLANT (UNITS 1 & 2)

For the Expense Month of May 2007

		Rockoort			
LINE		Plant	UNIT 1	UNIT 2	
NO.	COST	Common	AMOUNTS	AMOUNTS	TOTAL
(1)	(2)	(3)	(4)	(5)	(9)
~~	Hility Plant at Original Cost	¢4 776 760	\$10 EAA 676	012 700 415	
· 7		41,110,100	1.37%	410,00,410	
ო		\$24,342	\$144.462	\$228,919	
-	Operations :	-			
4	Urea (5020002)	\$0	20	\$0	
ى ك	Trona (5020003)	\$0	\$0	0\$	
e	Air Emission Fee	\$12,500	20	\$0	
~	Total Operations $(4) + (5) + (6)$	\$12,500	8	8	
	Maintenance :				
8	SCR Maintenance (5120000)	\$0	\$0	\$0	
თ	1/2 of Maintenance (8) * 50%	\$0	05	03	
9	Fixed O&M (7) + (9)	\$12,500	8	8	
	Total Revenue Requirement,		1		
÷	Cost Associated with Rockport Plant (3) + (10)	\$36,842	\$144,462	\$228,919	
12	Indiana Michigan Power Company's Percentage Ownership	50%	85.00%	65.08%	
ღ	I&M's Share of Cost Associated with Rockport Plant (11) X (12)	\$18,421	\$122,793	\$148,980	
14	Total Rockport Plant Common and Units 1 & 2				\$290,194
15	Indiana Michidan Power Gombany Steam Ganacity (kw)				5 101 000
16	Rockport Plant (\$/kw) (14) / (15)				
	Kentucky Power Portion of Rockport Plant /	, in a			
17	Indiana Michigan Power Surplus Weighing				5.00%
18	Portion of Weighted Average Capacity Rate				
_	Attributed to Rockport Plant (\$/kw) (17) X (18)				\$0,00
(Rockport Plant Costs to Kentucky Power :				
<u>9</u>					\$0.00
20					325.700
Ì					
2	(ES FORM 3.14, Page 1 of 10, Line 8)				\$0

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 2 Page 29 of 34

ES FORM 3.14 Page 10 of 11

ES FORM 3.14 Page 11 of 11

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT INDIANA MICHGAN POWER COMPANY (I&M) - TANNERS CREEK (UNITS 1, 2, 3 & 4)

For the Expense Month of May 2007

LINE NO.	COST	AMOUNTS
140.	0001	
	Little Diant at Original Cost	\$98,094,163
1	Utility Plant at Original Cost	1.37%
2	Member Primary Capacity Investment Rate (16.44% / 12)	\$1,343,890
3	Total Rate Base	φ1,343,090
	Operations :	\$0
4	Urea (502002)	
5	Trona (5020003)	\$0
6	Air Emission Fee	<u>\$12,500</u>
7	Total Operations $(4) + (5) + (6)$	\$12,500
	Maintenance :	
8	SCR Maintenance (5120000)	\$0
9	1/2 of Maintenance (8) * 50%	<u>\$0</u>
10	Fixed O&M (7) + (9)	<u>\$12,500</u>
	Total Revenue Requirement,	
11	Cost Associated with Tanners Creek Plant (3) + (10)	<u>\$1,356,390</u>
12	Indiana Michigan Power Company's Percentage Ownership	100.00%
13	I&M's Share of Cost Associated with Tanners Creek Plant (11) X (12)	\$1,356,390
14	Indiana Michigan Power Company Steam Capacity (kw)	5,101,000
15	Tanners Creek Plant (\$/kw)	\$0.27
16	Indiana Michigan Power Surplus Weighing	5.00%
17	Portion of Weighted Average Capacity Rate	
	Attributed to Rockport Plant (\$/kw) (15) X (16)	\$0.01
	Tanners Creek Plant Costs to Kentucky Power :	
18	Tanners Creek Plant Portion (\$/kw) (17)	\$0.01
19	Kentucky Power Capacity Deficit (kw)	<u>325,700</u>
	Tanners Creek Plant Environmental Cost to Kentucky Power (18) * (19)	
20	(ES FORM 3.14, Page 1 of 10, Line 9)	\$3,257

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KPSC Case No. 2006-00507 KENTUCI Letter Dated October 10, 2007 Attachment 2 Page 31 of 34 KENTUCI Letter Dated October 10, 2007 KENTUCI Letter 10, 2007 KENTUCI Letter 10, 2007 KENTUCI Letter 10, 2007 KENTU

For the Expense	Month of	May 2007
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	Cap. Cost WA								WACC
NO.	Component	Balances	Cap. Structure	Rates		WACC (Net of Tax)	GRCF		(PRE-TAX)
		As of 12/31/2005							
2	L/T DEBT S/T DEBT ACCTS REC	\$487,964,000 \$6,040,631	55.819% 0.691%	5.835% 4.490%		3.26% 0.03%			3.26% 0.03%
	FINANCING C EQUITY	\$32,348,353 \$347,841,406	3.700% 39.790%	3.888% 10.500%	1/	0.14% 4.18%	1.6073	2/	0.14% 6.72%
5	TOTAL \$874,194,390 100.000% 7.61					7.61%			10.15%
1/	1/ WACC = Weighted Average Cost of Capital Rate of Return on Common Equity per Case No. 2005 - 00341								
2/	Gross Revenue Appendix C Cas	e Conversion Fact se No. 2005 - 003	or (GRCF) Calc 341 dated - Marc	ulation: h 14, 2006					
1 2	OPERATING R	REVENUE BLE ACCOUNTS	EXPENSE (0.4	7%)			100.0000 0.4700		
3 4		ILE PRODUCTION					99.5300 6.2203		
5 6	FEDERAL TAX 199 DEDUCTK	ABLE PRODUC	TION INCOME	BEFORE 199 D	EDU	ICTION	93.3097 0.0000		
7 8		ABLE PRODUC OME TAX EXPE		9 DEDUCTION	(359	6)	93.3097 32.6584		
9	AFTER-TAX P	RODUCTION IN	COME				60.6513		
10 11 12 13	GROSS-UP FACTOR FOR PRODUCTION INCOME: AFTER-TAX PRODUCTION INCOME 199 DEDUCTION PHASE-IN UNCOLLECTIBLE ACCOUNTS EXPENSE						60.6513 0.0000 0.4700		
14	TOTAL GROSS	S-UP FACTOR F	OR PRODUCT	ION INCOME (F	ROU	NDED)	61.1213		
15 16 17 18	BLENDED FEDERAL AND STATE TAX RATE: FEDERAL (LINE 8) STATE (LINE 4) BLENDED TAX RATE						32.6584 6.2203 38.8787		
19	GROSS REVENUE CONVERSION FACTOR (100.0000 / Line 14)						1.6361		
1 2	STATE INCOME TAX CALCULATION: PRE-TAX PRODUCTION INCOME COLLECTIBLE ACCOUNTS EXPENSE (0.20%)						100.0000 0.4700		
3 4	STATE TAXABLE PRODUCTION INCOME BEFORE 199 DEDUCTION LESS: STATE 199 DEDUCTION						99.5300 0.0000		
5 6		XABLE PRODUC		BEFORE 199	DED	UCTION	99.5300 6.2500		
7	STATE INC	COME TAX EXP	ENSE (LINE 5 X	LINE 6)			6.2203	P.	

The WACC (PRE - TAX) value on Line 5 is to be recorded on ES FORM 3.10, Line 9.

Weighted Average Cost of Captial Balances As of 12/31/2005 based on Case No. 2006-00128, dated January 31, 2007.

ES FORM 3.20

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

For the Expense Month of May 2007

Total	(8)	KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 2 Page 32 of 34
Total Units 1 & 2	(/)	\$10,445,733 1.0283% \$107,413 \$39,968 \$39,968 \$147,381 \$44,214
Unit No. 2	(9)	\$8,353,084 (\$990,411) \$6,457,807 \$24,502 \$24,502
Unit No. 1	(2)	\$5,272,657 (\$646,865) (\$637,866) \$3,987,926 \$15,466 \$15,466 \$0
Rockport Plant Common	(4)	\$1,776,759 (\$626,177) (\$134,231) \$1,026,351 1.0283% \$10,451 \$10,451 \$12,500\$\$12,500\$\$1
	(3)	12.3398%
COST COMPONENT	(2)	Return on Rate Base : Rockport Plant Continuous Environmental Monitoring System (CEMS) Utility Plant at Original Cost AEGCo Low NOx Burners (LNB) Installed Cost Less Accumulated Depreciation Less Accumulated Depreciation Less Accum Def. Income Taxes Total Rate Base Weighted Average Cost of Capital - ES FORM 3.21 Monthly Weighted Avg. Cost of Capital - ES FORM 3.21 Monthly Weighted Avg. Cost of Capital - ES FORM 3.21 Monthly Weighted Avg. Cost of Capital - I = 5 * Line 7) Monthly Return of Rate Base (Line 5 * Line 7) Monthly Depreciation Expenses : Monthly Indiana Air Emissions Fee Total Operating Expenses (Line 9 + Line 10)) Total Revenue Requirement, Cost Associated with Rockport Plant CEMS and LNB (Line 8 + Line 11) Kentucky Power's Portion of Rockport's CEMS (Line 12 * 15%) Kentucky Power's Portion of Rockport's CEMS (Line 12 * 30%) Kentucky Power's Portion of Rockport Plants' Total Revenue Requirement. (Column 4, Line 13 + Column 7, Line 14) Note: Cost in Column 8, Line 15 is to be Recorded on ES FORM 3.00 Line 2
NO.	Ē	- си така кака така така така така така так

With each monthly filing, attach a schedule similar to Exhibit EKW-2, page 11 of 11 (Wagner Direct Testimony in Case No. 96-489), showing the calculation of the Weighted Average Cost of Capital. These calculations should reflect the provisions of the Rockport Unit Power Agreement, and be as of the Current Expense Month.

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KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 2 Page 33 of 34 KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT ROCKPORT UNIT POWER AGREEMENT COST OF CAPITAL

For the Expense Month of May 2007

LINE NO.	Component	Balances	Cap. Structures	Cost Rates		WACC (NET OF TAX)	GRCF		WACC (PRE - TAX)
		As of 05/31/2007							
1 2	L/T DEBT S/T DEBT CAPITALIZATION	44,840,076 19,317,649	36.7796% 15.8451%	4.9099% 5.3513%		1,8058% 0.8479%			1.8058% 0.8479%
3	OFFSETS DEBT	0	0.0000%	5.0428%		0.0000%			0.0000%
5	C EQUITY	57,757,970	47.3753%	12.1600%	1/	5.7608%	1.681379	2/	9.6861%
6	TOTAL	121,915,695	100.0000%			8.4145% ========			12.3398% ========
	WACC = Weighted	Average Cost o	f Canital						
1/	Cost Rates per the			Power Agreeme	nt				
2/	Gross Revenue Co	nversion Factor	(GRCF) Calcula	tion:					
1	OPERATING REVE		SS INCOME				100.00		
2 3 4 5	LESS: INDIANA ADJUSTED GROSS INCOME (LINE 1 X .085) INCOME BEFORE FED INC TAX LESS: FEDERAL INCOME TAX						<u>8.500</u> 91.500		
6 7 8	LESS.FEDERAL INCOME TAX(LINE 4 X .35)32.025OPERATING INCOME PERCENTAGE59.475GROSS REVENUE CONVERSION59.475								
9	FACTOR (10)						<u>1.681379</u>		

The WACC (PRE - TAX) value on Line 6 is to be recorded on ES FORM 3.20, Line 5.

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 KENTUCKY POWER C Attachment 2 CURRE Page 34 of 34 MONTHLY REVE! FION FACTOR, and OVER/(UNDER) RECOVERY ADJUSTMENT

For the Expense Month of May 2007

SCHEDULE OF MONTHLY REVENUESCHEDULE OF MONTHLY REVENUES

Line No,	Description	Monthly Revenues	Percentage of Total Revenues	Monthly Revenues	Percentage of Total Revenues
1 2 3 4	Kentucky Retail Revenues FERC Wholesale Revenues Associated Utilities Revenues Non-Assoc. Utilities Revenues	\$28,451,204 \$478,578 \$3,191,585 \$9,274,553	68.7% 1.2% 7.7% 22.4%	\$478,578 \$2,964,559	67.8% 1.1% 7.1% 24.0%
5	Total Revenues for Surcharges Purposes	\$41,395,920	100.0%	\$41,965,085	100.0%
6	Non-Physical Revenues for Month	\$250,450		\$271,951	
7	Total Revenues for Month	\$41,646,370		\$42,237,036	

The Kentucky Retail Monthly Revenues and Percentage of Total Revenues (Line 1) are to be recorded on ES FORM 1.00, Lines 9 and 4. The Percentage of Kentucky Retail Revenues to the Total Revenues for the Expense Month will be the Kentucky Retail Jurisdictional Allocation Factor.

OVER/(UNDER) RECOVERY ADJUSTMENT

Line No.	Description	Amounts	Amounts
1	Kentucky Retail Surcharge Factor for March 2007	-1.1149%	-1.1149%
2	Kentucky Retail Revenues for Current Expense Month	\$23,784,196	\$23,784,196
3	Surcharge Collected (1) * (2)	(\$265,170)	(\$265,170)
4	Surcharge Amount To Be Collected	(\$433,979)	(\$433,979)
5	Over/(Under) Recovery (3) - (4) = (5)	\$168,809	\$168,809

The Over/(Under) Recovery amount is to be recorded on ES FORM 1.00, LINE 6.

NOTE : The sign on LINE 5 of ES FORM 3.30 will be changed on LINE 6 of ES FORM 1.00 in order to properly adjust the collection of the current month's expense.

Note:	Filed Amounts	Difference	Revised Amounts
Kentucky Retail Revenues	\$28,451,204	\$0	\$28,451,204
FERC Wholesale Revenues	\$478,578	\$0	\$478,578
Associated Utilities Revenues	\$2,964,559	\$227,026	\$3,191,585
Non-Assoc. Utilities Revenues (Physical Sales)	\$10,070,744	(\$796,191)	\$9,274,553
Total	\$41,965,085	(\$569,165)	\$41,395,920
Non Physical Sales	\$271,951	(\$21,501)	\$250,450
Total All Revenues	\$42,237,036	(\$590,666)	\$41,646,370

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RECEIVED

Elizabeth O'Donnell, Executive Director **Public Service Commission** Attn: Daryl Newby P.O. Box 615 Frankfort, KY 40602

JUL 1 9 2007 **PUBLIC SERVICE** COMMISSION

19 July 2007

Dear Ms. O'Donnell and Mr. Newby:

Attached are Kentucky Power Company's fuel adjustment clause schedules with supporting sales and fuel cost schedules. These calculations are based on an estimated June 2007 fuel costs with an adjustment reflecting actual May 2007 fuel costs.

The fuel adjustment clause factor of \$0.00244/kwh will be applied to our August 2007 billing. Pursuant to the Commission's Order dated October 3, 2002 in Case No. 2000-495B, page 5 reflects the peaking unit equivalent approach used to calculate the level of non-economy purchased power costs to flow through the fuel adjustment clause.

Also, we are attaching the system sales clause schedule with a supporting net revenue schedule calculated pursuant to the Commission's March 14, 2006 Order in Case No. 2005-00341. These calculations are based on an estimated June 2007 net revenue with an adjustment reflecting the true-up of May 2007 net revenue. Pursuant to the Settlement Agreement and the Commission's March 14th Order in Case No. 2005-00341 and the Company's System Sales Clause Tariff, net system sales revenue up to and including \$30M for the billing period April 1, 2007 through March 31, 2008 shall be based on 70/30 percent sharing basis. When the Company surpasses the off-system sales margin of \$30M, the customer sharing mechanism shall be on a 60/40 basis. The attached System Sales Clause Schedule, page 1 of 2, shows the net revenue level applied to our August 2007 billing will be in the amount of \$5,653,449 for a YTD total of \$19,562,330.

The net system sales clause factor of \$(0.0034442)/kwh (a credit) will be applied to our August 2007 billing.

All billings during August 2007 will show a combined factor of \$(0.0010042)/kwh (a credit).

If you have any questions, please advise.

Sincerely,

Errol K. Wagner Director of Regulatory Services

bcc: (all via email) Robin Wiseman - Canton (w/a) Justin O'Neil - Columbus (w/a) O. J. Sever, Jr. - Columbus (w/a) Jeff Brubaker - Cols (w/a) Steve M Trammell - Tulsa, (w/a)

John Pulsinelli – Columbus (w/a) Andrea M. Wallace – Cols (w/a) KPCo Regulatory File Book

KPSC Case No. 2006-00507 Letter Date October 10, 2007 Attachment 3 Page2 of 31

KENTUCKY POWER COMPANY

SUMMARY OF ADJUSTMENT CLAUSES

(+)

(+)

Month Ended:

June 2007

\$0.00244

-\$0.0034442

-\$0.0010042

1 Fuel Adjustment Clause Factor (Page 1 of 5)

2 System Sales Clause Factor (Page 1 of 2)

3 Total Adjustment Clause Factors

:

Effective Date for Billing

Submitted by:

August 2007

(Signature)

Title:

Date Submitted:

July 19, 2007

Director of Regulatory Services

KPSC Case No. 2006-00507 Letter Date October 10, 2007 Attachment 3 Page3 of 31

Page 1 of 5

KENTUCKY POWER COMPANY

FUEL ADJUSTMENT CLAUSE SCHEDULE

	Month Ended:	June 2007		
Fuel Fm (Fuel Cost Sched	lule)	\$9,828,806		
Sales Sm (Sales Schedule)	518,644,000	(+)	0.01895
Fuel (Fb)		\$8,703,098		
Sales (Sb)		527,226,000	(-)	0.01651
				0.00244

(\$/KWH)

Effective Date for Billing	August 2007
Submitted by:	E M Magner (Signature)
Title:	Director of Regulatory Services

Date Submitted:

-

July 19, 2007

KPSC Case No. 2006-00507 Letter Date October 10, 2007 Attachment 3 Page4 of 31

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	KENTUCKY POWER COMPANY		Page 2 of 5
	FUEL COST SCHEDULE		
	Month Ended: June 2007		
A.	Company Generation Coal Burned Oil Burned Gas Burned Fuel (jointly owned plant) Fuel (assigned cost during F. O.) Fuel (substitute for F. O.) Sub Total	(+) (+) (+) (+) (+) (-)	\$11,892,202 169,264 0 0 0 12,061,466
В.	Purchases Net Energy Cost - Economy Purchases Identifiable Fuel Cost - Other Purchases Identifiable Fuel Cost (substitute for F. O.) Sub Total	(+) (+) (-)	0 8,244,488 0 8,244,488
C.	Inter-System Sales Fuel Costs Sub Total		9,346,815
D.	Total Fuel Cost (A + B - C)		\$10,959,139
E.	Adjustment indicating the difference in actual fuel costand the estimated costfor the month ofMay 2007and the estimated costoriginally reported.\$10,896,965\$11,828,117(actual)(est.)	=	(931,152)
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		199,181
G.	Grand Total Fuel Cost (D + E - F)		\$9,828,806
	 * Estimated - based on actual Kentucky generation unit costs in June 2007 <u>\$12,061,466</u> 625,420,000 0.01929 	/KWH	

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KPSC Case No. 2006-00507 Letter Bate October 10, 2007 Attachment 3 Page5 of 31

KWH of company usage.

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KENTUCKY POWER COMPANY

SALES SCHEDULE

Month Ended:

June 2007

			Kilowatt-Hours	
A.	Generation (Net)	(+)	625,420,000	
	Purchases Including Interchange In	(+)	427,397,000	
	Sub Total		1,052,817,000	
B.	Pumped Storage Energy	(+)	0	
	Inter-System Sales Including Interchange Out	(+)	484,542,000	
	System Losses	(+)	49,631,000	*
	Sub Total		534,173,000	
	Total Sales (A - B)		518,644,000	

331,709

* Does not include

KENTUCKY POWER COMPANY

OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: Jun

Line

.

June 2007

No. 0.00425 (+) 1 FAC Rate Billed 554,740,596 (x) 2 Retail KWH Billed at Above Rate 2,357,648 FAC Revenue/(Refund) (L1 * L2) 3 516,093,000 (+)KWH Used to Determine Last FAC Rate Billed 4 (-) 7,495,300 5 Non-Jurisdictional KWH Included in L4 Kentucky Jurisdictional KWH Included in L4 (L4 - L5) 508,597,700 6 2,161,540 Recoverable FAC Revenue/(Refund) (L1 * L6) 7 196,108 Over or (Under) Recovery (L3 - L7) 8 (+)518,644,000 9 Total Sales (Page 3) (/) 510,642,700 10 Kentucky Jurisdictional Sales Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10) 1.01567 11 199,181 Total Company Over or (Under) Recovery (L8 * L11) 12

KPSC Case No. 2006-00507 Letter Bas October 10, 2007 Attachment 3 Page7 of 31

KENTUCKY POWER COMPANY

FINAL FUEL COST SCHEDULE

Month Ended:

May 2007

A. Company Generation Coal Burned Oil Burned Gas Burned Fuel (jointly owned plan Fuel (assigned cost duri (Fuel (substitute for F. C	ng F. O.) KWH X)	(+) (+) (+) (+) (+) (-) _	\$10,826,446 383,069 0 0 0	
	Sub-total		_	11,209,515	
B. Purchases Net Energy Cost - Econ Identifiable Fuel Cost - Identifiable Fuel Cost (s (Other Purchases)	(+) (+) (-)	0 5,769,926 0	(1)
	Sub-total		_	5,769,926	
C. Inter-System Sales Fuel Cost	S		-	6,082,476	(1)
	Total Fuel Cost (A	+ B - C)	=	\$10,896,965	

(1) Includes total Energy Costs of non-economy purchase per KPSC Order dated October 3, 2002 in Case No. 2000-495-B.

KPSC Case No. 2006-00507 Letter Date October 10,2507 O	£2
Attachment 3	
Page8 of 31	

KENTUCKY POWER COMPANY

SYSTEM SALES CLAUSE SCHEDULE Case No. 9061 and Stipulation and Settlement Agreement in Case No. 2005-00341 June 2007

Line No.	Month Ended:		
1	Current Month (Tm) Net Revenue Level	(+	5,653,449
2	Base Month (Tb) Tariff 19-2 Net Revenue Level	(-)	3,101,556
3	Increase/(Decrease) of System Sales Net Revenue		2,551,893
4	Customer 70% Sharing	(x)	70%
5	Customer Share of Increase/(Decrease) in System Sales Net Revenue		1,786,325
6	Current Month (Sm) Sales Level	(/)	518,644,000

YTD System	n Sales Profit
Feb-07	2,911,080
Mar-07	4,277,970
Apr-07	3,765,051
May-07	2,954,780
Jun-07	5,653,449
Jul-07	
Aug-07	
Sep-07	0
Oct-07	0
Nov-07	0
Dec-07	0
Jan-08	0
Total	19,562,330

7 System Sales Clause Factor - \$/Kwh

-0.0034442

* This factor is a credit to the customer when current month net revenue levels exceed the base month; and a charge when the current month net revenues levels are below the base month.

Effective Date for Billing:

Submitted by:

Title:

Date Submitted:

August 2007 (Signature)

Director of Regulatory Services

July 19, 2007

KPSC Case No. 2006-00507 Letter Date October 10, 2007 Attachment 3 Page9 of 31

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KENTUCKY POWER COMPANY

SYSTEM SALES CLAUSE NET REVENUE

		Month Ended:	June 2007	
Line <u>No</u> .		CURRENT MONTH	PRIOR MO. TRUE-UP ADJUSTMENT	TOTAL
1	Sales For Resale Revenues	\$13,634,292	(\$43,210)	\$13,591,082
2	Interchange-Delivered Revenues	-0-	-0-	-0-
3	Total System Sales Revenues	13,634,292	(43,210)	13,591,082
4	Sales For Resale Expenses	\$7,729,158	\$13,186	\$7,742,344
5	Interchange-Delivered Expenses	-0-	-0-	-0-
6	Non-Associated Utilities Monthly Environmental Costs*	195,289	0	195,289
7	Total System Sales Expenses	7,924,447	13,186	7,937,633
8	Total System Sales Net Revenues	\$5,709,845	(\$56,396)	\$5,653,449

.

*Source: ES Form 1.0, Line 3 ES Form 3.3, Line 4 Non-Associated Environmental Costs



KENTUCKY POWER FUEL COSTS (5010001, 5010013, & 5010019) JUNE 2007

COAL SURVEY CONVERSION COAL	\$11,892,201.70 \$0.00 \$0.00
TOTAL COAL	\$11,892,201.70
OIL	\$169,264.24
TOTAL FUEL	\$12,061,465.94



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			e No. 2006-00507 October 10, 2007 Attachment 3 Page11 of 31
KENTUCKY POWER COMPANY NET ENERGY REQUIREMENTS JUNE 2007			
Net Generation (Sch 12)			625,420
Purchases: 1. interchange Pool (Sch 4, Pool Energy)		192,426	
2. Interchange Received Cash		0	
 Purchased Power: Associated (Including Rockport Units 1 & 2) Purchased Power: Non Associated Subtotal 	174,752 60,219	234,971	
5. Loop in/Out (Sch 4, Loop or interchange in/Out - Nonassociated)		0	
Total Purchased Power			427,397
Available for Distribution			1,052,817
Saies 1. Interchange Pool (Sch 4, Total Assoc Co Saies)		247,500	
2. Total System Sales (Physical Sales)		233,447	
3. Total System Sales (Non - Physical Sales or Bookouts & Option	าร)	3,595	
Disposition of Energy			484,542
Total Supply for Net Energy Requirement <i>(NER)</i> (Internal Load Requirements)			568,275
Check: Total Sales (Calc for Deferred Fuel, Page 3 of 5, Total Sales (A - B)) Net System Losses MWH (Calc for Deferred Fuel, Page 3 of 5) Total Supply for Net Energy Equirement (NER)	518,644 49,631 568,275		
Current Month Energy Sales			
Billed KWH			
Preliminary Page 9-1 (Sch 5, Total Sales of Electricity) System Sales for Resale (Schedule 4,		562,741,896	
Total System Sales) System Interchange Sales (Schedule 4,		233,447,000	2 "
Total Assoc Co Sales) Total Current Month Billed Revenue		247,500,000	1,043,688,896
Accrued KWH Current Month Unbilled Page 9-1A (Sch 6)			270,508,453
Last Month Unbilled Page 9-1A Current Month Billed and Accrued KWH		[/	304,373,079 1,009,824,270

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					K	KENTUCKY POWER COMPANY	MPANY					
						Line Loss Caculation	tion					
		INPUT				BILLED & ACCRUED	IED					
							TOTAL	ASSOC.	SYSTEM	INTERNAL	ENERGY	% LINE
Inter		Rill &			H M M M		ENEKGY	COMPANY	SALES	ENEKGY	LUSI &	LUSS
9	Svstem	Accrd.	Total	Billed Only			DISPOSED	INTERCHANGE	RESALE	DISPOSED	NTED	INTERNAL
	Sales	Loss	Disposition				-	2	ę	(1-2-3-4)	9	(6/5)
##	##########	#		############					*************			
	180,807	37,315	1,133,614	(30,447)	JAN	06 current month	1,133,614	226,657	180,807	726,150	37,315	5.139%
						12 mos. ending	13,559,039	2,766,796	2,756,514	8,035,729	642,256	7.993%
197,969 23	233,870	75,719	1,183,392	70,989	FEB	06 current month	1,183,392	197,969	233,870		75,719	10.075%
						12 mos. ending	13,612,511	2,765,029	2,749,320	8,098,162	661,296	8.166%
257,553 22	226,681	54,266	1,200,512	73,930	MAR	06 current month	1,200,512	257,553	226,681	716,278	54,266	7.576%
						12 mos. ending	÷	2,760,249	2,672,853	8,081,245	659,024	8.155%
281,185 22	221,781	98,758	1,077,711	3,245	APR	06 current month	1,077,711			574,745	98,758	17.183%
						12 mos. ending	0	N	2,661,157	8,085,256	710,776	8.791%
129,331 19	191,082	56,870	906,998	66,154	MAY	06 current month	906,998	129,331	191,082	586,585	56,870	9.695%
						12 mos. ending	13,432,832	2,728,273	2,614,834	8,089,725	722,703	8.934%
283,427 25	254,340	65,193	1,146,790	62,242	NUL	06 current month	1,146,790		254,340		65,193	10.705%
						12 mos. ending	13,472,210	2,778,618	2,630,085	ω	734,015	9.103%
252,352 29	298,491	51,867	1,235,232	111,439	JUL	06 current month	1,235,232	252,352	298,491	684,389	51,867	7.579%
						12 mos. ending	13,520,281	2,772,406	2,667,490	8,080,385	731,011	9.047%
252,375 29	291,493	59,995	1,252,649	94,965	AUG	06 current month	1,252,649	252,375	291,493	708,781	59,995	8.465%
						12 mos. ending	÷	2,817,690	2,713,804	8,077,166	727,651	%600.6
297,092 19	196,951	85,826	1,056,706	(32,347)	SEP	06 current month		297,092	196,951	562,663	85,826	15.254%
						12 mos. ending		2,816,516	2,662,181	8,031,307	760,355	9.467%
305,738 24	240,217	44,753	1,163,289	103,139	OCT	06 current month	1,163,289	305,738	240,217	617,334	44,753	7.249%
						12 mos. ending	13,620,505	2,856,897	2,714,458	8,049,150	761,704	9.463%
287,102 18	184,004	46,903	1,133,742	94,784	NON	06 current month			184,004	662,636	46,903	7.078%
						12 mos. ending		CN	2,693,863	8,051,848	741,807	9.213%
193,816 18	186,140	52,806	1,135,365	76,562	DEC	06 current month		193,816	186,140	755,409	52,806	6.990%
						12 mos. ending	÷	2,964,597	2,705,857	7,955,546	730,271	9.179%
189,303 20	200,862	65,845	1,173,943	83,762	JAN	07 current month	1,173,943			783,778	65,845	8.401%
						12 mos. ending	13,666,329	~	~	8,013,174	758,801	9.469%
109,435 18	185,212	63,932	1,104,783	84,311	FEB	07 current month		109,435	185,212	810,136	63,932	7.892%
						12 mos. ending	÷	2,838,709	2,677,254	ω	747,014	9.255%
268,702 24	249,103	79,703	1,189,976	(8,566)	MAR	07 current month	1,189,976	268,702	249,103	672,171	79,703	11.858%
						12 mos. ending		2,849,858	2,699,676	ω	772,451	9.622%
182,068 19	199,389	63,780	1,004,763	38,393	APR	07 current month		182,068	199,389	623,306	63,780	10.233%
						12 mos. ending	13,5	2,750,741	2,677,284	ŝ	737,473	9.131%
135,350 21	211,328	51,493	965,122	76,014	MAY	07 current month					51,493	8.326%
						12 mos. ending	Ì	~	~	ω	732,096	9.029%
247,500 23	233,447	42,661	1,052,817	8,796	NNr	07 current month		247,500	233,447	571,870	42,661	7.460%
						12 mos. ending	13,468,387	2,720,833	2,676,637	8,070,917	709,564	8.792%

	JUNE 2007	
	Source and Disposition of Energy (Total System)	Megawatthours
	Generation:	
1	Total Net Generation (Sch 3)	625,420
	Purchased Power:	
	Interchange Pool (Sch 4, Pool Energy) Interchange Received Cash Purchased Power: Associated	192,426 0
	(Including Rockport) (Sch 4 or 12A) Purchased Power: Non Associated	174,752 60,219
6	Loop In/Out (Sch 4, Loop or Interchange In/Out - Nonassociated)	0
7	Total Purchased Power	427,397
8	Total Source (1 Plus 8)	1,052,817
	Billed and Accrued	
10	Total Energy Sales (Sch 3) Used in Electric & Other Departments (Sch 2) Furnished Without Charge	1,009,824 332 0
12 13	Total Energy Accounted For (+10+11+12) Energy Lost and Unaccounted For	1,010,156 42,661
	Total Disposition (Must Equal Line 8)	1,052,817
	Billed Only (Memo)	
15 16 17	Total Energy Sales (Sch 3) Used in Electric & Other Departments (Sch 2) Furnished Without Charge	1,043,689 332 0
18	Total Energy Accounted For	1,044,021
19 20		8,796 1,052,817

KENTUCKY POWER COMPANY

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KENTUCKY POWER COMPANY

Attachment 3	
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KPSC Case No Schedule 12 Letter Date October 10, 2007

JUNE 2007 ESTIMATE

SOURCES AND DISPOSITION OF ENERGY FOR FERC TYPE FUEL COST ADJUSTMENT CLAUSE

_SOURCES OF ENERGY	MWH	\$ AMOUNT	MILLS/kWh	
1. NET GENERATION OWN FOSSIL GENERATION	625,420	12,061,466	19.285	
UNIT POWER PURCHASE (AEG) ROCKPORT #1	126,428	2,004,506	15.855	
UNIT POWER PURCHASE (AEG) ROCKPORT #2	48,289	826,556	17.117	
				Sch
SUBTOTAL, ITEM 1	800,137	14,892,528	18.612	8
SYSTEM POOL - PRIMARY & ECONOMY	29,138	399,331	13.705	
AEP SYSTEM CASH PURCHASES	60,256	2,568,337	42.624	
INTERRUPTIBLE BUY-THROUGH	0	0	0.000	
SUBTOTAL, ITEM 2	89,394	2,967,668	33.198	
3. TOTAL SOURCES (1+2)	889,531	17,860,196	20.078	
				Line
		5,798,730		33
DISPOSITION OF ENERGY 4. OFF SYSTEM ALLOCATION OF SOURCES SYSTEM POOL - PRIMARY & ECONOMY UNIT POWER PURCHASE (AEG) ROCKPORT #1 UNIT POWER PURCHASE (AEG) ROCKPORT #2	51,317 22,471 12,298	955,110 385,081 210,849	18.612 17.137 17.145	
AEP SYSTEM CASH PURCHASES	59,641	2,548,669 2,850,144	42.734 18.309	
OWN GENERATION INTERRUPTIBLE BUY-THROUGH	155,667 139	10,710	77.050	
INTERROPTIBLE BUT-THROUGH	100	10,710	11.000	Line
SUBTOTAL, ITEM 4	301,533	6,960,564	23.084	33
5. FUEL IDENTIFIED FOR NER (3-4)	587,998	10,899,632	18.537	
6. TOTAL (4+5)	889,531	17,860,196	20.078	
A.FUEL IDENTIFIED FOR NER (LINE 5 ABOVE)	587,998	10,899,632	18.537	
	20 864	0	0.000	
RECEIPTS (+) DELIVERIES (-)	30,864 618,862	10,899,632	17.612	
C.FUEL IDENTIFIED FOR NER (LINES A+B) D.OUT OF PERIOD ADJUSTMENT	010,002	10,699,632	0.000	
E.CONVENTIONAL HYDRO	0	0	0.000	
F.TOTAL SUPPLY FOR NET ENERGY REQUIREMENT (NER)	618,862	10,899,632	17.61238	
· · · · · · · · · · · · · · · · · · ·				

UNIT POWER PURCHASE (AEG) ROCKPORT #1 USE AVG RATE FROM POWER BILL

UNIT POWER PURCHASE (AEG) ROCKPORT #2 USE AVG RATE FROM POWER BILL 800137 14892528

18.612

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Kentucky Power Company - Building Usage - June 2007

Metered Usage In Company Buildings For The Current Month	331,709
Metered Usage In Company Buildings For The Prior Month	368,882

Current Month Company Usage

ASHLAND	143,220	.kWh
SO. WILLIAMSON	1,739	kWh
HAZARD/PIKEVILLE	186,750	kWh
CURRENT MONTH	331,709	kWh
PRIOR MONTH ADJUSTMENT	0	kWh
CURRENT MONTH REPORT	331,709	kWh

332 mWh

Source: OSPRIO60

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KENTUCKY POWER COMPANY POWER TRANSACTION SCHEDULE May 2007

TRANSACTION TYPES *

F	FIRM
LT-CAP	LONG TERM CAPACITY
L-TERM	LIMITED TERM
S-TERM	SHORT TERM
PRE	PRE-SCHEDULED
RESCAP	RESERVED CAPACITY
ARS-EMRG	AUTO RESERVE SHARING - EMERG.
EXP-CONG	EXPLICIT CONGESTION
IMP-CONG	IMPLICIT CONGESTION
SPOT-ENG	PJM MARKET SPOT ENERGY
ND	NON-DISPLACEMENT
SUPP	SUPPLEMENTAL (OVEC)
EMERG	EMERGENCY
CMP-UPR	UNIT POWER
NF	NON-FIRM
PKPWR	PEAKING POWER
CCS;COALPH	COAL CONVERSION SVC.
GENLOS	GENERATION LOSS
BKI-EXCS	BUCKEYE EXCESS POWER
U-ENERGY	UNIT ENERGY

OTHER

HR	HOURLY
DY	DAILY
WK	WEEKLY
MO	MONTHLY
YR	YEAR
РН	PHYSICAL

* Due to voluminous transactions, they are aggregated by type rather that by interconnected utility.

KENTUCKY POWER COMPANY POWER TRANSACTION SCHEDULE MONTH ENDED: MAY 2007

PURCHASES	BILLING COMPONENTS					
TRANSACTION TYPE	MWH	FUEL CHARGE	DEMAND	OTHER CHARGES	TOTAL CHARGES	
		(\$)	(\$)	(\$)	(\$)	
DY-2F	29,568	1,057,308.72	0.00	264,323.57	1,321,632.29	
HR-2NF	795	46,437.35	0.00	9,147,17	55,584.52	
EXP-CONG	0	0.00	0.00	2,561.13	2,561.13	
IMP-CONG	0	0.00	0.00	373,772.42	373,772.42	
SPOT-ENG	34,064	1,300,587.97	0.00	325,146.01	1,625,733.98	
DY-F	128	6,277.92	0.00	1,569.44	7,847.36	
DY-NF	236	11,510.57	0.00	2,877.68	14,388.25	
HR-NF	3,827	145,398.08	0.00	<u>36,349.18</u>	<u>181,747.26</u>	
	68,618 ⁽¹⁾	2,567,520.61	0.00	1,015,746.60	3,583,267.21	
AEP POOL PRIMARY PURCHASES:	188,367	2,501,037.00	0.00	436,870.00	2,937,907.00	
INTERRUPTIBLE BUY/THROUGH						
(AEP AFF. COS.)	0	0.00	0.00	0.00	0.00	
BOOKOUTS/OPTIONS:	271,660	0.00	0.00	10,129,459.00	10,129,459.00	
TOTALS:	528,645	5,068,557.61	0.00	11,582,075,60	16,650,633.21	

	<u>MWH</u>	Total Energy Charges
(1) ALLOCATED TO SYSTEM SALES:	65,575	3,225,197.66
ALLOCATED TO INTERNAL CUSTOMERS:	3,043	358,069,55
	68,618	3,583,267,21
LESS: PJM IMPLICIT CONGESTION INCLUDED IN THE INTERNAL CUSTOMER'S FIGURE:	0	314,378.49
NET INCLUDABLE ENERGY CHARGES:	68,618	3,268,888.72

NOTE:

IN THE ABOVE TRANSACTIONS THERE WERE NO PURCHASES AS A RESULT OF FORCED OUTAGES AT BIG SANDY PLANT.

KENTUCKY POWER COMPANY POWER TRANSACTION SCHEDULE MONTH ENDED: MAY 2007

MONTH ENDED: MAY 2007				BILLING COMPO	NENTS	
SALES	KPCO MLR	SUPPLIED BY KPCO		VI.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	SHARE OF	SOUR				
TRANSACTION	DELIVERED		FUEL		OTHER	TOTAL
TYPE	MWH	MWH	CHARGE	DEMAND	CHARGES	CHARGES
			(\$)	(\$)	(\$)	(\$)
LT-CAP	11,466	8,412	149, 812.1 0	230,256.00	42,120.19	422,188.29
RESCAP	0	0	0.00	18,051.77	0.00	18,051.77
DY-2F	102,366	73,212	1,902,253.81	0.00	3,224,275.93	5,126,529.74
DY-2NF	0	90	4,549.68	0.00	3,971,36	8,521.04
CMP-UPR	0	0	0.00	43,992.00	0.00	43,992.00
SPOT-ENG	61,731	46,665	1,529,631.07	0.00	923,313.74	2,452,944.81
MO-F	32,934	22,739	418,080.90	389,056.74	712,981.23	1,520,118.87
DY-F	816	736	23,397.02	0.00	31,969,38	55,366.40
DY-NF	9,102	4,893	138,962,43	0.00	228,869.36	367,831.79
HR-NF	2,164	1,348	52,123.72	0.00	61,223.10	113,346.82
GENLOS	7	1	64,46	0.00	(64.46)	0.00
BKI-EXCS	235	<u>238</u>	<u>16,187.38</u>	<u>0.00</u>	<u>4,548.04</u>	<u>20,735.42</u>
	220,821	158,334	4,200,635.17	⁽¹⁾ 681,356.51	5,267,635.27	10,149,626.95
AEP POOL SALES (PRIMARY/ECONOMY)	O	58,971	1,188,247.00	0.00	243,067.00	1,431,314.00
INTERRUPTIBLE BUY/THROUGH (AEP AFF. CO./KY EL. STEEL)	i 0	17	975.00	0.00	254.00	1,229.00
BOOKOUTS/OPTIONS:	304,969	0	0.00	0.00	10,541,925.00	10,541,925.00
TOTALS:	525,790	217,322	5,389,857.17	681,356.51	16,052,881.27	22,124,094.95
KPCo's other costs incurred, (othe	r than fuel from A	ccount 151):				1,176,890.93
KPCo's MLR share of AEP energy c	ost less the actual	energy costs in	curred by KPCo:			2,214,910.50
KPCo's MLR share of the difference	ce (Total AEP ener	gy charges - Tot	al AEP energy cost:	s):		1,875,833.84
Total (Other Charges):						5,267,635.27

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⁽¹⁾ Includes (\$34,427.40) adjustment for chemicals carried over to Other Charges.

FINAL SCHEDULE MAY 2007 COSTS - ACTUAL

KENTUCKY POWER COMPANY FUEL COST SCHEDULE MONTH ENDED: MAY 2007

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FUEL CUST SCHEDULE					
MONTH ENDED: MAY 2007				FUEL	
	BIG SANDY	ROCKPORT	ROCKPORT	AMOUNTS	
(A) COMPANY GENERATION	(PLANT)	UNIT #1	UNIT #2	(\$)	
COAL BURNED	8,537,426.25	2,289,020.00	0.00	10,826,446.2	5
OIL BURNED	302,589.19	80,480.00	0.00	383,069.1	
GAS BURNED		,		=	
FUEL (JOINTLY OWNED PLANT)				医子囊 走 经子费 医子宫 医子宫 医子宫子宫 医子	
FUEL (ASSIGNED COST DURING F.O.)					
(0×0.000)				0.0	0
FUEL (SUBSTITUTE FOR F.O.)				الله التي وي التي الله الله وي وي الله الله الله وي وي الله الله الله وي وي الله الله الله الله وي و	
SUB-TOTAL				11,209,515.4	4
(B) PURCHASES					
NET ENERGY COST - ECONOMY PURCHASES				0.0	ŝ
(1) IDENTIFIABLE FUEL COST - OTHER PURCHASES				5,769,925.7	
IDENTIFIABLE FUEL COST - OTHER FURCHASES	١			0,109,200,1	6
IDENTIFIABLE FOLL COST (CODOTITOTETORT.C	.)				
(0 × 0.000)				0.0	0
SUB-TOTAL				5,769,925.7	2
(C) INTER-SYSTEM SALES					
(1) FUEL COSTS				6,082,476.1	6
TOTAL FUEL COSTS (A + B - C)				10,896,965.0	0
F.O. = FORCED OUTAGE					
DETAILS:					
FUEL (ASSIGNED COST DURING F.O.)					
	_				
QUANTITY OF SUBSTITUTE ENERGY GIVEN AN A. AT THE BIG SANDY FUEL RATE OF:	SSIGNED COST	(Kwh): 20,509	MILLS/KWH		0
IDENTIFIABLE FUEL COST (SUBSTITUTE FOR F.O. PURCHASES SUBSTITUTED FOR F.O.:	.)				
	1.54761	12 277		ŧ 0.00	^
PRIMARY ENERGY (AEP POOL) 00,000,000 CASH PURCHASES FROM NON-AFFILIATED COS. (kWH N KWH	13.277	MILLS/KWH MILLS/KWH		
UNDERFURIENDED EKUMINUN-AFFLLATEU COD. 1	~ ~ * * *		₽₩}₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩	Ψ 0,00	-
TOTAL PURCHASES (IDENTIFIABLE FUEL COST)					
(SUBSTITUTE FOR F.O.):	Kwh	13.277	MILLS/KWH	\$ 0.00	0

⁽¹⁾ INCLUDES TOTAL ENERGY COSTS OF NON-ECONOMY PURCHASES AS PER KPSC ORDER OF OCTOBER 3, 2002 IN CASE NO. 2000-00495-B.

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Flow Date	<u>Columbia</u> <u>Gas,</u> <u>Appalachia</u> <u>Gas Daily</u> <u>Avg.</u> (\$/MMBtu)	<u>Park &</u> <u>Lend</u> <u>Service</u> (\$/MMBtu)	<u>Energy</u> <u>Cost</u> (\$/MWh)*	
01-May-07	8.025	0.1983	85.52	
02-May-07	8.020	0.1983	85.47	
03-May-07	8.040	0.1983	85.68	
04-May-07	8.030	0.1983	85.57	
05-May-07	8.200	0.1983	87.34	
06-May-07	8.200	0.1983	87.34	
07-May-07	8.200	0.1983	87.34	
08-May-07	8.085	0.1983	86.15	
09-May-07	7.915	0.1983	84.38	
10-May-07	7.865	0.1983	83.86	Minimum(75%: \$62.90/MWh)
11-May-07	8.015	0.1983	85.42	
12-May-07	7.920	0.1983	84.43	
13-May-07	7.920	0.1983	84.43	
14-May-07	7.920	0.1983	84.43	
15-May-07	8.270	0.1983	88.07	
16-May-07	8.100	0.1983	86.30	
17-May-07	8.080	0.1983	86.09	
18-May-07	8.175	0.1983	87.08	
19-May-07	8.355	0.1983	88.95	
20-May-07	8.355	0.1983	88.95	
21-May-07	8.355	0.1983	88.95	
22-May-07	8.185	0.1983	87.19	
23-May-07	8.185	0.1983	87.19	
24-May-07	8.155	0.1983	86.87	
25-May-07	8.175	0.1983	87.08	
26-May-07	8.040	0.1983	85.68	
27-May-07	8.040	0.1983	85.68	
28-May-07	8.040	0.1983	85.68	
29-May-07	8.040	0.1983	85.68	
30-May-07	8.085	0.1983	86.15	
31-May-07	8.320	0.1983	88.59	

* Based on 10,800 Btu/kWh for June - August. * Based on 10,400 Btu/kWh for September - May.

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D 6.00 0.00 275,245 5.76 5.00

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KE		1 MONTH BILLED AND ESTIMATED - MCSR0194						Page:			10
		_						June 200	70		B-
FERC	OPERATING REVENUE ACCOUNTS		TING REVENUES			T-HOUR SALES			DMERS		PER KWH
ACCT NO.	· · · · · · · · · · · · · · · · · · ·	THIS YR	LASTYR	% CHNG	THIS YR	LAST YR	S CHNG	THIS YR	LASTYR	2007	2006
	BALEB OF ELECTRICITY									Į	
	RESIDENTIAL WITHOUT SPACE HEATING			3.85		** *** ***		60,558	<i>.</i>		
4400 002		4,448,732.01	4,276,132.09		62,207,716	56,903,601	9.32		£1,743	7.14	7.51
4400 001	WITH BPACE HEATING	7,161,861,30	7,000,455.52	2.43	102,509,099	35,543,375	7.29	83,175	82,377	6.99	7.33
	TOTAL RESIDENTIAL	11,603,593.31	11,276,588,63	2,95	164,716,815	152, 646, 976	E.05	141,743	144,120	7.05	7.40
	CONNERCIAL									0.00	0.00
4420 001	DINER THAN PUBLIC AUTHORITELS	6,295,458.40	6, 335, 363, 13	0.63-	68,303,888	14.903.726	4.00	26,465	26,189	7.13	7.46
	PUBLIC AUTHS - SCHOOLS			11.23			17.30	761		1	
4420 006		1,043,037.03	537,706.04		14,778,900	12,599,203			772	7.06	7.44
4420 DO7	PUBLIC AUTHS-OTHER THAN SCHOOL	1,019,045.30	1,037,499.78	1.78-	14,778,274	14,522,619	1.76	2,453	2,718	6.90	7.14
	TOTAL COMMERCIAL	8,357,540.79	8.310,565.93	0.57	117,861.062	112,025,548	5.21	29,679	29,279	7.09	7.42
										0,00	0.00
	EXCLUSING MINE POWER				101 .01 000						
H20 002		7,445.555.63	7,973,394.92	6.61.	191,463,766	3#6,246,083	2_80	95D	962	3 - 89	4.20
420 004	MINE POWER	4,323,788.6D	4,932,754.53	12.27-	80,135,785	\$7,677,251	\$.60-	483	505	5.39	5.63
420 005	ASSOCIATED COMPANIES	8.00	0,00	100.00	u	C	100.00	ø	0	0.00	0.00
	TOTAL INDUSTRIAL	11,758,344.23	12.305.149.45	8.81-	371,599,552	273,923,339	0.85-	1,433	1,465	4.33	4.71
	COMMERCIAL AND INDUSTRIAL	20.125.015.03	21.215,716.38	5.14-	389,460,617	385,948,887	0.91	31,217	30,745	5.17	5.50
	PUBLIC STREET & HIGHWAY LIGHT	1								1	
440 000	PUBLIC STREET & HIGHWAY LIGHT	86,473.59	96,865.37	10.73-	563,168	609,085	7.66-	171	390	15.35	15.88
	TOTAL PUBLIC STREET & HIGHWAY LIGHT	86, (72, 53	96.865.27	10.73-	563,168	609,885	7.65-		382	25.35	25.88
	OTHER BALES TO PUBLIC AUTHS									0.0D	0.00
4450 001	PUBLIC SCHOOLS	0.00		100.00	р	a		c			
			D.00			-	190,00		¢	c.00	0.00
14 50 002	OTHER THAN PUBLIC BCHOOLS	G.00	0.00	100.00	0	•	100.00	° 0	0	0.00	0.00
	TOTAL OTHER SALES TO PUBLIC AUTHS	£.50	0.00	108.00		, O	100.00	D	0	0.00	0.00
	ULTINATE CUSTOMERS	31,821,951,72	33,589,270.26	2.356	554,740,395	539,005,748	2.32	175,228	175,245	5.74	6,05
H70 XXX	OTHER ELEC UTILS	0.00	000	100.00		· ·					
	TOTAL GALES FOR RESALE					a	100.00	0	0	0.00	0.00
	TOTAL BALLS FOR REDALE	0,00	0.00	100.00	0	- · ·	100.00	D	0	0.00	0.00
	TOTAL BALES OF ELECTRICITY									00.0	0.00
		31,821,951.72	32,589,170.26	2.35-	554,740,596	539,005,74#	2.92	175,228	175,245	5.74	6.05
	NET OF PROVISION PROVISION FOR REFUND										
491	PROVISION FOR REFUND PROVISION FOR REVENUE REFUND	0.00	C. 0D	100-00	D	0	100.00		0	0.00	0.00
	TOTAL PROVISION FOR REFIND		D.00	100.00	D			6	-		
		0.00	¢,00	100.00	v	0	100-00		•	0.00	0.00
	TOTAL NET OF PROVISION	D.00	0.00	100.00			200,00	·····			
	OTHER OPERATING REVENUES	0.00	0.00	100.00			100,00	0	0	0.00	0.00
	OPERATING REVENUE										
500	FORFEITED DISCOUNTS	98,613.00	138,351.06	28.73-	0	a	100.00	D	o	0.00	0.00
510	NUCCELLANEOUS GERVICE REVENUES				Ū	-					
-		43,322.30	32,912-64	32.63		0	100.00	0	0	C.CD	0.00
530	BALES OF WATER AND WATER POWER	u	0.00	300.00	C	D	100.00	•	D	n.00	C _ CD
540	RENT FROM ELE PROPINON ASSOC	D. QC	Ŭ. DD	200.00	٥	0	100.00	0	a	0.00	0.00
560	OTHER ELECTRIC REVENUES	0.00	0.00	200.00		0	100.00	0	a	0.00	0.00
	TOTAL OPERATING REVENUE	141,934.39	171,273.70	17.13-	0	D	100.00	a	0	0.00	0,00
		}		1						D.0D	0.00
	TOTAL OTUGE OF CREATING DESIGNATION	her als he	131 831 34	17.11.1							

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TOTAL OTHER OPERATING REVENUES

TOTAL OPERATING REVENUES

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141,914.19

31,963,886.13

171,273.70

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33,760,443.96

17.13-

2.43-

0

554, 740, 596

0 100.00

539,005,748 2.92

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175,228

INVOICE AMERICAN ELECTRIC POWER AS AGENT FOR KENTUCKY POWER COMPANY STATEMENT OF SCHEDULED TRANSACTIONS

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KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 3 Page 22 of 31

THE CITY OF OLIVE HILL, KENTUCKY							
INVOICE DATE: PAYMENT DUE DATE: INVOICE NUMBER:	5/8/2007 5/18/2007 117-20406813						
INVOICE PERIOD:		01-Apr-2007 -	30-Apr-2007	Eastern Prevalling Time			
Billing Information:							
-		<u>Peak kW</u>	<u>\$/kW</u>	Billing \$			
Demand Charge:							
Peak Date & Time	e: 04/08/07 @ 9:00		ι,				
		4,427	\$9.26	\$40,994.02			
		Accumulated kWH	<u>\$/kWh</u>				
Energy Charge:		1,977,408	⁾ \$0.0031396	\$6,208.27			
Fuel Charge:		1,977,408	\$0.0170476	\$33,710.06			
Fuel Adjustment Charge:		1,977,408	\$0.0027866	\$5,510.25			
February 2007 Actual Fuel True-Up:	<u>.</u>						
Actual F	Fuel Adjustment Charge: Fuel Adjustment Charge: Fuel Charge Difference:	2,995,023	\$0.0025232 <u>\$0.0027866</u> \$0.0002634	\$788.89			
January 2007 Actual Fuel True-Up:							
Actual Revision 1 I	uel Adjustment Charge: Fuel Adjustment Charge: Fuel Charge Difference:	2,745,173	\$0.0019501 <u>\$0.0017586</u> (\$0.0001915)	(\$525.70)			
PJM Open Access Transmission Ta	ariff			\$16,564.49			
AMOUNT DUE AEP				\$103,250.28			
	METHO	DS OF PAYMENT					
Bank Instructions:							
By Wire Transfer To: Citibank, N.A., N.Y. ABA# 0210-00089 Kentucky Power Company - Generati Account Number 30484544	ion						
Billing Questions: (614) 583-6225 or	(614) 583-6149						

	AMERICAN AS AGENT FOR KE STATEMENT OF SC	VOICE ELECTRIC POWER NTUCKY POWER COM CHEDULED TRANSACT WITH ANCEBURG, KENTUCH	Letter Da IPANY TIONS	Case No. 2006-00507 Ited October 10, 2007 Attachment 3 Page 23 of 31
INVOICE DATE: PAYMENT DUE DATE: INVOICE NUMBER:	5/8/2007 5/18/2007 117-20406812			
INVOICE PERIOD:		01-Apr-2007 -	30-Apr-2007	Eastern Prevalling Time
Billing Information:				
<u>Demand Charge:</u> Peak date & Time	e: 04/10/07 @ 8:00	<u>Peak kW</u>	<u>\$/kW</u>	<u>Billing_\$</u>
		11,426	\$9.08	\$103,748.08
F		Accumulated kWH	<u>\$/kWh</u>	
Energy Charge:		5,517,935	\$0.0030769	\$16,978.13
Fuel Charge:		5,517,935	\$0.0167067	\$92,186.48
Fuel Adjustment Charge:		5,517,935	\$0.0027309	\$15,068.93
February 2007 Actual Fuel True-U	<u>D:</u>		-	
Actual	Fuel Adjustment Charge: Fuel Adjustment Charge: 7 Fuel Charge Difference:	7,202,739	\$0.0024727 <u>\$0.0027309</u> \$0.0002582	\$1,859.75
January 2007 Actual Fuel True-Up	i			
Actual Revision 1	Fuel Adjustment Charge: Fuel Adjustment Charge: 7 Fuel Charge Difference:	6,588,896	\$0.0019111 <u>\$0.0017234</u> (\$0.0001877)	(\$1,236.74)
PJM Open Access Transmission 1	ariff			\$25,133.18
AMOUNT DUE AEP				\$253,737.81
Bank Instructions:	METHOD	DS OF PAYMENT		
By Wire Transfer To: Citibank, N.A., N.Y. ABA# 0210-00089 Kentucky Power Company - Genera Account Number 30484544 Billing Questions: (614) 583-6225 o				<i>.</i>

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	AMERICAN AS AGENT FOR KE	IVOICE ELECTRIC POWER NTUCKY POWER COMP HEDULED TRANSACTIC WITH	Letter Da	Case No. 2006-00507 nted October 10, 2007 Attachment 3 Page 24 of 31
INVOICE DATE: PAYMENT DUE DATE: INVOICE NUMBER:	THE CITY/OF O 7/10/2007 7/20/2007 117-20419345	DLIVE HILL, KENTUCKY		
INVOICE PERIOD:		01-Jun-2007 -	30-Jun-2007	Eastern Prevalling Time
Billing Information:				
Demand Charge:		<u>Peak kW</u>	<u>\$/kW</u>	<u>Billing</u> \$
Peak Date & Tin	ne: 06/18/07 @ 17:00			
		5,083	\$9.20	\$46,763.60
		Accumulated kWH	<u>\$/kWh</u>	
Energy Charge:		2,198,936	\$0.0033315	\$7,325.76
Fuel Charge:		2,198,936	\$0.0186328	\$40,972.33
Fuel Adjustment Charge:		2,198,936	-\$0.0009850	(\$2,165.95)
April 2007 Actual Fuel True-Up:				
Actual	Fuel Adjustment Charge: Fuel Adjustment Charge: 7 Fuel Charge Difference:	1,977,408	\$0.0027866 <u>\$0.0006002</u> (\$0.0021864)	(\$4,323.40)
PJM Open Access Transmission	<u> Tariff</u>			\$16,476.05
<u>2006 Annual True-up - Monthly Pa</u>	y <u>ment</u> Jun-07 Jul-07 Aug-07	\$9,470.36 \$9,470.36 \$9,470.36		\$9,470.36
AMOUNT DUE AEP				\$114,518.75
Bank Instructions: By Wire Transfer To:	METHOD	DS OF PAYMENT		
Citibank, N.A., N.Y. ABA# 0210-00089 Kentucky Power Company - Genera Account Number 30484544	tion			
Billing Questions: (614) 583-6225 o	r (614) 583-6149			

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	AMERICAN AS AGENT FOR KE STATEMENT OF SC THE CITY OF V	NVOICE ELECTRIC POWER NTUCKY POWER COMPA CHEDULED TRANSACTIO WITH ANCEBURG, KENTUCKY	Letter Dai	Case No. 2006-00507 ted October 10, 2007 Attachment 3 Page 25 of 31
INVOICE DATE: PAYMENT DUE DATE: INVOICE NUMBER:	7/10/2007 7/20/2007 117-20419344			
INVOICE PERIOD:		01-Jun-2007 -	30-Jun-2007	Eastern Prevalling Time
Billing Information:				
<u>Demand Charge:</u> Peak date & Time:	06/27/07 @ 17:00	<u>Peak kW</u>	<u>\$/kW</u>	<u>Billing_\$</u>
		12,514	\$9.02	\$112,876.28
Energy Charge:		Accumulated kWH	<u>\$/kWh</u>	
<u>Energy onlinge.</u>		5,802,358	\$0.0032649	\$18,944.12
Fuel Charge:		5,802,358	\$0.0182602	\$105,952.22
Fuel Adjustment Charge:		5,802,358	-\$0.0009653	(\$5,601.02)
April 2007 Actual Fuel True-Up:				
Actual	Fuel Adjustment Charge: Fuel Adjustment Charge: Fuel Charge Difference:	5,517,935	\$0.0027309 <u>\$0.0005882</u> (\$0.0021427)	(\$11,823.28)
PJM Open Access Transmission T	ariff			\$24,913.30
<u>2006 Annual True-up - Monthly Pay</u>	<u>ment</u> Jun-07 Jul-07 Aug-07	\$23,432.48 \$23,432.48 \$23,432.48	·	\$23,432.48
AMOUNT DUE AEP				\$268,694.10
	METHO	DS OF PAYMENT		
Bank Instructions: By Wire Transfer To: Citibank, N.A., N.Y. ABA# 0210-00089 Kentucky Power Company - Generati Account Number 30484544	on			/
Billing Questions: (614) 583-6225 or	(614) 583-6149			

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KENTUCKT POVER COMPANY SYSTEM SALES TRACKER JUNE 2007			a							(7)		(1)	(W)	(N)	(0) (0)	(†) Revenue
(A)		(B) COBT	Net (C)	{ D } REVENUE F	(E) Revenue F	(F) REVENUE F	REVENUE	REVENUE	REVENUE	REVENUE		LEVENUE	REVENDE			4470107
i C I	Company, Com	Marce Robert			4470065	4470083	4470094	4470085	4470098	4470087	4470008	4470100	4470104	4010744		
5 -			2.891.410	0	0	۵	0	8	00	¢¢	00	00			.	.
0.0		6,885,486	2,920,208	D	•	0	•	-			0	¢	0	0	Ð	c
	(15,013)	13,108	(28,788)	Ð	0	D	Þ	• •	, ,		c	0	8	0	0	0
	Ð	Ð	Ð	o	0		D	o '		, c		278.850	Ð	0	(8,427)	(145-141)
	(254)	8	(784)	0	(37,192)	Ð	(+00'1)	- 1	.			0	Đ	D		01
	13,398,408 255,884	702,202,707 203,048	5,464,189 53,835	00	00		00				0	Ð	e.	0	ə	- (
		7 730 168	5.410.284	0	D	o	0	Ð	0	D	0	ø	•	D	D	
		0	D	• •	0	• •	0 (1.034)	0-	~ 0	00	0 61,604	0 278,650	00	••	0 (8,427)	(14,441)
	13,123,555 (R)	-	5,381,211 (T)		(7)	(W) Roventie	{ X } Boverage	(Υ) Revenue	(Z) Revenue	(AA) Revenue	(AB) Revenue	(AC) Revenue	(AD) Reverue ATATADO	(AE) Totel Phy REVENUE	(AE) (AF) (AG) Totel Physical Sales For Resele EVENUE COST NET	(AG) Resele Net
	Raverius 4470112	Revenue 4470115	4470117 4470117		44701118	4470124	4470125	4470120	4470131	4470204	0 6020/14	4470240	0	10,808,622	6,898,672	3,710,850
	1,178,321		00	00			000		(343,430) (343,430) (15,351)				00	10,647,322	6,885,488 13,188	3,781,636
	(8.738)	0	D	Ð	5					•	8	Ð	0	D	0	0
	•	0	0	Ð				1728 6271		934	(408)	198,830	(317,748)	(554,685)	0	(554,695)
	(30.141)	12,916 n	0 0	• •		0	5	0	(338,721)	00	00	00	00	14,303,042 256,084	7,832,207 203,049	6,370,835 63,935
	0	0	0	Ø	ø	Ø	ø						0	14,048,058	7,728,158	6,316,900
	1,245,357	D	Ð	0	•	D	Ð	D	(127,1855)	-	, т			Ð		
	0 1,208,480	0 12,018	00	φD	80	0 28,000	0 834	0 (728,537)	0 (354,072)	0 834	(408)	188,838	(317,748)	13,453,663	7,742,344	5,711.319
	(AH) Revenue	(AI) Revenue	(AJ) Revenue	(AK) Revenue	(AL) Revenue	(AM) Revenue	(AN) Revenue	(AO) Revenue Secondo	(AP) Revenue ETETODO	(ACI) Revenue ESDOOOC	(AR) Revenue 5500000	(AS) Revenue 5500000	(AT) Revenue 6500000	(AU) Totel Pi REVENUE	au) (AV) (AV) Total Physical Sales For Resale IBNUE CO3T NEI	(AW) X Resale NET
	6660036	5550038	6650039	5650044	558000Z	*000099	000+400	0000100			c	c	Þ	10,008,197		
	(803,425) (608,233)	00	60	00	00		000	000	000			000		10,051,089 (44,892)	6,855,486	.,
	(7,182)	0	D	0	0	D	2				c	0	o	D	Ð	
	0	0	0	Ð	•	Ð	C)				. 0	Þ	0	(824,511)		
	(101-107)	o	(18,269)	0	0	ø	(15,88	(2,300)	99,61)				D	13,475,807	7,932,207	
	(827,235) n	00	5 6	00	00	00		00	00	-	0		0	258,984		
	-			0	Ð	Ð	Ð	0	Đ	•	Ð	0	Ð	13,218,823	7,729,15	ctot A F
	U (cry')78)			• •	0	Ø			0	00		00	~ •	0 12,548,420	7,742,34	
	(853,834)	0	(18,289)	o		D	(15,890)	(0,2,2,0,0)								6-0050 10, 200 chment 26 of 3
											-					7 3 51

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	(P) For Resala NET	201,650 199,349 2,201	0	530,095	314,684 0	314,684	0 848,980	(AG) of Resele Net	203,232 201,189 2,048	(181)	609,917	430,083 0	430,083	0 1.041.682			۴ L	(PS ette		ast ate	Nc Oct	200 200 Agao Page)6-00 10, 2 chmo 27 o	0507 2007 ent 5 of 31
	(N) (O) (P) Subional Non Physical Seles For Resails REVENUE COST NET Subional	0,167,253 0,147,423 25,830	0	57,541	0,588,846 0	8,588,846	0 0	Ę.	9,107,253 9,141,423 25,830	Ð	58,953	9,568,646 D	9,566,646	0 8,849,429					COST	and a for cose		13.188 7,720,158		0506 2002 ent 5 of 31
	(N) Subforal Non. REVENUE	9,368,803 9,340.772 28,031	o	687,636	9,881,330 0	9,661,330	0 10,496,997	(AE) Fotal Non F REVENUE	8,370,485 9,342,809 27,878	(1984)	669,870	0,868,709 0	8,888,709	0 10,881,091					REVENUE			(43,210) (43,202) (434,202)		2357 38924
	(M) Revenue A470108	000	0	52,957	00	0	0 62,857	(q v)														ADJ.	*****	NET
	(L) Revenue 4470099		D	179,413		D	0 178,413	(AC) Cost 5550045									Cost Fee		7,729,158	Ð				7,729,158
	(K) Revenue 4470082	5,188 5,057 142	0	229,864	78,460 0	78,460	0 306.488	(AB) Cost 6550039		D	Ð	00	0	00			Cost	11.188	0					13,465
	(J) Rovenue 4470081		0	66,719	00	D	0 68,719	(AA) Cost 6550038		o	Þ	00	0	80			Revenue		0	17,205,804	0 7.729.158	42,358 58,853	Ð	13,034,202
	(;) Net	(14.747) (13.748) (898)	D	Ð	(16,958) D	(16,986)	0 (17,884)	(Z) Cosi 5650034	000	Đ	D	00	0	00			Revenue Adi	-112 D101	(1985)	39,016	0 13.168			(43,210)
	(H) Commissions 4470010	8.870 8.845 325	D	D	8,782 0	8,782	0 8,107	(Y) Cost 4470XXX		o	0	00	0	00										
	[G] Brokers C 4470008	(777.7) (77,104) (873)	Þ	Ð	(8,204) D	(8,204)	0 (8,877)	(X) Cosi 4470132	000	o	D	00		00		13,090,783	2,512,386	7,742,344	D		2,636,053	6,848,738		(3,012,885)
	(F) Net		0	Ð	• •	0		(W) Cost 4470111		0	D	00	0	80							2 3)			
	(E) Crei 4470011		0	o	00	0	00	(V) Cont 4470110		D	(889)	00		0 (588)	ion to query	XX Query	ü	:03T	(seded)		ET PROFIT/(LOS9)			
	(D) Revenue 4470007		ø	0	00	0	00	(U) Cost 4470072	000	o	0	00	0	00	RECONCILIATION TO	TOTAL 44700XX Gu	LESS ASSOC	LE3S 8/3 COST	Adjustmeni (il Needed	backad	SY9/BALES NET PR	NEL		DIFFERENCE
	(c) Net	211,098 208,041 3,057	0	1,142	253,210 0	253,210	0 257,409	(T) Revenue 4470XXX		0		00		00			ž	3,310,757	3,300,769 (58,032)	(196)	(14,584)	5,873,683 53,935	6,918,728	0 5,848,738
	(B) Cast 4470010	0,160,283 8,134,778 25,505	D	175'25	9,557,664 D	9,557,884	0 8,840,910	(S) Rovernie A470144	000	(384)	0	00		0 (186)			Cost	19,085,925	10,020,809 30,018	Ð	58,853	17,498,653 203,049	17,205,804	0 0
	(A) Revenue 4470008	8,371,381 8,342,819 28,582		58,683	9,811,074 0	9.811.074	0 8,888,315	(R) Rev <i>enut</i> 4470143	1,882 1,837 (155)		78,Z34	115,379 0	115,378	0 184,458			Печепие	19,376,882	18,393,698 (17,018)	(196)	42,358	23,472,518 258,984	Z3,Z15,53Z	0 23,240,511
JUNE 2007	Areas and the second	ACTUAL ESTIMATE ADJ.			ESTIMATE		TOTAL	annar sh' RTA	ACTUAL ESTIMATE Ani			ESTIMATE		TOTAL				ACTUAL				ESTIMATE	_	TOTAL
5	الم 1944مانيا لادام ، كاند 3 ما الاممام ، 124 ملكم من	19 PRIOR MO. 20 PRIOR MO. 21 CURR MO.	CSW DOLLAR TRNFR	TERMERINALINY	* 24 CURR MO. 25 ADJUSTMENT	Total Current Month 26 Estimate	CSW DOLLAR 27 TRANSFER - EST 28 CURR MO.	նու Բերեզմ ֆերե - Չոնս Բու Ասուն - ՔՀՈ Ոււսաստ	28 PRIOR MO. 30 PRIOR MO. 31 CUBR MO.	CSW DOLLAR TRNFR	Clini Booton 33 Annascione	• 34 CURR MO. 35 ADJISTMENT	Totel Current Munth 36 Estimate	CSW DOLLAR 37 TRANSFER - E8T 38 CURR MO.				38 PRIOR MO.	38 PRIOR MO. 40 CURR MO.	41 CSW DOLLAR THAFR	42 Tradescherus	43 CURR MO. 44 ADJUSTMENT	Total Current Moniti 45 Estimate CSN DOI: 45	46 TRANSFER-EBT 47 CURR.MO. TOTAL 23,240,511 17,391,773 5,848,738 DIFFERENCE (3,012,885) (43,210) 13,834,282 13,188 7,728,158 NET 47 CURR.MO. TOTAL 23,240,511 17,391,773 5,848,738 DIFFERENCE (3,012,885) (43,210) 13,834,282 13,188 7,728,158 NET

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KENTUCKY POWER COMPANY SYSTEM SALED TRACKER

Monthly Environmental Surcharge Report Analysis				
Monthly Environmental Surcharge Report Analysis	Current	KASE Cas	No. 2006-00507	Percentag
June 2007	Month	Matten Date	Octob pinererice 7 Attachment 3	Change
ES FORM 1.00				
Line 1- CRR from ES Form 3.0	2,691,620	2,915,796	(224,176)	-7.69
Line 2A- Brr from ES Form 1.10	1,913,578	1,514,859	398,719	26.32
Line 3- E(m) (Line 1 - Line 2)	778,042	1,400,937	(622,895)	-44.46
	770,042	1,400,007	(022,030)	
Line 4 - Kentucky Retail Jurisdictional Allocation Factor, ES FORM 3.30 Schedule of Revenues, Line 1	63.6%	67.8%	-4.20%	
Line 5A - KY Retail E (m) (Line 3 * Line 4)	494,835	949,835	(455,000)	-47.90
Line 5B - Monthly Increase in Jurisdictional Environmental Revenue Requirement per				
Case No. 2006-00128, dated January 31, 2007	95,494	95,494	0	0.00
Line 6 - (Over)/Under Recovery Adjustment from ES Form 3.30	78,185	(168,809)	246,994	-146.32
Line 7 - Net KY Retail E (m) (Line 5 + Line 6) - Expense	668,514	876,520	(208,006)	-23.73
Line 8 - Net Retail E(m) (line 7) - Expense	668,514	876,520	(208,006)	-23.73
Line 9 - KY Retail R(m) from ES Form 3.3 - Revenue	31,821,952	28,451,204	3,370,748	11.85
Line 10 - Environmental Surcharge Factor for Expense Month (Line 8 / Line 9)	2.1008%	3.0808%	-0.9800%	-31.81
Environmental Costs ES FORM 1.00, Line 3 (Environmental Costs to be Allocated)	778,042	1,400,937	(622,895)	
ES FORM 1.00, Line 3 (Environmental Costs to be Allocated) ES FORM 1.00, Line 5B (Retail Customers Only)	95,494	95,494	(022,095)	
ES FORM 1.00, Line 6 (Over/Under Recovery) (Retail Customers Only)	78,185	(168,809)	246,994	
Total Environmental Costs	951,721	1,327,622	(375,901)	······································
Allocation of Environmental Costs				
Kentucky Retail Revenues	668,514	876,520	(208,006)	
FERC Wholesale Revenues	5,446	15,410	(9,964)	
Associated Utilities Revenues	82,472	99,467	(16,995)	
Non-Associated Utilities Revenues (Off System Sales) Total Environmental Costs By Revenue Category	<u>195,289</u> 951,721	336,225 1,327,622	(140,936) (375,901)	
Jotal Environmental Costs By Revenue Category	331,721	1,521,022	(57 5,50 1)	
ES FORM 1.00, Line 3 (Environmental Costs to be Allocated)	778.042	1,400,937	(622,895)	
% of Kentucky Retail Revenues to Total Revenues for Month	63.6%	67.8%	(022,030)	
Applicable KY Retail Environmental Costs	494,835	949,835	(455,000)	
ES FORM 1.00, Line 5B (Retail Customers Only)	95,494	95,494		
ES FORM 1.00, Line 6 (Over/Under Recovery) (Retail Customers Only)	78,185	(168,809)	246,994	
Total Environmental Costs To Be Recovered	668,514	876,520	(208,006)	
				······
ERC Wholesale Revenues	0,7%	1.1%		
Associated Utilities Revenues (Off System Sales)	10.6% 25.1%	7.1%		•
Non-Associated Utilities Revenues (OI) System Sales)	20,1%	24.0%		
ES FORM 3.00			·	
First Component: Total Revenue Requirement - Big Sandy			f	* #* #### ····
Record on ES FORM 3.00, Line 1	3,104,980	3,227,641	(122,661)	
Second Component: Kentucky Power Company Portion of Rockport Total Revenue				
Requirement, Record on ES FORM 3.20, Line 2	48,609	48,438	171	
Third Component: Net Gain/(Loss) from Emission Allowance Sales	461,969	360,283	101,686	
Total Current Period Revenue Requirement, CRR				
Record on ES Form 1.0	2,691,620	2,915,796	(224,176)	
			$-\frac{1}{1}$	
				······
Kentucky Power Company		<u> </u>]		
--	---------------------------------------	---	--	----------------------
Monthly Environmental Surcharge Report Analysis	Current	KESC Case	No:-2006-00507-	Deserved
June 2007	Current Month	Letter Date	No: 2006-00507 Dotober 10, 2007	Percentage Change
		mornin	Page 29 of 31	Gillinge
ES FORM 3.10				
Line 1 - Utility Plant at Oringinal Cost	191,086,055	191,086,055	0	
Line 2 - Less Accumulated Depreciation	(34,852,455)	(34,229,909)	(622,546)	
Line 3 - Less Accum. Def. income Taxes	(33,859,759)	(33,572,199)	(287,560)	
Line 4 - Net Utility Plant Line 5 - SO2 Emission Allowance Inventory from ES FORM 3.11	122,373,841	123,283,947 11,705,515	(910,106) (202,855)	
Line 5 - SO2 Emission Allowance Inventory from ES FORM 3.11	0	0	(202,855)	
Line 3 - Cash Working Capital Allowance from ES FORM 3.13, Line11	121,614	124,040	(2,426)	
Line 8 - Total Rate Base	133,998,115	135,113,502	(1,115,387)	
Line 9 - Weighted Average Cost of Capital - ES FORM 3.15	10.15%	10,15%	0.00%	
Line 10 - Monthly Weighted Avg. Cost of Capital (9) / 12	0.85%	0.85%	0.00%	
Line 11 - Monthly Return of Rate Base (8) * (10)	1,138,984	1,148,465	(9,481)	
Operating Expenses :				
Line 12 - Monthly Depreciation Expense	576,258	576,258	0	
Line 13 - Monthly Catalyst Amortization Expense	46,030	46,030	0	
Line 14 - Monthly Property Taxes	15,153	15,153	0	
Line 15 - Monthly Kentucky Air Emissions Fee	20,849	32,201	(11,352)	
Line 16 - Monthly Environmental AEP Pool Capacity Costs from ES FORM 3.14, Page		4.050.004		
1 of 11, Column 5, Line 10 / Monthly Gavin Scrubber Cost from ES FORM 3.14	805,638	1,056,601	(250,963)	
Line 17 - Monthly 2003 Plan Non-Fuel O&M Expenses from ES FORM 3.13 Line 18 - Monthly SO2 Emission Allowance Consumption - ES FORM 3.11	332,040 170,028	235,191	96,849	
Line 18 - Monthly SO2 Emission Allowance Consumption - ES FORM 3.11	170,020	117,742	52,286	
ES FORM 3.12	o	o	0	
Line 20 - Total Operating Expenses [Line 12 thru Line 18]	1,965,996	2,079,176	(113,180)	
Line 21 - Total Revenue Requirement - Big Sandy -	1,000,000	2,070,170	(110,100)	
Record on ES FORM 3.00, Line 1	3,104,980	3,227,641	(122,661)	
· · · · · · · · · · · · · · · · · · ·			1	
ES FORM 3.11	-			*
SO2 Emission Allowance Inventory	11,502,660	11,705,515	(202,855)	
SO2 Emissions Allowances Consumed By Kentucky Power	4,273	2,959	1,314	
SO2 Allowance Management System - Internal Purchases	0.0			
SO2 Allowance Management System - Internal Purchases	0.0	0.0	0.0	
SO2 Allowance Management System - Internal Sales	0.0	0.0	0.0	
SO2 Allowance Management System - External Sales	825.0	749.0	76.0	*
SO2 Allowance Management System - Adjustments	0.0	0.0	0.0	
SO2 Allowance Management System - Consumption	4,273.0	2,959.0	1,314.0	
Member Load Ratio - KPC (ES FORM 3.11)	0.06896	0.07488	(0.00592)	
ES FORM 3.12 ECR & NOx Emission Allowance Inventory	0	0	0	
ECR Consumed By Kentucky Power		0	0	
NOx Consumed By Kentucky Power	549	449	100	
ES FORM 3,13				
1997 Plan :				
Monthly Kentucky Air Emissions Fee	20,849	32,201	(11,352)	
Total Monthly AEP Pool Environmental Capacity Costs / Monthly Gavin Scrubber Costs	449,996	607,187	(157,191)	-1
Monthly SO2 Allowance Consumption Total 1997 Plan O&M Expenses	170,028 640,873	117,742 757,130	52,286 (116,257)	
	010,010	107,100	(110,237)	
			1	
			0	
2003 Plan :	O.	0		······
2003 Plan : Monthly Varible Cladding at Big Sandy Unit 1 Monthly Urea Consumption at Big Sandy Unit 2	0. 328,610	0 207,116	121,494	
2003 Plan : Monthly Varible Cladding at Big Sandy Unit 1 Monthly Urea Consumption at Big Sandy Unit 2 Monthly Catalyst Replacement at Big Sandy Unit 2	328,610 0	207,116 0	121,494	
2003 Plan : Monthly Varible Cladding at Big Sandy Unit 1 Monthly Urea Consumption at Big Sandy Unit 2 Monthly Catalyst Replacement at Big Sandy Unit 2 Monthly ERC & NOx Allowance Consumption	328,610 0 0	207,116 0 0	121,494 0 0	
2003 Plan : Monthly Varible Cladding at Big Sandy Unit 1 Monthly Urea Consumption at Big Sandy Unit 2 Monthly Catalyst Replacement at Big Sandy Unit 2 Monthly ERC & NOx Allowance Consumption Equipment - Associated Operating Expense	328,610 0 0 0	207,116 0 0 1,059	121,494 0 0 (1,059)	
2003 Plan : Monthly Varible Cladding at Big Sandy Unit 1 Monthly Urea Consumption at Big Sandy Unit 2 Monthly Catalyst Replacement at Big Sandy Unit 2 Monthly ERC & NOx Allowance Consumption Equipment - Associated Operating Expense Equipment - Associated Maintenance Expense	328,610 0 0 0 3,430	207,116 0 0 1,059 27,016	121,494 0 0 (1,059) (23,586)	
2003 Plan : Image: Construct of the system of the syst	328,610 0 0 0	207,116 0 0 1,059	121,494 0 0 (1,059)	
2003 Plan :	328,610 0 0 3,430 332,040	207,116 0 0 1,059 27,016 235,191	121,494 0 0 (1,059) (23,586) 96,849	
2003 Plan : Monthly Varible Cladding at Big Sandy Unit 1 Monthly Urea Consumption at Big Sandy Unit 2 Monthly Catalyst Replacement at Big Sandy Unit 2 Monthly ERC & NOx Allowance Consumption Equipment - Associated Operating Expense Equipment - Associated Maintenance Expense	328,610 0 0 0 3,430	207,116 0 0 1,059 27,016	121,494 0 0 (1,059) (23,586)	

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Kentucky Power Company				
Monthly Environmental Surcharge Report Analysis				
h	Current	Prior Month	Difference	Percentage
June 2007	Month	INOL FLI	Dhierence	Change
ES FORM 3.14				
Total AEP Pool Monthly Environmental Capacity Costs to Kentucky Power	805,638	1,056,601	(250,963)	
Gavin Scrubber Expense:	000 705	639.259	(370.534)	
Sludge Removal	268,725	2,883,016	250,799	
Lime Consumption	4,253,067	4,253,067	230,799	
Scrubber Maintenance (Only 50% is Applicable)	143,140	584,168	(441,028)	
Total Gavin Scrubber Expenses	7,798,747	8,359,510	(560,763)	
Scrubber Cost to Kentucky Power (ES FORM 3.10, Line 15)	0	0	0	
				<u> </u>
Surplus Capacity kW				
OPCo	2,737,900	2,870,800	(132,900)	
I&M	52,300	156,300	(104,000)	
Total	2,790,200	3,027,100	(132,900)	
Ohio Power Surplus Weighting	98%	95%	3.00%	
Indiana Michgan Power Surplus Weighting	2%	5%	-3.00%	
Variation Down Compation Definit	362,900	478,100	(115,200)	
Kentucky Power Capacity Deficit	302,900	470,100	(113,200)	
ES FORM 3.20				
(Costs Associated with Rockport)				
Line 12 - KPC Portion of Costs Associated with Rockport,				
Record on ES FORM 3.00	48,609	48,438	171	
ES FORM 3.30				
Kentucky Retail Revenues	31,821,952	28,451,204	3,370,748	
FERC Wholesale Revenues	350,585	478,578	(127,993)	
Associated Utilities Revenues	5,288,411	2,964,559	2,323,852	
Non-Associated Utilities Revenues	12,549,420	10,070,744	2,478,676	
Physical Revenues for Month	50,010,368 1,041,663	41,965,085 271,951	8,045,283 769,712	
Non Physical Revenues for Month Total Revenues for Month	51,052,031	42,237,036	8,814,995	
Total Revendes for Month	51,002,001	42,201,000	0,014,335	
% of Kentucky Retail Revenues to Total Revenues for Month	63.6%	67.8%	-4.2%	
% of FERC Wholesale Revenues to Total Revenues for Month	0.7%	1.1%	-0.4%	
% of Associated Utilities Revenues (Off System Sales)			••	
to Total Revenues for Month	10.6%	7.1%	3.5%	
% of Non Associated Utilities Revenues to Total Revenues for Month	25.1%	24.0%	1.1%	
Total	100.0%	100.0%	0.0%	
Quarillinder Passuary Adjustment		<u>_</u>		
Over/(Under) Recovery Adjustment Kentucky Retail Surcharge Factor For -				
April 2007 / March 2007	1.2693%	-1.1149%	2.3842%	
Kentucky Retail Revenues for Current Expense Month	27,073,820	23,784,196	3,289,624	
Surcharge Collected	343,648	(265,170)	608,818	
Surcharge Amount To Be Collected	421,833	(433,979)	855,812	
Over/(Under) Recovery - Record on ES FORM 1.00, Line 6	(78,185)	168,809	(246,994)	

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Total 2007		28, 108,883				672,964							1,677,628 18,158 142,505 482,281 2,200,472						tober 1 Attac	6-00507 10, 2007 hment 3 31 of 31
December 2007		1,407,969		0.0%		Ð														
November 2007		2,588,522		0.0%		Ð														
Ociobar 2007		2,181,975		°40`0		C														
Septambar 2007		2,852,305		0.0%		Ċ							80000							
August 2007		2.342,883		0.0%		0							00000							
July 2007		2,818,212		0.0%		o														
June 2007	2691620	1,913,578	778,042	63.6%	484,835	95,494	78,185	668,514	668,514	31,821,952	2.1008%	778,042 85,484 78,185 881,721	888,514 5,446 82,472 185,289 831,721	778,042 03,0% 484,635 05,484 78,195 886,614	0.7% 10.6% 25.1%	3,104,080	48,609	461,869	2,691,620	31,821,952 350,585 5,288,411 12,549,420 50,010,388 1,041,883 51,082,031
May 2007	2,915,798	1,514,859	1,400,837	67.8%	949,835	85,484	(188,809)	876,520	878,520	28,451,204	3.0808%	1,400,937 95,494 (168,809) 1,327,622	878.820 15,410 88,487 338,225 1,327,822	1,400,937 <u>67,9%</u> 949,835 95,484 [198,809] 976,520	1.1% 7.1% 24.0%	3,227,841	48,438	360,283	2,815,796	28,451,204 478,578 2,964,558 10,070,744 41,095,085 271,951 271,951
April 2007	2,585,486	2,095,535	489,961	71.1%	348,382	85,484	(22,023)	421,833	421,833	33,233,581	1.2883%	489,901 95,484 (22,023) 563,432	421,633 3,920 39,992 97,992 683,432	488,961 71,1% 348,362 85,484 421,833	0.8% 8.1% 20.0%	2,792,183	48,927	253,594	2,685,498	33,233,581 350,816 3,785,680 3,3716 48,733,487 1,351,561 1,351,561 48,085,035
March 2007	2,088,092	2,845,068	(758,974)	70.3%	(533,559)	85,484	4,086	(433,878)	(433,979)	38,925,415	-1,1149%	(758,974) 95,484 4,088 (859,394)	(423,979) (5,33) (5,5,857) (7,5,8205) (445,205)	(758,874) 70,375 (533,559) 95,484 4,08 <u>6</u> 4,08 <u>6</u>	0.7% 10.0% 19.0%	2,648,857	51,218	615,081	2,088,092	38,825,415 387,856 5,525,732 10,500,850 15,732,885 1,374,985 68,714,885
February 2007	2,756,786	3,003,995	(247,209)	78,8%	(180,104)	95,494	(16,487)	(111,097)	(111,097)	41,184,282	-0.2898%	(247,209) 85,494 (16,487) (166,2 02)	(111.097) (11.097) (11.619) (13.281) (168,202)	(247,209) 7 <u>6,976</u> (190,104) 95,494 (19,487) (111,097)	0,8% 4.7% 17,5%	2,712,283	44,503	Ð	2,758,788	41,184,282 494,535 2,512,385 8,387,315 9,387,315 5,4789,610 54,789,610
January 2007	2,848,786	2,531,764	115,002	74,3%	85,446	95,484	(26,203)	165,737	155,737	39,728,843	0.3820%	115,002 95,494 (25,203) 185,283	155,737 920 9,395 20,241 185,283	115,002 74,3% 85,448 85,494 126,203) 158,737	0.8% 7.3% 17.8%	Z,602,387	44,419	Ø	2,646,788	38,728,843 452,308 3,923,425 9,421,488 9,421,488 5,05,913 54,531,979
Kentucky Power Company Monthly Environmental Surcharge Report Analysie	ES FORM 1.00 Line 1- CRR from ES Form 3.0	Line 2A-Bir from ES Form 1.10	Line 3- E(m) (Line 1 - Line 2)	Line 4 - Kentucky fielal Juristicilonal Allocation Factor, ES FORM 3.30 Schedule of Revenues, Line 1	Line 6A - KY Retail E (m) (Line 3 * Line 4)	Line 58 - Monthly Increase in Jurisdiculonal Environmental Reverve Requiroment per Case No. 2008-00128, dated January 31, 2007	Lina 6 - (Over)/Under Recovery Adjustment from ES Form 3.30	Line 7 - Nei KY Retail E (m) (Line 5 + Line 8) - Expense	Une 9 - Net Relail E(m) (fine 7) - Ехрапве	Цпе 9 - KY Relail R(m) from ES Form 3.3 - Revenue	Line 10 - Environmenial Surcharge Factor for Expense Month (Line 8 / Line 8)	Environmental Costa To Be Recovered ES FORM 1.00, Une 3 (Environmental Costs to be Allocated) ES FORM 1.00, Une 58 (Retat Customers Only) ES FORM 1.00, Une 5 (OverUnder Recovery) (Retat Customers Only) Total Environmental Costs To Be Recoverd	Allocation of Environmental Costs Kentucky Retail Revenues FERC Wholseis Revenues Associated Utilities Revenues (Of System Sales) Non-Associated Utilities Revenues (Of System Sales) Total Environmental Costs By Revenue Category	ES FORM 1.09, Line 3 (Environmenial Ceats to be Allocated) % of Kentudoy Ratali Revenues to Total Revenues for Month Applicable KY Retail Environmental Costs ES FORM 1.09, Line 3 (Retail Conformers Chiy) ES FORM 1.00, Line 3 (Retail Conformers Chiy) ES FORM 1.00, Line 3 (CoveI/Under Recovery) (Ratal Customers Only) Total Environmental Costs TO Be Recovered	FERC Wholessie Revenues Associated Utitities Ravenues Non-Associated Utitities Ravenues (Off System Bales)	Es FORM 3.00 Firal Compunent: Tolei Revenue Raqubamant - Big Sandy Record on ES FORM 3.00, Line f	Second Component: Kenlucky Power Company Portion of Rockport Total Ravenue Requirement, Record on ES FORM 3.20, Une 2	Third Component: Net Gain/(Loza) from Emission Allowance Saies	Total Current Period Revenue Requirement, CRR Record on ES Form 1.0	ES FORM 3.30 Kanucky Rehail Revenues FERC Wholesate Revenues Associated Utillies Revenues Non-Associated Utillies Revenues Non-Physical Revenues for Month Total Revenues for Month

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Kentucky POWER

A unit of American Electric Power

Kentucky Power P 0 Box 5190 **101A Enterprise Drive** Frankfort, KY 40602 KentuckyPowar.com

Elizabeth O'Donnell, Executive Director **Public Service Commission** Attn: Daryl Newby P. O. Box 615 Frankfort, KY 40602

RECEIVED

JUN 18 2007

PUBLIC SERVICE COMMISSION

If you have any questions, please advise.

Sincerely, June/ 18 July 2007

Dear Ms. O'Donnell and Mr. Newby:

Attached are Kentucky Power Company's fuel adjustment clause schedules with supporting sales and fuel cost schedules. These calculations are based on an estimated May 2007 fuel costs with an adjustment reflecting actual April 2007 fuel costs.

The fuel adjustment clause factor of \$0.00758/kwh will be applied to our July 2007 billing. Pursuant to the Commission's Order dated October 3, 2002 in Case No. 2000-495B, page 5 reflects the peaking unit equivalent approach used to calculate the level of non-economy purchased power costs to flow through the fuel adjustment clause.

Also, we are attaching the system sales clause schedule with a supporting net revenue schedule calculated pursuant to the Commission's March 14, 2006 Order in Case No. 2005-00341. These calculations are based on an estimated May 2007 net revenue with an adjustment reflecting the true-up of April 2007 net revenue. Pursuant to the Settlement Agreement and the Commission's March 14th Order in Case No. 2005-00341 and the Company's System Sales Clause Tariff, net system sales revenue up to and including \$30M for the billing period April 1, 2007 through March 31, 2008 shall be based on 70/30 percent sharing basis. When the Company surpasses the off-system sales margin of \$30M, the customer sharing mechanism shall be on a 60/40 basis. The System Sales Clause Schedule, page 1 of 2, shows the net revenue level applied to our July 2007 billing will be in the amount of \$2,954,780 for a YTD total of \$13,908,881.

The net system sales clause factor of \$(0.0007856)/kwh (a credit) will be applied to our July 2007 billing.

All billings during July 2007 will show a combined factor of \$0.0067944/kwh.

R agner Errol K. Wagner Í

Director of Regulatory Services

(all via email) bcc: Robin Wiseman - Canton (w/a) Justin O'Neil - Columbus (w/a) O. J. Sever, Jr. - Columbus (w/a) Jeff Brubaker - Cols (w/a) Steve M Trammell - Tulsa, (w/a)

John Pulsinelli – Columbus (w/a) Andrea M. Wallace – Cols (w/a) KPCo Regulatory File Book

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 2 of 42

KENTUCKY POWER COMPANY

SUMMARY OF ADJUSTMENT CLAUSES

(+)

(+)

Month Ended:

May 2007

1 Fuel Adjustment Clause Factor (Page 1 of 5)

2 System Sales Clause Factor (Page 1 of 2)

3 Total Adjustment Clause Factors

Effective Date for Billing

Submitted by:

(Signature)

Title:

Date Submitted:

June 18, 2007

Director of Regulatory Services

-.0007856

\$0.00758

\$0.0067944

July 2007

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 3 of 42

Page 1 of 5

KENTUCKY POWER COMPANY

FUEL ADJUSTMENT CLAUSE SCHEDULE

Month Ended:	May 2007		
Fuel Fm (Fuel Cost Schedule)	\$12,645,960		
Sales Sm (Sales Schedule)	525,019,000	(+)	0.02409
Fuel (Fb)	\$8,703,098		
Sales (Sb)	527,226,000	(-)	0.01651
			0.00758
			(\$/KWH)
Effective Date for Billing	J	aly 2007	

EXM Submitted by: (Signature)

Title:

Director of Regulatory Services

Date Submitted:

June 18, 2007

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 4 of 42

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KENTUCKY POWER COMPANY

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FUEL COST SCHEDULE

	Month Ended: May 2007		
A.	Company Generation Coal Burned Oil Burned Gas Burned Fuel (jointly owned plant) Fuel (assigned cost during F. O.) Fuel (substitute for F. O.) Sub Total	(+) (+) (+) (+) (+) (-)	\$8,537,426 302,589 0 0 0 0 8,840,015
B.	Purchases Net Energy Cost - Economy Purchases Identifiable Fuel Cost - Other Purchases Identifiable Fuel Cost (substitute for F. O.) Sub Total	(+) (+) (-)	0 10,954,186 0 10,954,186
C.	Inter-System Sales Fuel Costs Sub Total		7,966,084 7,966,084
D.	Total Fuel Cost (A + B - C)		\$11,828,117
E.	Adjustment indicating the difference in actual fuel cost and the estimated cost for the month of April 2007 and the estimated cost originally reported. \$11,046,448 \$10,408,572 (actual) (est.)	-	637,876
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		(179,967)
G.	Grand Total Fuel Cost (D + E - F)		\$12,645,960
	 Estimated - based on actual Kentucky generation unit costs in May 2007 \$8,840,015 431,032,000 0.02051 	/KWH	

KENTUCKY POWER COMPANY

SALES SCHEDULE

Month Ended: May 2007

			Kilowatt-Hours	
A.	Generation (Net)	(+)	431,032,000	
	Purchases Including Interchange In	(+)	534,090,000	
	Sub Total		965,122,000	
B.	Pumped Storage Energy	(+)	0	
	Inter-System Sales Including Interchange Out	(+)	388,400,000	
	System Losses	(+)	51,703,000 *	
	Sub Total		440,103,000	
	Total Sales (A - B)		525,019,000	

* Does not include 368,882 KWH of company usage.

.

KENTUCKY POWER COMPANY

OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended:

-

May 2007

Line <u>No</u> .			
1	FAC Rate Billed (+)	0.00271
2	Retail KWH Billed at Above Rate (x)	534,596,054
3	FAC Revenue/(Refund) (L1 * L2)		1,448,755
4	KWH Used to Determine Last FAC Rate Billed (+)	608,369,000
5	Non-Jurisdictional KWH Included in L4 (-)	8,308,500
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		600,060,500
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		1,626,164
8	Over or (Under) Recovery (L3 - L7)		(177,409)
9	Total Sales (Page 3) (*	+)	525,019,000
10	Kentucky Jurisdictional Sales (()	517,554,000
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01442
12	Total Company Over or (Under) Recovery (L8 * L11)		(179,967)

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KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 7 of 42

.

KENTUCKY POWER COMPANY

FINAL FUEL COST SCHEDULE

Month Ended:

April 2007

A. Company Generation Coal Burned Oil Burned Gas Burned Fuel (jointly owned p Fuel (assigned cost du (0 Fuel (substitute for F	uring F. O.) KWH X \$0.000000) . O.)	(+) (+) (+) (+) (+) (-)	\$13,508,884 136,259 0 0 0	
	Sub-total		13,645,143	
B. Purchases Net Energy Cost - Ec Identifiable Fuel Cost Identifiable Fuel Cost (0	÷	(+) (+) (-)	0 4,424,631 0	(1)
	Sub-total		4,424,631	
C. Inter-System Sales Fuel Co	osts		7,023,326	(1)
	Total Fuel Cost (A + B - C)		\$11,046,448	

(1) Includes total Energy Costs of non-economy purchase per KPSC Order dated October 3, 2002 in Case No. 2000-495-B.

-

KENTUCKY POWER COMPANY

SYSTEM SALES CLAUSE SCHEDULE Case No. 9061 and Stipulation and Settlement Agreement in Case No. 2005-00341 May 2007

Line No.	Month Ended:		
1	Current Month (Tm) Net Revenue Level	(+	2,954,780
2	Base Month (Tb) Tariff 19-2 Net Revenue Level	(-)_	2,365,563
3	Increase/(Decrease) of System Sales Net Revenue		589,217
4	Customer 70% Sharing	(x)_	70%
5	Customer Share of Increase/(Decrease) in System Sales Net Revenue		412,452
6	Current Month (Sm) Sales Level	(/)_	525,019,000

YTD System Sales Profit						
Feb-07	2,911,080					
Mar-07	4,277,970					
Apr-07	3,765,051					
May-07	2,954,780					
Jun-07						
Jul-07						
Aug-07						
Sep-07	0					
Oct-07	0					
Nov-07	0					
Dec-07	0					
Jan-08	0					
Total	13,908,881					

7 System Sales Clause Factor - \$/Kwh

-.0007856

* This factor is a credit to the customer when current month net revenue levels exceed the base month; and a charge when the current month net revenues levels are below the base month.

Effective Date for Billing:

Submitted by:

Title:

Date Submitted:

July 2007

on zi (Signature)

Director of Regulatory Services

June 18, 2007

Page 2 of 2

KENTUCKY POWER COMPANY

SYSTEM SALES CLAUSE NET REVENUE

		Month Ended:	May 2007	
Line <u>No</u> .		CURRENT MONTH	PRIOR MO. TRUE-UP ADJUSTMENT	TOTAL
1	Sales For Resale Revenues	\$10,371,957	(\$29,262)	\$10,342,695
2	Interchange-Delivered Revenues	-0-	-0-	-0-
3	Total System Sales Revenues	10,371,957	(29,262)	10,342,695
4	Sales For Resale Expenses	\$6,885,486	\$166,204	\$7,051,690
5	Interchange-Delivered Expenses	-0-	-0-	-0-
6	Non-Associated Utilities Monthly Environmental Costs*	336,225	0	336,225
7	Total System Sales Expenses	7,221,711	166,204	7,387,915
8	Total System Sales Net Revenues	\$3,150,246	(\$195,466)	\$2,954,780

*Source: ES Form 1.0, Line 3 ES Form 3.3, Line 4 Non-Associated Environmental Costs KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 10 of 42

KENTUCKY POWER COMPANY

SUMMARY OF ADJUSTMENT CLAUSES

Month Ended:

- 1 Fuel Adjustment Clause Factor (Page 1 of 5)
- 2 System Sales Clause Factor (Page 1 of 2)
- 3 Total Adjustment Clause Factors

Effective Date for Billing

Submitted by:

Title:

Date Submitted:

AUSES 7 , .00758 (+) (.0007856) .0067944 .ly2007

(Signature)

Director of Regulatory Services

June 18,0

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 11 of 42

Page 1 of 5

KENTUCKY POWER COMPANY

FUEL ADJUSTMENT CLAUSE SCHEDULE

Fuel Fm (Fuel Cost Schedule) Sales Sm (Sales Schedule)

Month Ended: May 2027e) <u>12,645,960</u> 525,019,000

(+) = ,02409

Fuel (Fb) Sales (Sb) \$8,703,098 527,226,000 (-)

0.01651

,00758

(\$/KWH)

Effective Date for Billing

Submitted by:

(Signature)

Title:

Director of Regulatory Services

Date Submitted:

<u> June 18, 2001</u>

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 12 of 42

		Page 2 of 5
	KENTUCKY POWER COMPANY	
	FUEL COST SCHEDULE Month Ended: May 2007	
A.	Company Generation Coal Burned Oil Burned Gas Burned Fuel (jointly owned plant) Fuel (assigned cost during F. O.) Fuel (substitute for F. O.) Sub Total	(+) 8,537,426(+) 302,589(+) (+) (+) (+) (+) (+) (+) (+) (+) (+)
B.	Purchases Net Energy Cost - Economy Purchases Identifiable Fuel Cost - Other Purchases Identifiable Fuel Cost (substitute for F. O.) Sub Total	(+) 10,954,186 * (-)
C.	Inter-System Sales Fuel Costs Sub Total	7,966,084 * 4
D.	Total Fuel Cost (A + B - C)	11,828,117 ¥

12,645,960

- Adjustment indicating the difference in actual fuel cost = <u>637,876</u> 4 (179,967) E. Doril 2007 and the estimated cost for the month of - 10,408,572 .448 originally reported. (actual)
- Total Company Over or (Under) Recovery from Page 4, Line 12 F.
- Grand Total Fuel Cost (D + E F) G.

Estimated - based on actual Kentucky generation unit costs in * $\frac{8,840,015}{431,032,000} = .02051$ May 07 /KWH

KENTUCKY POWER COMPANY

SALES SCHEDULE

May 2007 Month Ended:

			Kilowatt-Hours	
А.	Generation (Net)		431,032,000	
	Purchases Including Interchange In	(+)	534,090,00U	
	Sub Total		965, 122,000	· N

B. Pumped Storage Energy

Inter-System Sales Including Interchange Out

System Losses

Sub Total

Total Sales (A - B)

* Does not include

368,882

KWH of company usage.

(+) 25 (+) 388,400,000 51,703,000 (+) И ,103,00c

525,019,000 4

KENTUCKY POWER COMPANY

OVER OR (UNDER) RECOVERY SCHEDULE

.

May 2007 Month Ended:

Line <u>No</u> .		
1	FAC Rate Billed	(+) ,0027/ <i>4</i>
2	Retail KWH Billed at Above Rate	(x) 534,596,054 4
3	FAC Revenue/(Refund) (L1 * L2)	1,448,755 4
4	KWH Used to Determine Last FAC Rate Billed Non-Jurisdictional KWH Included in L4 (L4 - L5)	(+) 608,369,000 4
5	Non-Jurisdictional KWH Included in L4 Mark 2008, 404	(-) <u>8,308,500</u> 4
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)	600,060,500 4
7	Recoverable FAC Revenue/(Refund) (L1 * L6)	1,626,164
8	Over or (Under) Recovery (L3 - L7)	(177,409) *
9	Total Sales (Page 3)	(+) 525,019,000 ×
10	Kentucky Jurisdictional Sales 10^{04} $10^{$	(1) _517,554,000
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)	1.01442
12	Total Company Over or (Under) Recovery (L8 * L11)	(179, 967)

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 15 of 42

KENTUCKY POWER COMPANY

FINAL FUEL COST SCHEDULE			
7	Month Ended:	April	2007

A. Company Generation Coal Burned Oil Burned Gas Burned Fuel (jointly owned plant) Fuel (assigned cost during F. O.) (KWH X - 0 -) Fuel (substitute for F. O.)	(+) 13,508,884(+) 136,259(+) $-3-(+) -3-(+) -3-(-) -3-$
Sub-total	13,645, 143
B. Purchases Net Energy Cost - Economy Purchases Identifiable Fuel Cost - Other Purchases Identifiable Fuel Cost (substitute for F. O.) (KWH X) Sub-total	$ \begin{array}{c} (+) & -0 \\ (+) & 4,424,631 \\ (-) & -0 \\ \hline 4,424,631 \\ \hline \end{array} $
C. Inter-System Sales Fuel Costs	7,023,326 (1) 11,046,448
Total Fuel Cost (A + B - C)	11,046,448

(1) Includes total Energy Costs of non-economy purchase per KPSC Order dated October 3, 2002 in Case No. 2000-495-B.

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KENTUCKY POWER COMPANY

SYSTEM SALES CLAUSE SCHEDULE

Case No. 9061 and

Stipulation and Settlement Agreement in Case No. 2005-00341

May 07 Month 2007

Line No.

Month Ended:

- Current Month (Tm) Net Revenue Level 1
- Base Month (Tb) Tariff 19-2 Net Revenue Level 2
- Increase/(Decrease) of System Sales Net Revenue 3
- Customer 70% Sharing 4
- Customer Share of Increase/(Decrease) in System 5 Sales Net Revenue
- Current Month (Sm) Sales Level 6

(+ 2,954,780 (-) 2,365,563 589,217

YTD Syste	m Sales Profit
Feb-07	2,911,080
Mar-07	4,277,970
Apr-07	3,765,051
May-07	2,954,780
Jun-07	
Jul-07	
Aug-07	
Sep-07	0
Oct-07	0
Nov-07	0
Dec-07	0
Jan-08	0
Total	1 <u>0,954,10</u> 1
	13,908,881

(x)<u>70%</u> 412,452 525,019,000p (1) (10007856

System Sales Clause Factor - \$/Kwh 7

> * This factor is a credit to the customer when current month net revenue levels exceed the base month; and a charge when the current month net revenues levels are below the base month.

> > Effective Date for Billing:

Submitted by:

Title:

Month 2007

(Signature)

Director of Regulatory Services

Date Submitted:

HELLE, 2007 -Month-2007

Page 2 of 2

KENTUCKY POWER COMPANY

SYSTEM SALES CLAUSE NET REVENUE

		Month Ended: γ	Nay 2007	
Line <u>No</u> . 1	Sales For Resale Revenues	CURRENT MONTH 10,3'11,957	PRIOR MO. TRUE-UP ADJUSTMENT (29, 262)	 10,342,695
2	Interchange-Delivered Revenues	~~~	-o-	-0 -
3	Total System Sales Revenues	10,371,957	(29,262)	10,342,695
4	Sales For Resale Expenses Interchange-Delivered Expenses	6,885,486	166,204	7,051,690
6	Non-Associated Utilities Monthly Environmental Costs*	336,225 7,221,711	166,204	336,225 7,387,915
7 8	Total System Sales Expenses Total System Sales Net Revenues	3,150,246	(195,466)	2,954,780

*Source: ES Form 1.0, Line 3 ES Form 3.3, Line 4 Non-Associated Environmental Costs Internal Workpaper

Date:

6/18/07 May 2007

Month **Ending:**

NER: Net Energy Requirement in MWH X twelve (12) months rolling line losses in % carried to two (2) decimals less company usage in MWH.

= Generation plus Purchases minus Sales NER

965,120 MWH (Generation + Purchases_) NER 388,400 MWH (Sales) NER 576,720 MWH NER 576,722 NER MWH = 9.029 Avg. 12 mos. Line loss NER Х 52,072 MWH System Losses = 369 MWH Company Usage -51,703 **MWH** System Lossess = (Less Company Usage)

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 19 of 42

INVOICE AMERICAN ELECTRIC POWER AS AGENT FOR KENTUCKY POWER COMPANY STATEMENT OF SCHEDULED TRANSACTIONS WITH THE CITY OF OLIVE HILL, KENTUCKY



INVOICE DATE: PAYMENT DUE DATE: INVOICE NUMBER:	6/8/2007 6/18/2007 117-20413749			
INVOICE PERIOD:		01-May-2007 -	31-May-2007	Eastern Prevailing Time
Billing Information:			67.3N	
Demand Charge:		<u>Peak kW</u>	<u>\$/kW</u>	<u>Billing</u> \$
Peak Da	ate & Time: 05/30/07 @ 17:00			
		4,842	\$9.26	\$44,836.92
-		Accumulated kWH	<u>\$/kWh</u>	
Energy Charge:		2,037,488	\$0.0031396	\$6,396.90
Fuel Charge:		2,037,488	\$0.0170476	\$34,734.28
Fuel Adjustment Charge:		2,037,488) \$0.0035905	\$7,315.60
March 2007 Actual Fuel Tr	<u>ue-Up:</u>			
	stimated Fuel Adjustment Charge: Actual Fuel Adjustment Charge: arch 2007 Fuel Charge Difference:	2,239,520	\$0.0019501 <u>\$0.0035905</u> \$0.0016404	\$3,673.71
PJM Open Access Transm	-	_ [==0]0_0		\$16,900.28
AMOUNT DUE AEP				\$113,857.69

METHODS OF PAYMENT

Bank Instructions:

By Wire Transfer To: Citibank, N.A., N.Y. ABA# 0210-00089 Kentucky Power Company - Generation Account Number 30484544

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KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 20 of 42

INVOICE AMERICAN ELECTRIC POWER AS AGENT FOR KENTUCKY POWER COMPANY STATEMENT OF SCHEDULED TRANSACTIONS WITH THE CITY OF VANCEBURG, KENTUCKY



INVOICE DATE: PAYMENT DUE DATE: INVOICE NUMBER:	6/8/2007 6/18/2007 117-20413748			
INVOICE PERIOD:		01-May-2007 -	31-May-2007	Eastern Prevailing Time
Billing Information: Demand Charge: Peak date & Time:	05/30/07 @ 16:00	<u>Peak kW</u>	<u>\$/kW</u>	<u>Billing_\$</u>
		11,550	\$9.08	\$104,874.00
		Accumulated kWH	<u>\$/kWh</u>	
Energy Charge:		5,427,061	\$0.0030769	\$16,698.52
Fuel Charge:		5,427,061	\$0.0167067	\$90,668.28
Fuel Adjustment Charge:		5,427,061	\$0.0035187	\$19,096.20
	Fuel Adjustment Charge: Fuel Adjustment Charge:		\$0.0019111 <u>\$0.0035187</u>	
	Fuel Charge Difference:	6,068,974	\$0.0016076	\$9,756.48
PJM Open Access Transmission Ta	ariff			\$25,884.80
AMOUNT DUE AEP				\$266,978.28
METHODS OF PAYMENT				

Bank Instructions:

By Wire Transfer To: Citibank, N.A., N.Y. ABA# 0210-00089 Kentucky Power Company - Generation Account Number 30484544

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 21 of 42

INVOICE

AMERICAN ELECTRIC POWER AS AGENT FOR KENTUCKY POWER COMPANY STATEMENT OF SCHEDULED TRANSACTIONS WITH THE CITY OF OLIVE HILL, KENTUCKY



INVOICE DATE: PAYMENT DUE DATE: INVOICE NUMBER:	4/10/2007 4/20/2007 117-20401099			. ·
INVOICE PERIOD:		01-Mar-2007 -	- 31-Mar-2007	Eastern Prevailing Time
Billing Information:				
Demand Charge:		<u>Peak kW</u>	<u>\$/kW</u>	<u>Billing</u> \$
Peak Date & Tim	e: 03/04/07 @ 21:00			
		4,824	\$9.26	\$44,670.24
		Accumulated kWH	<u>\$/kWh</u>	
Energy Charge:		2,239,520	\$0.0031396	\$7,031.20
Fuel Charge:		2,239,520	\$0.0170476	\$38,178.44
Fuel Adjustment Charge:		2,239,520	\$0.0019501	\$4,367.29
January 2007 Actual Fuel True-Up				-
Actual	Fuel Adjustment Charge: Fuel Adjustment Charge: 7 Fuel Charge Difference:	2,745,173	\$0.0017352 <u>\$0.0019501</u> \$0.0002149	\$589.94
PJM Open Access Transmission 7	ariff			\$16,914.50
AMOUNT DUE AEP \$111,751.61				\$111,751.61
METHODS OF PAYMENT				
Bank Instructions:				

By Wire Transfer To: Citibank, N.A., N.Y. ABA# 0210-00089 Kentucky Power Company - Generation Account Number 30484544

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 22 of 42

INVOICE AMERICAN ELECTRIC POWER AS AGENT FOR KENTUCKY POWER COMPANY STATEMENT OF SCHEDULED TRANSACTIONS WITH THE CITY OF VANCEBURG, KENTUCKY



INVOICE DATE: PAYMENT DUE DATE: INVOICE NUMBER:	4/10/2007 4/20/2007 117-20401	098		
INVOICE PERIOD:		01-Mar-2007	- 31-Mar-2007	Eastern Prevailing Time
Billing Information: <u>Demand Charge:</u> Peak	date & Time: 03/06	<u>Peak kW</u> 6/07 @ 8:00	<u>\$/kW</u>	<u>Billing</u> \$
		12,905	\$9.08	\$117,177.40
		Accumulated kWH	<u>\$/kWh</u>	
Energy Charge:		6,068,974	\$0.0030769	\$18,673.63
Fuel Charge:		6,068,974	\$0.0167067	\$101,392.53
Fuel Adjustment Char	ge:	6,068,974	\$0.0019111	\$11,598.42
January 2007 Actual F	uel True-Up:			
	Estimated Fuel Adjustm Actual Fuel Adjustm January 2007 Fuel Charge	ent Charge:	\$0.0017005 <u>\$0.0019111</u> \$0.0002106	\$1,387.62
PJM Open Access Transmission Tariff				\$25,929.43
AMOUNT DUE AEP \$276,159.03				
METHODS OF PAYMENT				

Bank Instructions:

By Wire Transfer To: Citibank, N.A., N.Y. ABA# 0210-00089 Kentucky Power Company - Generation Account Number 30484544

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 23 of 42

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Schedule 11

KENTUCKY POWER FUEL COSTS (5010001, 5010013, & 5010019) MAY 2007

COAL SURVEY CONVERSION COAL	\$8,537,426.25 \$0.00 \$0.00
TOTAL COAL	\$8,537,426.25
OIL	\$302,589.19
TOTAL FUEL	\$8,840,015.44



KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 24 of 42

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KENTUCKY POWER COMPANY NET ENERGY REQUIREMENTS MAY 2007

Net Generation (Sch 12)		431,032
Purchases: 1. Interchange Pool (Sch 4, Pool Energy)	340,681	
2. Interchange Received Cash	0	
 Purchased Power: Associated (Including Rockport Units 1 & 2) Purchased Power: Non Associated Subtotal 	125,332 68,077 193,409	
5. Loop in/Out (Sch 4, Loop or Interchange In/Out - Nonassociated)	٥	
Total Purchased Power		534,090
Available for Distribution		965,122
Sales 1. Interchange Pool (Sch 4, Total Assoc Co Sales)	135,350	
2. Total System Sales (Physical Sales)	211,328	
3. Total System Sales (Non - Physical Sales or Bookouts & Option	ns) 41,722	
Disposition of Energy		388,400
Total Supply for Net Energy Requirement <i>(NER)</i> (Internal Load Requirements)		576,722
Check: Total Sales (Calc for Deferred Fuel, Page 3 of 5, Total Sales (A - B)) Net System Losses MWH (Calc for Deferred Fuel, Page 3 of 5) Total Supply for Net Energy Equirement (NER)	525,019 51,703 576,722	
Current Month Energy Sales		<i>(</i>
Billed KWH		
Preliminary Page 9-1 (Sch 5, Total Sales of Electricity) System Sales for Resale (Schedule 4, Total System Sales) System Interchange Sales (Schedule 4, Total Assoc Co Sales) Total Current Month Billed Revenue Accrued KWH Current Month Unbilled Page 9-1A (Sch 6) Last Month Unbilled Page 9-1A Current Month Billed and Accrued KWH	542,060,554 211,328,000 135,350,000	Γ

		~				202	KENIUCKY POWER COMPANY	TNPANY					
							Line Loss Caculation	tion					
		TICINI	and the second					L L					KPS Lett Atta Pag
						-							SC (er [ichr ie 2
								TOTAL	ASSOC.	SYSTEM	INTERNAL	1	
						HMM		ENERGY	COMPANY	SALES	ENERGY	. I.	SSO4 42
Inter	1.0	Bill.&	- - - F					UEDOEED	INTEOLIANCE	FOR DESALE	nisposfn	UNACCOU	ctored LNI
Pool	Sales	Acciu.	Disnosition					1	2	3	(1-2-3-4)		(040)
######################################	1111111111111	1111111111111		1.8									05
226.657	180.807	37,315	1.133,614	(30,447)		JAN	06 current month	1,133,614	226,657	180,807	726,150	37,315	5939%
							12 mos. ending	<u> </u>	2,766,796	2,756,514	8,035,729	642,256	7.993%
197,969	233,870	75,719	1,183,392	70,989		FEB	06 current month	1,183,392	197,969	233,870		75,719	10.075%
							12 mos. ending		2,765,029	2,749,320	8,098,162	661,296	8.166%
257,553	226,681	54,266	1,200,512	73,930	•	MAR	06 current month		257,553	226,681	716,278	54,266	7.576%
				-				₩ ₩	2,760,249	2,672,853	8,081,245	659,024	8.155%
281,185	221,781	98,758	1,077,711	3,245	<u>×</u>	APR	06 current month	_		221,/81	5/4/42	96/ 98	0.70401
								<u></u>		2,661,157	8,085,256	/10//10	8./91%
129,331	191,082	56,870	906,998	66,154		MAY	06 current month	_	129,331	191,082	586,585	20,8/0	9,090%
	0.0							2	2	2,614,834	π	66 103	0.934%
283,427	254,340	65,193	1,146,790	62,242	-	NUN	06 current month	_		254,340		00,193	0400/01
									N N	2,630,085	₽	/34,015	9.103%
252,352	298,491	51,867	1,235,232	111,439		JUL	06 current month			298,491		51,867	1.5/9%
								Ì	~	2,667,490	æ	731,011	9.047%
252,375	291,493	59,995	1,252,649	94,965		AUG	06 current month	1,252,649	252,375	291,493	708,781	59,995	8.465%
							12 mos. ending	Ϋ́	3	2	8,0	727,651	9.009%
297,092	196,951	85,826	1,056,706	(32,347)		SEP	06 current month	1,056,706				85,826	15.254%
							12 mos. ending	13,510,004	2,816,516		ω	760,355	9.467%
305,738	240,217	44,753	1,163,289	103,139		OCT	06 current month	1,163,289	305,738	240,217	617,334	44,753	7.249%
							12 mos. ending	~	2,8	2,714,458	β	761,704	9.463%
287,102	184,004	46,903	1,133,742	94,784		NOV	06 current month	_				46,903	7.078%
	_						12 mos. ending		~	~		741,807	9.213%
193,816	186,140	52,806	1,135,365	76,562		DEC	06 current month		193,816	186,140	755,409	52,806	6.990%
							12 mos. ending	₩ 2	3	5	2.	730,271	9.179%
189,303	200,862	65,845	1,173,943	83,762		JAN	07 current month						8.401%
							12 mos. ending		~	N	2		9.469%
109,435	185,212	63,932	1,104,783	84,311		FEB	07 current month	1,104,783		185,212	810,136	63,932	7.892%
							12 mos. ending	13	3	2,6	ω	747,014	9.255%
268,702	249,103	79,703	1,189,976	(8,566)		MAR	07 current month	1,189,976	3 268,702	249,103	672,171	79,703	11.858%
							12 mos. ending		1 2,849,858	2	2	772,451	9.622%
182,068	199,389	63,780	1,004,763	38,393		APR	07 current month	1,004,763	182,068	199,389		63,780	10.233%
							12 mos. ending	13,5	2,7	2,6	8	~	9.131%
135,350	211,328	51,493	965,122	76,014		MAY	07 current month						8.326%
	-						12 mos. ending	13,562,360	0 2,756,760	2,697,530	0 8,108,070	732,096	9.029%

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 26 of 42

Kentucky Power Company - Building Usage - May 2007

Metered Usage in Company Buildings For The Current Month	368,882
Metered Usage In Company Buildings For The Prior Month	432,021

Current Month Company Usage

ASHLAND 175,320	kWh
SO, WILLIAMSON 2,14*	kWh
HAZARD/PIKEVILLE 191,421	kWh
CURRENT MONTH 368,882	kWh
PRIOR MONTH ADJUSTMENT	kWh
CURRENT MONTH REPORT 368,882	kWh

369 mWh

Source: OSPRIO60

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KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 27 of 42

KENTUCKY POWER COMPANY POWER TRANSACTION SCHEDULE April 2007

.

TRANSACTION TYPES *

F	FIRM
LT-CAP	LONG TERM CAPACITY
L-TERM	LIMITED TERM
S-TERM	SHORT TERM
PRE	PRE-SCHEDULED
RESCAP	RESERVED CAPACITY
ARS-EMRG	AUTO RESERVE SHARING - EMERG.
EXP-CONG	EXPLICIT CONGESTION
IMP-CONG	IMPLICIT CONGESTION
SPOT-ENG	PJM MARKET SPOT ENERGY
ND	NON-DISPLACEMENT
SUPP	SUPPLEMENTAL (OVEC)
EMERG	EMERGENCY
CMP-UPR	UNIT POWER
NF	NON-FIRM
PKPWR	PEAKING POWER
CCS;COALPH	COAL CONVERSION SVC.
GENLOS	GENERATION LOSS
BKI-BKUP	BUCKEYE BACKUP POWER
U-ENERGY	UNIT ENERGY

OTHER

HR	HOURLY
DY	DAILY
WK	WEEKLY
MO	MONTHLY
УR	YEAR
РН	PHYSICAL

* Due to voluminous transactions, they are aggregated by type rather that by interconnected utility.

KENTUCKY POWER COMPANY POWER TRANSACTION SCHEDULE KENC Case No. 2006-00507 MONTH ENDER: Date October 10, 2007 Attachment 4

PURCHASEE age 28 of 42			BILLING COMPO	NENT5	
TRANSACTION TYPE	MWH	FUEL CHARGE	DEMAND	OTHER CHARGES	TOTAL CHARGES
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(\$)	(\$)	(\$)	(\$)
DY-2F	45,136	1,585,445.44	0.00	396,361.44	1,981,806.88
HR-2NF	552	46,816.85	0.00	5,970.23	52,787.08
EXP-CONG	0	0.00	0.00	14,781.55	14,781.55
IMP-CONG	0	0.00	0.00	490,193.61	490,193.61
SPOT-ENG	30,437	1,145,666.31	0.00	286,416.92	1,432,083.23
DY-F	720	36,040.64	0.00	9,010.08	45,050.72
HR-NF	4,692	<u>195,054.35</u>	0.00	<u>48,763.27</u>	243,817.62
	81,537 ⁽¹⁾	3,009,023.59	0.00	1,251,497.10	4,260,520.69
AEP POOL PRIMARY PURCHASES:	43,586	586,125.00	0,00	114,021.00	700,146.00
INTERRUPTIBLE BUY/THROUGH					
(AEP AFF. COS.)	0	0.00	0.00	0.00	0.00
BOOKOUTS/OPTIONS:	269,250	0.00	0.00	9,986,929.00	9,986,929.00
TOTALS:	394,373	3,595,148.59	0.00	11,352,447.10	14,947,595.69

	MWH	<u>Total Energy Charges</u>
(1) ALLOCATED TO SYSTEM SALES:	77,750	3,762,780.24
ALLOCATED TO INTERNAL CUSTOMERS:	3,787	497,740.45
	81,537	4,260,520.69
LESS: PJM IMPLICIT CONGESTION INCLUDED IN THE INTERNAL CUSTOMER'S FIGURE:	0	422,015.25
NET INCLUDABLE ENERGY CHARGES:	81,537	3,838,505.44

NOTE:

IN THE ABOVE TRANSACTIONS THERE WERE NO PURCHASES AS A RESULT OF FORCED OUTAGES AT BIG SANDY PLANT.

KPSC Case No. 2006-00507KENTUCKLetter Dated October 10, 2007POWER TIAttachment 4MONTH EIPage 29 of 42

				BILLING COMPO	NENTS	
SALES	KPCO MLR	SUPPLIE	D BY KPCO			
	SHARE OF	SOU	RCES			
TRANSACTION	DELIVERED		FUEL		OTHER	TOTAL
TYPE	<u></u>	MWH	CHARGE	DEMAND	CHARGES	CHARGES
			(\$)	(\$)	(\$)	(\$)
LT-CAP	11,510	8,960	162,982.49	230,256.00	22,758.44	415,996.93
RESCAP	0	0	0.00	18,051.77	0.00	18,051,77
DY-2F	76,238	55,130	1,298,329.04	0.00	2,491,039.42	3,789,368.46
DY-2NF	0	72	3,411.16	0.00	4,773.32	8,184.48
CMP-UPR	0	0	0.00	43,992.00	0.00	43,992.00
SPOT-ENG	78,861	58,355	2,176,747.29	0.00	1,259,550.73	3,436,298.02
MO-F	31,086	24,742	472,015.37	364,184.36	589,044,85	1,425,244.58
DY-F	704	276	11,255.36	0.00	30,575.68	41,831.04
DY-NF	7,905	6,292	159,464.42	0.00	142,835.30	302,299.72
HR-NF	4,068	2,892	113,933.98	0.00	118,538,52	232,472.50
GENLOS	5	25	970.20	0.00	(970,20)	0.00
BKI-BKUP	<u>206</u>	<u>195</u>	<u>8,685.27</u>	0.00	<u>4,504.59</u>	<u>13,189.86</u>
	210,583	156,939	4,400,493.86	⁽¹⁾ 656,484.13	4,669,951.37	9,726,929.36
AEP POOL SALES (PRIMARY/ECONOMY)	0	99,212	1,806,560.00	0.00	194,969.00	2,001,529.00
INTERRUPTIBLE BUY/THROUGH (AEP AFF. CO./KY EL. STEEL)	0	36	1,931.00	0.00	493.00	2,424.00
BOOKOUTS/OPTIONS:	279,411	0	0.00	0.00	10,455,958.00	10,455,958.00
TOTALS:	489,994	256,187	6,208,984.86	656,484.13	15,321,371.37	22,186,840.36
KPCo's other costs incurred, (other	than fuel from A	ccount 151):				1,135,941.65
KPCo's MLR share of AEP energy co	ost less the actual	energy costs in	curred by KPCo:			1,903,581,45
KPCo's MLR share of the differenc	e (Total AEP energ	gy charges - Tot	al AEP energy cost	rs):		1,630,428.27
Total (Other Charges):						4,669,951.37

⁽¹⁾ Includes (\$7,300.72) adjustment for chemicals carried over to Other Charges.

KPSC Case No. 2006-00507 - ACTUAL FINAL Letter Dated October 10, 2007

Attachment 4 KENTU

Page 30 of 42 FUEL C

BIG SANDY (PLANT) 9,772,163.91 95,616.44	ROCKPORT UNIT #1 2,393,122.00 4,843.00	ROCKPORT UNIT #2 1,343,598.00 35,800.00	FUEL AMOUNTS (\$) 13,508,883.91 136,259.44
9,772,163.91	2,393,122.00	1,343,598.00	13,508,883.91
	•		
			0.00
			13,645,143.35
			0.00 4,424,630.44
			0.00
			4,424,630.44
			7,023,326.03
			11,046,447.76
SIGNED COST ((Kwh): 18,342	MILLS/KWH \$	0 0.00
	13.448		0.00 0,00
Kwh	13.448	MILLS/KWH \$	0.00
	5IGNED COST kWH kWH	kWH 13.448 kWH	18.342 MILLS/KWH \$ kWH 13.448 MILLS/KWH \$ kWH MILLS/KWH \$

(1) INCLUDES TOTAL ENERGY COSTS OF NON-ECONOMY PURCHASES AS PER KPSC ORDER OF OCTOBER 3, 2002 IN CASE NO. 2000-00495-B.

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KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 31 of 42

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Flow Date	<u>Appalachla</u> <u>Gas Daily</u> <u>Avg.</u> (\$/MMBtu)	<u>Park &</u> Lend Service (\$/MMBtu)	<u>Energy</u> <u>Cost</u> (\$/MWh)*	
01-Apr-07	7.810	0.1983	83.29	
02-Apr-07	7.810	0,1983	83.29	
03-Apr-07	7.925	0,1983	84.48	
04-Apr-07	7.805	0.1983	83,23	
05-Apr-07	7.695	0,1983	82.09	
06-Apr-07	7.760	0,1983	82.77	
07-Apr-07	7.760	0.1983	82.77	
08-Apr-07	7.760	0.1983	82.77	
09-Apr-07	7.760	0.1983	82.77	
10-Apr-07	7.910	0.1983	84.33	
11-Apr-07	7.985	0.1983	85,11	
12-Apr-07	8.230	0.1983	87.65	
13-Apr-07	8.205	0,1983	87.39	
14-Apr-07	8,190	0.1983	87.24	
15-Apr-07	8,190	D.1983	87.24	
16-Apr-07	8.190	0.1983	87.24	
17-Apr-07	7.985	0.1983	85.11	
18-Apr-07	7.840	0.1983	83.60	
19-Apr-07	7.845	0.1983	83.65	
20-Apr-07	7.785	0.1983	83.03	
21-Apr-07	7.665	0.1983	81.78	
22-Apr-07	7.665	0.1983	81.78	
23-Apr-07	7.665	0.1983	81.78	
24-Apr-07	7.580	0.1983	80.89	Minimum(75%: \$60.67/MWh)
25-Apr-07	7.920	0.1983	84.43	
26-Apr-07	7.945	0,1983	84.69	
27-Apr-07	7.855	0.1983	83.75	
28-Apr-07	7.740	0.1983	82.56	
29-Apr-07	7.740	0.1983	82.56	
30-Apr-07	7.740	0.1983	82.56	

* Based on 10,800 Btu/kWh for June - August. * Based on 10,400 Btu/kWh for September - May.

(A) (B) (C) MurPyricitian: Junit much it mutation (A) (B) (C) MurPyricitian: Junit much it mutation 4470010 Mat Mat FRUOR MO. ACTUAL 9,432,689 9,907,541 427,131 FRUOR MO. ACTUAL 9,432,689 9,907,124 427,131 FRUOR MO. ESTIMATE 9,432,689 9,997,128 422,933 FRUOR MO. ESTIMATE 9,422,689 9,997,128 422,933 CURR MO. ADU. 12,453 16,412 (2,423) CURR MO. ADU. 12,453 16,412 (2,423) CURR MO. ADU. 12,453 16,412 (2,423) ADU. ADU. 0 0 0 0 ADU ADU ADU (17) (6,310) (17) (6,310)	KENTUCKY POWER COMPANY KYTEM BALEB TRACKER MAY TOO MAAT TOO												d Octo
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ESTMATE 8.422.089 8.942.128 * ADJ. 12,583 15,412 * 0 0 0 8 (8,310) (17)	0	00	00	88	3,868 3,211	(8,401) (7,338)	00	154,907 164,949	00	000	9,585.048 9,572,911 12,335		nen men
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(17) (6,310) (17) (17) (17)	0	р I	o (124.843	460,847	•	(58,699)	620,281	(21)	520,298
	0 0	0 0	5 0	(101.7)	6,645	(13.748)	00	6,057 0	00	00	9,340,772 0	9,141,422 0	199.350 0
	0 (0	0 0	0	0 8.845	u (13,748)	, o	5,057	0	0	8,340,772	9,141,422	169,350
26 Estimete 9,342,819 9,134,777 208,042 CSN DOLLAR 27 TRAVERER = 81				0	0 7.302	0 (14,812)	0 124.843	0 485,882	80	0 (58,699)	0 8,873,188	0 8,157,474	0 715,714
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тана 1973) - 1973 - 1970 - 1970) - 19	4470072 0	-	4470111		44/UXXX 0 0	0 benneed					9,485,844 9,473,709	8,011,408 8,895,340	474,435 478,388 478,388
ESTIMATE ADJ.	• •			00		0	0	ь I			12,135	990'91	0
R 0 0 XXX	Đ	D	Ð	0	c (•					65,674	(9.024)	74,698
(454,807) 0	0 0	(9.007)		a c		- 0					9,342,609 6	0,141,422 0	201.187
К ЕЗЛИАТЕ 1,937 0 0 NT 0 0 0	0			Ð	0	0 (o "				8,342,609	9,141,422	201.187
1,837 0	0		с (• •				, 0			D	0	0 111 051
37 TRANSFER-EST 0 0 0 38 CURR MO. TOTAL (452,770) 0 0	50	(100,8)	Ð	00		D	•	Ð			814'02'4'8		
	RECONCILIAT	RECONCILIATION TO QUERY											
	TOTAL 44700XX CUNY	IXX Query		13,090,793									
Reventue Cost Net	LE99 ASSOC:	:00		2,512,398		Reverue Adl.	Revenue Est.	Cost Adj	Cost Est				
ACTUAL 18. ESTIMATE 18.	LESS 3/S COST Adjustment (If Needed)	cost Nanded)		7,051,680 0		(13,193) 0		168,204 0	0 8,665,486		REVENUE	COST	NET
R.MO, ADJ, (12,103) 104/27 ARTRNER ADJ, 0						182,273	16,028,908		0				
(0' 0)		8y3/3ale8 net profit/(l.0\$9)	[5]	3,628,707		0 188,204				i		8	8
• 43 CURR MO. ESTIMATE 19,750,072 18,302,440 3,447,632 44 ADJUSTIMBUT 358,236 275,532 83,704	NET			3,281,005			113.519 (8.024)			EST.	10,371,957	8,685,488	3,486,471
uarant Month selimete 19,390,836 16,026,908 3,383,928							Ð				(8×6×		
CSW DOLLAR TRANSFER - Est CURR MO. TOTAL 19,491,192 16,200,157 3,291,005	DIFFERENCE	IFI		235,702		(28,262)	10,371,857	166,204	t 8,885,488	NET			3,291,005
(H) (L) (L) (L) (L) (L) AT0055 AT0057 AT0057 AT0057 AT0056 AT0056 AT0055 AT0055 AT0057 AT0057 AT0056 AT0056 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Rubbine Rubbine ATODRS Rubbine Rubbine Rubbine ATODRS Rubbine Rubbine Rubbine ATODRS Rubbine Rubbine Rubbine ATODRS Rubbine Rubbine Rubbine ATODRS Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine Rubbine												
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Kentucky Power Company				
Monthly Environmental Surcharge Report Analysis				
KPSC Case No. 2006-00507	Current	Prior		Percentage
Letter Dated October 10, 2003 2007	Month	Month	Difference	Change
Attachment 4 Page 34 of 42 ES FORM 1.00				
	2,915,796	2,585,496	330,300	12.78%
Line 1- CRR from ES Form 3.0	2,915,796	2,303,490	330,300	12./0%
Line 2A- Brr from ES Form 1.10	1,514,859	2,095,535	(580,676)	-27.71%
	1,014,000	2,000,000	(000,010)	21.1110
Line 3- E(m) (Line 1 - Line 2)	1,400,937	489,961	910,976	185.93%
Line 4 - Kentucky Retail Jurisdictional Allocation Factor,				
ES FORM 3.30 Schedule of Revenues, Line 1	67.8%	71.1%	-3.30%	-4.64%
Line 5A - KY Retail E (m) (Line 3 * Line 4)	949,835	348,362	601,473	172.66%
Line 5B - Monthly Increase in Jurisdictional Environmental Revenue Requirement per	05 404	05 404		0.00%
Case No. 2006-00128, dated January 31, 2007	95,494	95,494	0	0.00%
	(4 CR 200)	(22,023)	(1 46 7 PC)	666 51 P/
Line 6 - (Over)/Under Recovery Adjustment from ES Form 3.30	(168,809)	(22,023)	(146,786)	666.51%
Line 7 - Net KY Retail E (m) (Line 5 + Line 6) - Expense	876,520	421,833	454,687	107.79%
Line 7 - Net KY Retail E (m) (Line 5 + Line 6) - Expense	070,020	421,000	-0	101.1870
Line 8 - Net Retail E(m) (line 7) - Expense	876,520	421,833	454,687	107.79%
	0.0,020			
Line 9 - KY Retail R(m) from ES Form 3.3 - Revenue	28,451,204	33,233,581	(4,782,377)	-14.39%
Line 10 - Environmental Surcharge Factor for Expense Month (Line 8 / Line 9)	3.0808%	1.2693%	1.8115%	142.72%
Environmental Costs				
ES FORM 1.00, Line 3 (Environmental Costs to be Allocated)	1,400,937	489,961	910,976	
ES FORM 1.00, Line 5B (Retail Customers Only)	95,494	95,494	0	
ES FORM 1.00, Line 6 (Over/Under Recovery) (Retail Customers Only)	(168,809)	(22,023)	(146,786)	
Total Environmental Costs	1,327,622	563,432	764,190	
Allocation of Environmental Costs				
Kentucky Retail Revenues	876,520	421,833	454,687	
FERC Wholesale Revenues	15,410	3,920	11,490	
Associated Utilities Revenues	99,467	39,687	59,780	
Non-Associated Utilities Revenues (Off System Sales)	336,225	97,992	238,233	
Total Environmental Costs By Revenue Category	1,327,622	563,432	764,190	
ES FORM 1.00, Line 3 (Environmental Costs to be Allocated)	1,400,937	489,961	910,976	
% of Kentucky Retail Revenues to Total Revenues for Month	67,8%	71.1%		
Applicable KY Retail Environmental Costs	949,835	348,362	601,473	
ES FORM 1.00, Line 5B (Retail Customers Only)	95,494	95,494	0	
ES FORM 1.00, Line 6 (Over/Under Recovery) (Retail Customers Only)	(168,809)	(22,023)	(146,786)	
Total Environmental Costs To Be Recovered	876,520	421,833	454,687	
		0.0%		
FERC Wholesale Revenues Associated Utilities Revenues	1.1%	0.8%		
Non-Associated Utilities Revenues (Off System Sales)	24.0%	20.0%		
NON-ASSociated Utilities Revenues (On System Spies)	24.070	20.0 %		
		······		
ES FORM 3.00				
First Component: Total Revenue Requirement - Big Sandy				
Record on ES FORM 3.00, Line 1	3,227,641	2,792,163	435,478	
Second Component: Kentucky Power Company Portion of Rockport Total Revenue				
	48,438	46,927	1,511	
Requirement, Record on ES FORM 3.20, Line 2				
		253,594	106,689	
Requirement, Record on ES FORM 3.20, Line 2 Third Component: Net Gain/(Loss) from Emission Allowance Sales	360,283	203,094		/
Third Component: Net Gain/(Loss) from Emission Allowance Sales	360,283	200,094		
Third Component: Net Gain/(Loss) from Emission Allowance Sales Total Current Period Revenue Requirement, CRR				/
Third Component: Net Gain/(Loss) from Emission Allowance Sales	360,283 2,915,796	2,585,496	330,300	
Third Component: Net Gain/(Loss) from Emission Allowance Sales Total Current Period Revenue Requirement, CRR			330,300	
Third Component: Net Gain/(Loss) from Emission Allowance Sales Total Current Period Revenue Requirement, CRR			330,300	

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Kentucky Power Company				
Monthly Environmental Surcharge Report Analysis KPSC Case No. 2006-00507				
Letter Dated October 10, 2007 Attachment 4. May 2007	Current	Prior		Percentage
Attachment 4	Month	Month	Difference	Change
Page 35 of 42				
ES FORM 3.10				
Line 1 - Utility Plant at Oringinal Cost	191,086,055	191,086,055	0	
Line 2 - Less Accumulated Depreciation	(34,229,909)	(33,607,621)	(622,288)	
Line 2 - Less Accum Def. Income Taxes	(33,572,199)	(33,284,553)	(287,646)	
	123,283,947	124,193,881	(909,934)	
Line 4 - Net Utility Plant	11,705,515	11,853,061	(147,546)	
Line 5 - SO2 Emission Allowance Inventory from ES FORM 3.11	0	0	0	
Line 6 - ECR & NOx Emission Allowance inventory from ES FORM 3.12	124,040	78,753	45,287	<u> </u>
Line 7 - Cash Working Capital Allowance from ES FORM 3.13, Line11	135,113,502	136,125,695	(1,012,193)	
Line 8 - Total Rate Base	10,15%	10,15%	0.00%	
Line 9 - Weighted Average Cost of Capital - ES FORM 3.15	0.85%	0.85%	0.00%	
Line 10 - Monthly Weighted Avg. Cost of Capital (9) / 12	1,148,465	1,157,068	(8,603)	<u> </u>
Line 11 - Monthly Return of Rate Base (8) * (10)	1,140,400	1,101,000	(0,000)	
Operating Expenses :	576,258	576,258	0	
Line 12 - Monthly Depreciation Expense			0	
Line 13 - Monthly Catalyst Amortization Expense	46,030	46,030 15,153	0	
Line 14 - Monthly Property Taxes			0	<u> </u>
Line 15 - Monthly Kentucky Air Emissions Fee	32,201	32,201	U	
Line 16 - Monthly Environmental AEP Pool Capacity Costs from ES FORM 3.14, Page				
1 of 11, Column 5, Line 10 / Monthly Gavin Scrubber Cost from ES FORM 3.14	1,056,601	731,268	325,333	
Line 17 - Monthly 2003 Plan Non-Fuel O&M Expenses from ES FORM 3.13	235,191	80,472	154,719	L
Line 18 - Monthly SO2 Emission Allowance Consumption - ES FORM 3.11	117,742	153,713	(35,971)	
Line 19 - Monthly ERC & NOx Emission Allowance Consumption -				
ES FORM 3.12	0	0	0	
Line 20 - Total Operating Expenses [Line 12 thru Line 18]	2,079,176	1,635,095	444,081	
Line 21 - Total Revenue Requirement - Big Sandy -				·
Record on ES FORM 3.00, Line 1	3,227,641	2,792,163	435,478	
ES FORM.3.11				
SO2 Emission Allowance Inventory	11,705,515	11,853,061	(147,546)	
SO2 Emissions Allowances Consumed By Kentucky Power	2,959	3,863	(904)	
SO2 Allowance Management System - Internal Purchases	0.0	0,0	0.0	
SO2 Allowance Management System - External Purchases	0.0	9,248.0	(9,248.0)	
SO2 Allowance Management System - Internal Sales	0.0	0.0	0.0	
SO2 Allowance Management System - External Sales	749.0	636.0	113.0	
SO2 Allowance Management System - Adjustments	0.0	0.0	0.0	
SO2 Allowance Management System - Consumption	2,959.0	3,863.0	(904.0)	
Member Load Ratio - KPC (ES FORM 3.11)	0.07488	0.07488	0.00000	
ES FORM 3.12			ļ	
ECR & NOx Emission Allowance Inventory	0	0	0	
ECR Consumed By Kentucky Power	0	0	0	
NOx Consumed By Kentucky Power	0	0	0	
			<u> </u>	
ES FORM 3.13				·
1997 Plan : Monthly Kentucky Air Emissions Fee	32,201	32,201	0	
	607,187	363,636	243,551	·····
Total Monthly AEP Pool Environmental Capacity Costs / Monthly Gavin Scrubber Costs Monthly SO2 Allowance Consumption	117,742	153,713	(35,971)	
Total 1997 Plan O&M Expenses	757,130	549,550	207,580	~
	101,100		201,000	
2003 Plan :			<u> </u>	
Monthly Varible Cladding at Big Sandy Unit 1		0	0	
Monthly Valible Clauding at big Sandy Unit 1	207,116	50,290	156,826	
Monthly Catalyst Replacement at Big Sandy Unit 2	0	0	150,520	
Monthly ERC & NOx Allowance Consumption		O	0	• • • • • • • • • • • • • • • • • • •
Equipment - Associated Operating Expense	1,059	0	1.059	
Equipment - Associated Maintenance Expense	27,016	30,182	(3,166)	
Total 2003 Plan O&M Expenses	235,191	B0,472	154,719	
		<u>00, T/L</u>	10-1,110	
Total Monthly O&M Expenses	992,321	630,022	362,299	
	124,040	78,753	45,287	

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Kentucky Power Company				
Monthly Environmental Surcharge Report Analysis		Dries		
May 2007	Current Month	Prior Month	Difference	Percentage Change
				{
ES FORM 3.14				
Total AEP Pool Monthly Environmental Capacity Costs to Kentucky Power	1,056,601	731,268	325,333	
Gavin Scrubber Expense:				
Sjudge Removal	639,259	1,038,118	(398,859)	1
Line Consumption	2,883,016	1,773,348 4,253,067	1,109,668	
Lease Expense Scrubber Maintenance (Only 50% is Applicable)	584,168	1,134,794	(550,626)	
Total Gavin Scrubber Expenses	8,359,510	8,199,327	160,183	+
Scrubber Cost to Kentucky Power (ES FORM 3.10, Line 15)	0	0	0	
	-+		1	
Surplus Capacity kW				
OPCo	2,870,800	3,099,100	(228,300)	
I&M	156,300	358,100	(2D1,800)	
Total	3,027,100	3,457,200	(228,300)	
Ohlo Power Surplus Weighting	95%	90%	5.00%	ļ
Indiana Michgan Power Surplus Weighting	5%	10%	-5.00%	
Kentucky Power Capacity Deficit	478,100	399,600	78,500	
ES FORM 3.20				
(Costs Associated with Rockport)				
Line 12 - KPC Portion of Costs Associated with Rockport,				
Record on ES FORM 3.00	48,438	46,927	1,511	
			<u> </u>	
ES FORM 3.30				
Kentucky Retail Revenues	28,451,204	33,233,581	(4,782,377)	
FERC Wholesale Revenues Associated Utilities Revenues	478,578	356,918 3,795,680	(831,121)	
Non-Associated Utilities Revenues	10,070,744	9,347,318	723,426	
Physical Revenues for Month	41,965,085	46,733,497	(4,768,412)	
Non Physical Revenues for Month	271,951	1,351,561	(1,079,610)	
Total Revenues for Month	42,237,036	48,085,058	(5,848,022)	
% of Kentucky Retail Revenues to Total Revenues for Month	67.8%	71.1%	-3.3%	
% of FERC Wholesale Revenues to Total Revenues for Month	1.1%	0.8%	0.3%	
% of Associated Utilities Revenues (Off System Sales)				
to Total Revenues for Month % of Non Associated Utilities Revenues to Total Revenues for Month	7.1%	8.1%	-1.0%	
Total	24.0%	20,0%	4.0%	
i Vlai	100.0%	100,0%	0.0%	
Over/(Under) Recovery Adjustment			[
Kentucky Retail Surcharge Factor For -				
March 2007 / February 2007	-1.1149%	-0.2698%	-0.8451%	
Kentucky Retail Revenues for Current Expense Month	23,784,196	33,014,826	(9,230,630)	
Surcharge Collected	(265,170)	(89,074)	(176,096)	
Surcharge Amount To Be Collected	(433,979)	(111,097)	(322,882)	
			(10 704	
Over/(Under) Recovery - Record on ES FORM 1.00, Line 6	168,809	22,023	146,786	

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KPSC Case No. 2006-00507Letter Dated October 10, 2007Attachment 4KENPage 37 of 42			Schedule	12
SOURCES AND DISPOSITION OF ENERGY FOR FERC TYPE FUEL COST ADJUSTMENT CLAUSE		May 2007	ESTIMATE	
SOURCES OF ENERGY	MWH	S_AMOUNT	MILLS/kWh	
OWN FOSSIL GENERATION (Sch 8, Line 30) ===> UNIT POWER PURCHASE (AEG) ROCKPORT #1 UNIT POWER PURCHASE (AEG) ROCKPORT #2	431,032 124,807 0	8,840,015 2,197,223 0	20.509 17.605 0.000	Sch 8
SUBTOTAL, ITEM 1	555,839	11,037,238	19.857	ö
SYSTEM POOL - PRIMARY & ECONOMY AEP SYSTEM CASH PURCHASES INTERRUPTIBLE BUY-THROUGH SUBTOTAL, ITEM 2 3. TOTAL SOURCES (1+2)	197,285 68,620 0 265,905 821,744	2,564,182 2,564,962 0 5,129,144 16,166,382	12.997 37.379 0.000 19.289 19.673	
				Line
		7,326,367		33
<u>DISPOSITION OF ENERGY</u> 4. OFF SYSTEM ALLOCATION OF SOURCES SYSTEM POOL - PRIMARY & ECONOMY UNIT POWER PURCHASE (AEG) ROCKPORT #1 UNIT POWER PURCHASE (AEG) ROCKPORT #2 AEP SYSTEM CASH PURCHASES OWN GENERATION INTERRUPTIBLE BUY-THROUGH	37,633 19,463 0 65,716 83,234 20	747,277 334,876 0 2,531,817 1,551,690 1,168		Line
SUBTOTAL, ITEM 4	206,066	5,166,828	25.074	34
5. FUEL IDENTIFIED FOR NER (3-4)	615,678	10,999,554	17.866	
6. TOTAL (4+5)	821,744	16,166,382	19.673	
A FUEL IDENTIFIED FOR NER (LINE 5 ABOVE)	615,678	10,999,554	17.866	
B.NON-MONETARY INTER-COMPANY RECEIPTS (+) DELIVERIES (-) C.FUEL IDENTIFIED FOR NER (LINES A+B) D.OUT OF PERIOD ADJUSTMENT E.CONVENTIONAL HYDRO F.TOTAL SUPPLY FOR NET ENERGY REQUIREMENT (NER)	5,457 621,135 0 0 621,135	0 10,999,554 0 0 10,999,554	0.000 17.709 0.000 0.000 17.70880	

-

FUEL IDENTIFIED PORTION (A/C 151 FUEL BASIS)

FUEL IDENTIFIED PORTION (A/C 151 FUEL BASIS)		AMOUNT	
ACTUAL	MWH	\$	MILLS/KWH
1. OWN FOSSIL GENERATION	537,990	9,867,780	18.342
Unit Purchase (AEG) Rockport 1	136,419	2,397,965	17.578
Unit Purchase (AEG) Rockport 2	75,002	1,379,398	18.391
TOTAL	749,411	13,645,143	18.208
2. OTHER PURCHASES (CASH SETTLED):			
System Pool - Primary/Economy	43,586	586,125	13.448
AEP System - Cash Purchases	81,537	3,009,024	36.904
Interruptible Buy-Through/SDI	0	0	0.000
TOTAL	125,123	3,595,149	28.733
3. IDENTIFIED SOURCES (1 + 2)	874,534	17,240,292	19.714
 OFF-SYSTEM ALLOCATION OF SOURCES: System Pool - Primary/Economy Allocated to AEP Deliveries (cash): 	99,212	1,806,560	18.209
Unit Purchase (AEG) Rockport 1	1,377	22,598	16.411
Unit Purchase (AEG) Rockport 2	458	7,443	16.251
AEP System Cash Purchases	77,750	2,948,439	37.922
Own Generation	77,354	1,422,013	18.383
	0	0	0.000
Interruptible Buy-Through/SDI	36	1,931	53.639
TOTAL	256,187	6,208,984	24.236
5. IDENTIFIED FOR NER (3 - 4)	618,347	11,031,308	17.840
6. TOTAL (4 + 5)	874,534	17,240,292	19.714
A. FUEL IDENTIFIED FOR NER (LINE 5) B. NON-MONETARY INTER-COMPANY	618,347	11,031,308	17.840
	667	0	0.000
C. FUEL IDENTIFIED FOR NER (A + B)	619,014	11,031,308	17.821
	0	0	0.000
E. CONVENTIONAL HYDRO		0	0.000
F. TOTAL SUPPLY FOR NER	619,014	1,031,300	11.02011

KENTUCKY POWER COMPANY APRIL 2007

SOURCES AND DISPOSITION OF ENERGY FOR FERC TYPE FUEL COST ADJUSTMENT CLAUSE

ACTUAL	
SOURCES	TOTAL MWH
1. NET GENERATION: Fossil Steam	537,990
 2. INTER-COMPANY RECEIPTS: a. Purchased Power (Excluding Interchange) * Unit Power Purchases (AEG) Other* b. Non-Associated Companies c. System Account d. Interruptible Buy-Through/SDI Total Inter-Company Receipts 	211,421 81,537 0 171,193 0 464,151
3. TOTAL SOURCES (1 + 2)	1,002,141
DISPOSITION	
 4. INTER-COMPANY DELIVERIES: a. Non-Associated Companies b. System Account c. System Sales for Resale (w/o fuel adjustment) * d. Interruptible Buy-Through/SDI 	0 172,508 210,583 36

 c. System Sales for Resale (w/o fuel adjustment)
 210,583

 d. Interruptible Buy-Through/SDI
 36

 Total Inter-Company Deliveries
 383,127

 5. NET ENERGY REQUIREMENT (3 - 4)
 619,014

8. TOTAL DISPOSITION (4 + 5 + 6 + 7)

* Excludes power that did not enter into nor did it flow out of AEP System.

1,002,141

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 40 of 42

INVOICE AMERICAN ELECTRIC POWER AS AGENT FOR KENTUCKY POWER COMPANY STATEMENT OF SCHEDULED TRANSACTIONS WITH THE CITY OF OLIVE HILL, KENTUCKY



INVOICE DATE: PAYMENT DUE DATE: INVOICE NUMBER:	5/8/2007 5/18/2007 117-20406813			
INVOICE PERIOD:		01-Apr-2007	- 30-Apr-2007	Eastern Prevailing Time
Billing Information:				
Demand Charge:		<u>Peak kW</u>	<u>\$/kW</u>	<u>Billing</u> \$
Peak Date & Tim	e: 04/08/07 @ 9:00			
		4,427	\$9.26	\$40,994.02
		Accumulated kWH	<u>\$/kWh</u>	
Energy Charge:		1,977,408	\$0.0031396	\$6,208.27
Fuel Charge:		1,977,408	\$0.0170476	\$33,710.06
Fuel Adjustment Charge:		1,977,408	\$0.0027866	\$5,510.25
February 2007 Actual Fuel True-Up	<u>:</u>			
Actual	Fuel Adjustment Charge: Fuel Adjustment Charge: Fuel Charge Difference:	2,995,023	\$0.0025232 <u>\$0.0027866</u> \$0.0002634	\$788.89
January 2007 Actual Fuel True-Up:				
Actual Revision 1	Fuel Adjustment Charge: Fuel Adjustment Charge: Fuel Charge Difference:	2,745,173	\$0.0019501 <u>\$0.0017586</u> (\$0.0001915)	(\$525.70)
PJM Open Access Transmission T	ariff			\$16,564.49
AMOUNT DUE AEP				\$103,250.28
	METHOD	S OF PAYMENT		
Bank Instructions:				
By Wire Transfer To: Citibank, N.A., N.Y. ABA# 0210-00089				

Citibank, N.A., N.Y. ABA# 0210-00089 Kentucky Power Company - Generation Account Number 30484544

Billing Questions: (614) 583-6225 or (614) 583-6149

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 4 Page 41 of 42

INVOICE AMERICAN ELECTRIC POWER AS AGENT FOR KENTUCKY POWER COMPANY STATEMENT OF SCHEDULED TRANSACTIONS WITH THE CITY OF VANCEBURG, KENTUCKY



INVOICE DATE: PAYMENT DUE DATE: (NVOICE NUMBER:	5/8/2007 5/18/2007 117-20406812			
INVOICE PERIOD:		01-Apr-2007 -	30-Apr-2007	Eastern Prevailing Time
Billing Information:				
Demand Charge: Peak date & Time:	04/10/07 @ 8:00	<u>Peak kW</u>	<u>\$/kW</u>	<u>Billing</u> \$
		11,426	\$9.08	\$103,748.08
		Accumulated kWH	<u>\$/kWh</u>	
Energy Charge:		5,517,935	\$0.0030769	\$16 , 978.13
Fuel Charge:		5,517,935	\$0.0167067	\$92,186.48
Fuel Adjustment Charge:		5,517,935	\$0.0027309	\$15,068.93
February 2007 Actual Fuel True-Up	<u>:</u>			
Actual I	Fuel Adjustment Charge: Fuel Adjustment Charge: Fuel Charge Difference:	7,202,739	\$0.0024727 <u>\$0.0027309</u> \$0.0002582	\$1,859.75
January 2007 Actual Fuel True-Up:				
Actual Revision 1	Fuel Adjustment Charge: Fuel Adjustment Charge: Fuel Charge Difference:	6,588,896	\$0.0019111 <u>\$0.0017234</u> (\$0.0001877)	(\$1,236.74)
PJM Open Access Transmission Ta	ariff			\$25,133.18
AMOUNT DUE AEP				\$253,737.81
Bank Instructions:	METHOD	OS OF PAYMENT		
By Wire Transfer To: Citibank, N.A., N.Y. ABA# 0210-00089				

Citibank, N.A., N.Y. ABA# 0210-00089 Kentucky Power Company - Generation Account Number 30484544

Billing Questions: (614) 583-6225 or (614) 583-6149

	Source and Disposition of Energy (Total System)	
	Generation:	<u>Megawatthours</u>
1	Total Net Generation (Sch 3)	431,032
	Purchased Power:	
	Interchange Pool (Sch 4, Pool Energy) Interchange Received Cash Purchased Power: Associated	340,681 0
	(Including Rockport) (Sch 4 or 12A) Purchased Power: Non Associated	125,332 68,077
6	Loop In/Out (Sch 4, Loop or Interchange In/Out - Nonassociated)	0
7	Total Purchased Power	534,090
8	Total Source (1 Plus 8)	965,122
	Billed and Accrued	
10 11 12 13	Total Energy Sales (Sch 3) Used in Electric & Other Departments (Sch 2) Furnished Without Charge Total Energy Accounted For (+10+11+12) Energy Lost and Unaccounted For Total Disposition (Must Equal Line 8)	913,260 369 0 913,629 51,493 965,122
	Billed Only (Memo)	
16 17 18 19	Total Energy Sales (Sch 3) Used in Electric & Other Departments (Sch 2) Furnished Without Charge Total Energy Accounted For Energy Lost and Unaccounted For Total Disposition (Must Equal Line 8)	888,739 369 0 889,108 76,014 965,122

ALL-STATE* LEGAL 500-222-0510 ED11 RECYCLED

KPSC Case No. 2006-00507 Letter Dated October 10, 2007

KENTUCKY POWER

A unit of American Electric Power

Kentucky Power P 0 Box 5190 101A Enterprise Drive Frankfort, KY 40602 KentuckyPower.com

RECEIVED

JUN 18 2007

PUBLIC SERVICE

COMMISSION

June 18, 2007

Elizabeth O'Donnell, Executive Director Public Service Commission P. O. Box 615 211 Sower Boulevard Frankfort, Kentucky 40602

Attention: Isaac S. Scott

RE: Monthly Environmental Surcharge Report

Dear Ms. O'Donnell

Pursuant to KRS 278.183(3), Kentucky Power Company (Kentucky Power) files the original and three copies of its Environmental Surcharge Reports for the month of May 2007. In accordance with the Commission's Orders in the Environmental Surcharge cases, Kentucky Power has included the calculation and supporting documentation of the Environmental Surcharge Factor that will be billed for service on and after June 28, 2007.

If there are any questions please contact me at 502-696-7010.

Errol^{*}K. Wagn**ø** Director Regulatory Services Enclosures

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CALCULATION OF E(m) and SURCHARGE FACTOR For the Expense Month of May 2007

	CALCULATION OF E(m)			
	E(m) = CRR - BRR			
LINE	1	CRR from ES FORM 3.00	\$2,915,796	
LINE	2	Brr from ES FORM 1.10	\$1,514,859	
LINE	3	E(m) (LINE 1 - LINE 2)	\$1,400,937	
LINE	4	Kentucky Retail Jurisdictional Allocation Factor, from ES FORM 3.30, Schedule of Revenues, LINE 1	67.8%	
LINE	5A	KY Retail E(m) (LINE 3 * LINE 4)	\$949,835	
LINE	5B	Monthly Increase in Jurisdictional Environmental Revenue Requirement per Case No. 2006-00128, dated January 31, 2007	\$95,494	
LINE	6	Over/(Under) Recovery Adjustment from ES FORM 3.30	(\$168,809)	
LINE	7	Net KY Retail E(m) (LINE 5A + LINE 5B + LINE 6)	\$876,520	
		SURCHARGE FACTOR		
LINE	8	Net KY Retail E(m) (Line 7)	\$876,520	
LINE	9	KY Retail R(m) from ES FORM 3.30	\$28,451,204	
LINE	10	Environmental Surchage Factor for Expense Month (Line 8 / LINE 9)	3.0808%	

Effective Date for Billing:

July 2007

Submitted By :

Title :

Date Submitted :

June 18, 2007

Director Regulatory Services

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 5 Page 3 of 24

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ES FORM 1.10

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT BASE PERIOD REVENUE REQUIREMENT For the Expense Month of May 2007

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MONTHLY BASE PERIOD REVENUE REQUIREMENT

Billing Month	Base Net Environmental Costs
JANUARY	\$2,531,784
FEBRUARY	3,003,995
MARCH	2,845,066
APRIL	2,095,535
MAY	1,514,859
JUNE	1,913,578
JULY	2,818,212
AUGUST	2,342,883
SEPTEMBER	2,852,305
OCTOBER	2,181,975
NOVEMBER	2,598,522
DECEMBER	1,407,969
TOTAL	\$28,106,683

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT For the Expense Month of May 2007

CALCULATION OF CURRENT PERIOD REVENUE REQUIREMENT

LINE			
NO.	COMPONENTS		
1	First Component: Associated with Big Sandy Plant ((RB KP(C)) (ROR KP(C)/12)) + OE KP(C) ES FORM 3.10, Line 20		\$3,227,641
2	Second Component: Associated with Rockport Plant [((RB IM(C)) (ROR IM(C)/12)) + OE IM(C) ES FORM 3.20, Line 12		\$48,438
	Third Component: Net Proceeds from Emission Allowances Sales AS 1) SO2 - EPA Auction Proceeds received during Expense Month	\$0	
	 SO2 - Net Gain or (Loss) from Allowance Sales, in compliance with the AEP Interim Allowance Agreement, received during Expense Month 	\$360,283	
	Total Net Proceeds from SO2 Allowances	\$360,283	
	1) NOx - ERC Sales Proceeds, received during Expense Month	\$0	
	2) NOx - EPA Auction Proceeds, received during Expense Month	\$0	
	 NOx - Net Gain or Loss from NOx Allowances Sales, received during Expense Month 	\$0	
	Total Net Proceeds from NOx Allowances	\$0	
3	Total Net Gain or (Loss) from Emission Allowance Sales		\$360,283
4	Total Current Period Revenue Requirement, CRR Record on ES FORM 1.00.		\$2,915,796

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

LINE NO.	COST COMPONENT		
1	Return on Rate Base : Utility Plant at Original Cost	\$191,086,055	
2	Less Accumulated Depreciation	(\$34,229,909)	
3	Less Accum. Def. Income Taxes	(\$33,572,199)	
4	Net Utility Plant		\$123,283,947
5	SO2 Emission Allowance Inventory from ES FORM 3.11		\$11,705,515
6	ECR & NOx Emission Allowance Inventory from ES FORM 3.12		\$0
7	Cash Working Capital Allowance from ES FORM 3.13, Line11		\$124,040
В	Total Rate Base		\$135,113,502
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)		\$1,148,465
	Operating Expenses :		
12	Monthly Depreciation Expense		\$576,258
13	Monthly Catalyst Amortization Expense		\$46,030
14	Monthly Property Taxes		\$15,153
15	Monthly Kentucky Air Emissions Fee		\$32,201
16	Monthly Environmental AEP Pool Capacity Costs		R4 050 004
17	from ES FORM 3.14, Page 1 of 11, Column 5, Line 10 Monthly 2003 Plan Non-Fuel O&M Expenses from ES FORM 3.13		\$1,056,601
18	Monthly SO2 Emission Allowance Consumption		\$235,191 \$117,742
	Monthly ERC & NOx Emission Allowance Consumption		ው ው በ 17,742 ድስ
	Total Operating Expenses [Line 12 thru Line 18]		\$2,079, 1 76
21	Total Revenue Requirement - Big Sandy		<u> </u>
, ,	Record on ES FORM 3.00, Line 1		\$3,227,641
			,

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT SO2 EMISSIONS ALLOWANCE INVENTORY

For the Expense Month of May 2007

-	(1) Aliowance	(2)	(3)	(4) Cumulative	(5)
	Activity in	Cumulative	Dollar Value	Dollar	Weighted
	Month	Balance	of Activity	Balance	Average Cost
BEGINNING INVENTORY		754,608		\$4,685,726	\$6.209
Additions -					
EPA Allowances	0	298,425	\$0	\$0	\$0.000
Gavin Reallocation	0	62,114	\$0	\$0	\$0.000
P & E Transfers In	0	325,869	\$0	\$4,725,223	\$14.500
Intercompany Purchases	0	20,657	\$0	\$3,212,441	\$155.513
Other (List)	. 0	428,624	\$1,866,728	\$67,006,514	\$156.329
SO2 Emissions Allowance	· ·				
Adjustment	0	4	\$0	\$0	\$0.000
Withdrawals -					
P & E Transfers Out	0	9,038	\$0	\$775,253	\$85.777
Intercompany Sales	0	50,124	\$0	\$4,704,459	\$93.856
Off - System Sales	749	292,367	\$29,804	\$29,574,404	\$101.155
SO2 Emissions Allowance	,	202,001	+201001	4-0101 11101	<i>Q(0)00</i>
Adjustment	D	0	\$0	\$0	\$0.000
SO2 Emissions Allowances	, , , , , , , , , , , , , , , , , , ,	Ť	÷÷	* •	<i>\$0.000</i>
Consumed By Kentucky Power	2,959	425.895	\$117,742	\$32,870,273	\$77,179
ENDING INVENTORY - Record				4	<i>q</i> (1).10
Balance in Column (4) ол					
ES FORM 3.10, Line 5		1,112,877		\$11,705,515	\$10.518
					an a
Expense Month Member Load Ratio	for AEP/Kentucky	Power			0.07488

Columns 1 and 2 -

Record the number of allowances in any transaction (purchase, sale, transfer) which occurred during the Expense Month. Multiple transactions for a given category are to be shown as the total activity for that category during the Expense Month. For each transaction shown in Column 1, update the cumulative balance in Column 2.

Columns 3 and 4 -

For each transaction reflected in Column 1, record the total dollars of the transaction. Multiple transaction for a given category are to be shown as the total dollar amount for that category during the Expense Month. For each transaction shown in Column 3, update the cumulative dollar balance in Column 4. Include transactions that total zero dollars. Record amounts in whole dollars.

Column 5 -

Compute the Weighted Average Cost by dividing the Cumulative Dollar Balance (Co. 4) by the corresponding Cumulative Balance (Col. 2). Perform this calculation for the Beginning Inventory, Ending Inventory and all additions and withdrawals made during the Expense Month. The Weighted Average Cost should be carried out to 3 decimal places.

ES FORM 3.12

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT ECR and NOx EMISSIONS ALLOWANCE INVENTORY

For the Expense Month of May 2007

	(1) Allowance Activity in Month	(2) Cumulative Balance	(3) Dollar Value of Activity	(4) Cumulative Doliar Balance	(5) Weighted Average Cost
BEGINNING INVENTORY Additions -		0		\$0	0.000
EPA Allowances	0	18,575	\$D	\$0	
P&E Transfers In	0	0		\$0	
Intercompany Purchases	O	D	\$0	\$0	0.000
Other (List)	0	D	\$0	\$0	0.000
Withdrawals -	D	D	\$0	\$0	0.000
P & E Transfers Out Intercompany Sales	o	D N	\$0 \$0	\$0 \$0	0.000
Off - System Sales	Ő	1,650	\$0	\$0 \$0	0.000
ERC Consumed By Kentucky Power	ō	930	\$0	\$D	0.000
NOx Consumed By Kentucky Power	449	7,562	\$0	\$0	0.000
ENDING INVENTORY - Record Balance in Column (4) on ES FORM 3.10, Line 5		8,433		\$0	0.000

Columns 1 and 2 -

Record the number of allowances in any transaction (purchase, sale, transfer) which occurred during the Expense Month. Multiple transactions for a given category are to be shown as the total activity for that category during the Expense Month. For each transaction shown in Column 1, update the cumulative balance in Column 2.

Columns 3 and 4 -

For each transaction reflected in Column 1, record the total dollars of the transaction. Multiple transaction for a given category are to be shown as the total dollar amount for that category during the Expense Month. For each transaction shown in Column 3, update the cumulative dollar balance in Column 4. Include transactions that total zero dollars. Record amounts in whole dollars.

Column 5 -

Compute the Weighted Average Cost by dividing the Cumulative Dollar Balance (Co. 4) by the corresponding Cumulative Balance (Col. 2). Perform this calculation for the Beginning Inventory, Ending Inventory and all additions and withdrawals made during the Expense Month. The Weighted Average Cost should be carried out to 3 decimal places.

Note : For any sale or transfer of ERCs or NOx emission allowances, attach to this report documentation showing the currently available market prices for similar ERC or NOx allowances.

Total Early Reduction Credits (ERC)	930
Consumed: June 2004 July 2004	420 510
Total Consumed	930
Remaining Early Reduction Credits (ERC)	0

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT

For the Expense Month of May 2007

LINE NO.	O&M Expenses		
1 2 3 4	1997 Plan : Monthly Kentucky Air Emissions Fee Total Monthly AEP Pool Environmental Capacity Costs Monthly SO2 Allowance Consumption Total 1997 Plan O&M Expenses	\$32,201 \$607,187 <u>\$117,742</u>	\$757,130
5 6 7 8 9 10 11	2003 Plan : Monthly Varible Cladding at Big Sandy Unit 1 Monthly Urea Consumption at Big Sandy Unit 2 Monthly Catalyst Replacement at Big Sandy Unit 2 Monthly ERC & NOx Allowance Consumption Equipment - Associated Operating Expenses Equipment - Associated Maintenance Expenses Total 2003 Plan O&M Expenses	\$0 \$207,116 \$0 \$0 \$1,059 <u>\$27,016</u>	<u>\$235,191</u>
12 13	Total Monthly O&M Expenses Cash Working Capital Allowance (Line 10 X 1/8)		<u>\$992.321</u> \$124,040

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

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 5 Page 9 of 24

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Kentucky Power Company Environmental Equipment Operation and Maintenance Costs May 2007

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Work Description	Material Costs	Outside Contract Labor	Misc Other Costs	Total Costs
SCR Boiler Outlet Ductwork	\$562.50	\$8,222.07	\$0.00	\$8,884.57
SCR Instrument & Controls	\$1,509.68	\$0.00	\$0.00	\$1,509.68
SCR NOx Monitoring	\$1,274.78	\$0.00	\$0.00	\$1,274.78
SCR Booster Fan	\$1,078.82	\$0.00	\$0.00	\$1,078.82
Boiler Acoustic Horns	\$183.20	\$0.00	\$0.00	\$183.20
Ammonia Injection System	\$4,867.56	\$0.00	\$0.00	\$4,867.56
SCR Bypass Dampers	\$301.05	\$0.00	\$0.00	\$301.05
Total SCR May 2007 O & M Expense	\$9,877.59	\$8,222.07	\$0.00	\$18,099.66
Additional Operator Overtime During The Ozone Season	\$0.00	\$0.00	\$1,059.12	\$1,059.12
Emission Testing Required Under				
Operation Maintenance	\$0.00 \$8,916.10	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$8,916.10

May 2007 O & M Expenses Filed

\$28,075

ES FORM 3.14 Page 1 of 11

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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 2007

Line No. (1)	Cost Component (2)	Ohio Power Company's Environmental Cost to KPCo (3)	Indiana Michigan Power Company's Environmental Cost to KPCo (4)	Total (5)
.1	Amos Unit No. 3 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 3 of 11, Line 24)	- \$86,058		
2	Cardinal Unit No. 1 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 4 of 11, Line 22)	\$81,277		
3	Gavin Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 5 of 11, Line 26)	\$721,931		
4	Kammer Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 6 of 11, Line 20)	\$4,781		
5	Mitchell Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 7 of 11, Line 21)	\$57,372		
6	Muskingum Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 8 of 11, Line 20)	\$86,058		
7	Sporn Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 9 of 11, Line 20)	\$14,343		
8	Rockport Plant Environmental to Kentucky Power (ES FORM 3.14, Page 10 of 11, Column 5, Line 21)		\$0	
9	Tanners Creek Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 11 of 11, Line 20)		\$4,781	
10	Total AEP Pool Monthly Environmental Capacity Costs to Kentucky Power	\$1,051,820	\$4,781	\$1,056,601

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

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 5 Page 11 of 24

ES FORM 3.14 Page 2 of 11

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

Line No. (1)	Cost Component (2)	Ohio Power Company's (OPCo) Envirønmental Cost to KPCo (3)	Indiana Michigan Power Company's (I&M) Environmental Cost to KPCo (4)	⊤otal (5)
1	Amos Unit No. 3 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 3 of 11, Line 16)	\$351,974		
2	Cardinal Unit No. 1 Environmental Cost to Kentucky Power (ES FORM 3.14, Page 4 of 11, Line 12)	\$207,911		
3	Gavin Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 5 of 11, Line 16)	\$10,090,115		
4	Kammer Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 6 of 11, Line 10)	\$18,033		
5	Mitchell Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 7 of 11, Line 11)	\$474,972		
6	Muskingum Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 8 of 11, Line 10)	\$161,202		
7	Sporn Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 9 of 11, Line 10)	\$13,368		
8	Rockport Plant Environmental to Kentucky Power (ES FORM 3.14, Page 10 of 11, Column 3, Line 10)		\$12,500	
9	Rockport Plant Environmental to Kentucky Power (ES FORM 3.14, Page 10 of 11, Columns 4 & 5, Line 10)		\$0	
10	Tanners Creek Plant Environmental Cost to Kentucky Power (ES FORM 3.14, Page 11 of 11, Line 10)		\$12,500	
11	Subtotal	\$11,317,575	\$25,000	Ň
12	Steam Capacity By Company - OPCo (Column 3) / I&M (Column 4) (kw)	8,455,000	5,101,000	
13	Environmental Base (\$/kw)	\$1.34	\$0.00	
14	Company Surplus Weighting	95.00%	5.00%	
15	Portion of Weighted Average Capacity Rate Attributed to Environmental Fixed O&M Costs	\$1.27	\$0.00	
16	Kentucky Power Capacity Deficit (kw)	478,100	478,100	
17	Fixed O&M Environmental Cost to Kentucky Power	\$607,187	\$0	\$607,187

ES FORM 3.14 Page 3 of 11

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KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT OHIO POWER COMPANY (OPCo) - AMOS PLANT UNIT NO. 3

LINE NO.	COST	AMOUNTS
		\$90,118,342
1	Utility Plant at Original Cost	1.37%
2	Member Primary Capacity Investment Rate (16.44% / 12)	\$1,234,621
3	Total Rate Base	100.00%
4	Ohio Power Company's Percentage Ownership - Environmental Investment	\$1,234,621
5	OPCo's Share of Cost Associated with Amos Unit No. 3 (3) X (4)	$\psi_1, 2\psi_1\psi_2$
	Operations :	\$0
6	Disposal (5010000)	\$518,775
7	Urea (5020002)	\$0,775
8	Trona (5020003)	\$0 \$0
9	Lime Stone (5020004)	\$9,160
10	Air Emission Fee	\$527,935
11	Total Operations (Lines 6 thru 10)	φ027,900
	Maintenance :	\$0
12	SCR Maintenance (5120000)	\$0 \$0
13	1/2 of Maintenance (12) * 50%	\$527,935
14	Fixed O&M (11) + (13)	<u>66.67%</u>
15	Ohio Power Company's Percentage Ownership - O&M Cost	\$351,974
16	OPCo's Share of O&M Cost Associated with Amos Unit No. 3 (14) X (15)	3301,514
4-7	Total Revenue Requirement, Cost Associated with Amos Unit No. 3 (5) + (16)	\$1,586,595
17		8,455,000
18	Ohio Power Company Steam Capacity (kw)	\$0.19
19	Amos Unit No. 3 Environmental Rate (\$/kw)	95.00%
20	Ohio Power Surplus Weighing	50.0078
21	Portion of Weighted Average Capacity Rate	\$0.18
	Attributed to Amos Unit No. 3 SCR (\$/kw) (19) * (20)	φ0.10
	Amos Unit No. 3 Costs to Kentucky Power :	\$0.18
22	Amos Unit No. 3 Portion (\$/kw) (21)	478,100
23	Kentucky Power Capacity Deficit (kw)	470,100
	Amos Unit No. 3 Environmental Cost to Kentucky Power (22) * (23)	\$86,058
24	(ES FORM 3.14, Page 1 of 10, Line 1)	φ00,000

ES FORM 3.14 Page 4 of 11

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT OHIO POWER COMPANY (OPCo) - CARDINAL UNIT 1

LINE NO.	COST	AMOUNTS
		\$97,295,190
1	Utility Plant at Original Cost	1.37%
23	Member Primary Capacity Investment Rate (16.44% / 12) Total Rate Base	\$1,332,944
3		$\psi_{1,002,0+1}$
	Operations :	\$0
4	Disposal (5010000)	\$203,476
5	Urea (5020002)	\$200,470
6 7	Trona (5020003)	\$0 \$0
	Lime Stone (5020004)	\$4,43 <u>5</u>
8	Air Emission Fee	\$207,911
9	Total Operations (Line 4 thru 8)	φ207,911
	Maintenance :	\$0
10	SCR Maintenance (5120000)	\$0 \$0
11	1/2 of Maintenance (10) * 50%	<u>50</u> \$207,911
12	Fixed O&M (9) + (11)	<u>\$207,511</u>
	Total Revenue Requirement,	\$1,540,855
13	Cost Associated with Cardinal Unit No. 3 (3) + (12)	<u>\$1,340,835</u> 100,00%
14	Ohio Power Company's Percentage Ownership	\$1,540,855
15	OPCo's Share of Cost Associated with Cardinal Unit No. 1 (13) X (14)	
16	Ohio Power Company Steam Capacity (kw)	8,455,000 \$0.18
17	Cardinal Unit No. 1 (\$/kw)	\$0.18 95.00%
18	Ohio Power Surplus Weighing	95.00%
19	Portion of Weighted Average Capacity Rate	\$0.17
	Attributed to Cardinal Unit No. 1 (\$/kw) (17) X (18)	φ 0. 17
	Cardinal Unit No. 1 Costs to Kentucky Power :	60.47
20	Cardinal Unit No. 1 Portion (\$/kw) (19)	\$0.17 478 100
21	Kentucky Power Capacity Deficit (kw)	<u>478,100</u>
	Cardinal Unit No. 1 Environmental Cost to Kentucky Power (18) * (19)	CO4 077
22	(ES FORM 3.14, Page 1 of 10, Line 2)	\$81,277

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

LINE NO.	COST	AMOUNTS
		¢044 027 250
1	Utility Plant at Original Cost	\$244,637,350 1,27%
2	Member Primary Capacity Investment Rate (16.44% / 12)	<u>1.37%</u>
3	Total Rate Base	\$3,351,532
	Operations :	0000 050
4	Sludge Disposal (5010000)	\$639,259
5	Lime (5020001)	\$2,883,016
6	Urea (5020002)	\$1,478,173
7	Trona (5020003)	\$432,366
8	Lime Stone (5020004)	\$0
9	Air Emission Fee	\$29,543
10	Lease (5070005)	<u>\$4,253,067</u>
11	Total Operations (Lines 4 thru 10)	\$9,715,424
	Maintenance :	
12	SCR Maintenance (5120000)	\$165,213
13	Scrubber Maintenance (5120000)	<u>\$584,168</u>
14	Total Maintenance (12) + (13)	\$749,381
15	1/2 of Maintenance (13) * 50%	<u>\$374,691</u>
16	Fixed O&M (11) + (15)	<u>\$10,090,115</u>
	Total Revenue Requirement,	
17	Cost Associated with Gavin Plant (3) + (16)	\$13,441,647
18	Ohio Power Company's Percentage Ownership	100:00%
19	OPCo's Share of Cost Associated with Gavin Plant (17) X (18)	\$13,441,647
20	Ohio Power Company Steam Capacity (kw)	8,455,000
21	Gavin Plant (\$/kw)	\$1.59
22	Ohio Power Surplus Weighing	95.00%
23	Portion of Weighted Average Capacity Rate	
_	Attributed to Gavin Plant (\$/kw) (21) X (22)	\$1.51
	Gavin Plant Costs to Kentucky Power :	
24	Gavin Plant Portion (\$/kw) (23)	\$1.51
25	Kentucky Power Capacity Deficit (kw)	<u>478,100</u>
] - "	Gavin Plant Environmental Cost to Kentucky Power (24) * (25)	
26	(ES FORM 3.14, Page 1 of 10, Line 3)	\$721,931
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ES FORM 3.14 Page 6 of 11

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT OHIO POWER COMPANY (OPCo) - KAMMER PLANT (UNITS 1, 2 & 3)

LINE NO.	COST	AMOUNTS
	Litility Direct of Original Cost	\$7,112,543
1	Utility Plant at Original Cost Member Primary Capacity Investment Rate (16.44% / 12)	<u>1.37%</u>
23	Total Rate Base	\$97,442
	Operations :	φ07,112
4	Urea (5020002)	\$0
5	Trona (5020003)	\$0
6	Air Emission Fee	<u>\$18,033</u>
7	Total Operations $(4) + (5) + (6)$	\$18,033
1 '	Maintenance :	4141244
8	SCR Maintenance (5120000)	\$0
9	1/2 of Maintenance (8) * 50%	\$D
10	Fixed $O&M(7) + (9)$	\$18,033
,	Total Revenue Requirement,	
11	Cost Associated with Kammer Plant (3) + (10)	\$115,475
12	Ohio Power Company's Percentage Ownership	100.00%
13	OPCo's Share of Cost Associated with Kammer Plant (11) X (12)	\$115,475
14	Ohio Power Company Steam Capacity (kw)	8,455,000
15	Kammer Plant (\$/kw)	\$0.01
16	Ohio Power Surplus Weighing	95.00%
17	Portion of Weighted Average Capacity Rate	
	Attributed to Kammer Plant (\$/kw) (15) X (16)	\$0.01
	Kammer Plant Costs to Kentucky Power :	
18	Kammer Plant Portion (\$/kw) (17)	\$0.01
19	Kentucky Power Capacity Deficit (kw)	<u>478,100</u>
	Kammer Plant Environmental Cost to Kentucky Power (18) * (19)	
20	(ES FORM 3.14, Page 1 of 10, Line 4)	\$4,781

ES FORM 3.14 Page 7 of 11

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

	COSŤ	AMOUNTS
		\$43,375,267
1	Utility Plant at Original Cost	1.37%
23	Member Primary Capacity Investment Rate (16.44% / 12)	\$594,241
3	Total Rate Base	ψυστ,Ζτι
	Operations :	\$0
4	Disposal (5010000)	\$332,748
5	Urea (5020002)	\$120,750
6	Trona (5020003)	
7	Air Emission Fee	<u>\$21,235</u>
8	Total Operations (Lines 4 thru 7)	\$474,733
	Maintenance :	6477
9	SCR Maintenance (5120000)	\$477
10	1/2 of Maintenance (8) • 50%	<u>\$239</u>
11	Fixed O&M (8) + (10)	<u>\$474,972</u>
	Total Revenue Requirement,	A4 000 040
12	Cost Associated with Mitchell Plant (3) + (11)	<u>\$1,069,213</u>
13	Ohio Power Company's Percentage Ownership	100.00%
14	OPCo's Share of Cost Associated with Mitchell Plant (12) X (13)	\$1,069,213
15	Ohio Power Company Steam Capacity (kw)	8,455,000
16	Mitchell Plant (\$/kw)	\$0.13
17	Ohio Power Surplus Weighing	95.00%
18	Portion of Weighted Average Capacity Rate	
	Attributed to Mitchell Plant (\$/kw) (16) X (17)	\$0.12
	Mitchell Plant Costs to Kentucky Power :	
19	Mitchell Plant Portion (\$/kw) (18)	\$0.12
20	Kentucky Power Capacity Deficit (kw)	<u>478,100</u>
	Mitchell Plant Environmental Cost to Kentucky Power (19) * (20)	
21	(ES FORM 3.14, Page 1 of 10, Line 5)	\$57,372

ES FORM 3.14 Page 8 of 11

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT OHIO POWER COMPANY (OPCo) - MUSKINGUM PLANT (UNITS 1, 2, 3, 4 & 5)

LINE NO.	COST	AMOUNTS
1.	Utility Plant at Original Cost	\$106,575,168
2	Member Primary Capacity Investment Rate (16.44% / 12)	<u>1.37%</u>
3	Total Rate Base	\$1,460,080
	Operations :	
4	Urea (5020002)	\$132,692
5	Trona (5020003)	\$0
6	Air Emission Fee	<u>\$28,510</u>
7	Total Operations $(4) + (5) + (6)$	\$161,202
	Maintenance :	
8	SCR Maintenance (5120000)	\$0
9	1/2 of Maintenance (8) * 50%	<u>\$0</u>
10	Fixed O&M (7) + (9)	<u>\$161,202</u>
	Total Revenue Requirement,	
11	Cost Associated with Muskingum Plant (3) + (10)	<u>\$1,621,282</u>
12	Ohio Power Company's Percentage Ownership	100.00%
13	OPCo's Share of Cost Associated with Muskingum Plant (11) X (12)	\$1,621,282
14	Ohio Power Company Steam Capacity (kw)	8,455,000
15	Muskingum Plant (\$/kw)	\$0.19
16	Ohio Power Surplus Weighing	95.00%
17	Portion of Weighted Average Capacity Rate	
	Attributed to Muskingum Plant (\$/kw) (15) X (16)	\$0.18
	Muskingum Plant Costs to Kentucky Power :	
18	Muskingum Plant Portion (\$/kw) (17)	\$0.18
19	Kentucky Power Capacity Deficit (kw)	<u>478,100</u>
	Muskingum Plant Environmental Cost to Kentucky Power (18) * (19)	
20	(ES FORM 3.14, Page 1 of 10, Line 6)	\$86,058

ES FORM 3.14 Page 9 of 11

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT OHIO POWER COMPANY (OPCo) - SPORN PLANT (UNITS 2, 3, 4 & 5)

LINE NO.	COST	AMOUNTS
100.	0031	ANUCUNTS
	1 Hills - Diant at Original Coast	\$15,262,706
1	Utility Plant at Original Cost	
23	Member Primary Capacity Investment Rate (16.44% / 12)	<u>1.37%</u>
3	Total Rate Base	\$209,099
	Operations :	
4	Urea (5020002)	\$0
5	Trona (5020003)	\$0
6	Air Emission Fee	<u>\$13,368</u>
7	Total Operations $(4) + (5) + (6)$	\$13,368
	Maintenance :	
8	SCR Maintenance (5120000)	\$0
9	1/2 of Maintenance (8) * 50%	<u>\$0</u>
10	Fixed O&M (7) + (9)	<u>\$13,368</u>
	Total Revenue Requirement,	
11	Cost Associated with Sporn Plant (3) + (10)	<u>\$222,467</u>
12	Ohio Power Company's Percentage Ownership	100.00%
13	OPCo's Share of Cost Associated with Sporn Plant (11) X (12)	\$222,467
14	Ohio Power Company Steam Capacity (kw)	8,455,000
15	Sporn Plant (\$/kw)	\$0.03
16	Ohio Power Surplus Weighing	95.00%
17	Portion of Weighted Average Capacity Rate	
	Attributed to Sporn Plant (\$/kw) (15) X (16)	\$0.03
	Sporn Plant Costs to Kentucky Power :	
18	SpornGavin Plant Portion (\$/kw) (17)	\$0.03
19	Kentucky Power Capacity Deficit (kw)	478,100
	Sporn Plant Environmental Cost to Kentucky Power (18) * (19)	
20	(ES FORM 3.14, Page 1 of 10, Line 7)	\$14,343
	· · ·	

ES FORM 3.14 Page 10 of 11 INTAL SURCHARGE REPORT

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT INDIANA MICHGAN POWER COMPANY (I&M) - ROCKPORT PLANT (UNITS 1 & 2)

For the Expense Month of May 2007

NO. (1)		Plant	UNIT 1	UNIT 2	LOT AL
	COST	Common	AMOUNTS	AMOUNTS	101AL
5	(2)	(3)	(4)	(2)	(9)
	Itility Plant at Original Cost	\$1,776,759	\$10,544,676	\$16,709,416	
	Member Primary Capacity Investment Rate (16.44% / 12)	1.37%	1.37%	1.37%	
3 To	Total Rate Base	\$24,342	\$144,462	\$16'977¢	
õ	Operations :	Ç	ç	C.	
_	Urea (5020002)		D C		
5	Frona (5020003)	- 40 - 40 EOD			
		\$12 500	3	03	
	lotal Uperations (4) + (0) + (0)				
	Maintence (510000)	\$0	D\$	\$0	
6 2 0 0		0.9	20	뎼	
		\$12 500	\$0	\$0	
		2021212	Ĭ	1	
5 <u>-</u> ;	l otal Kevenue Kequirement. Cost Associated with Rocknort Plant (3) + (10)	\$36,842	\$144,462	\$228,919	
	ndiana Minhiaran Power Company's Percentane Ownership	50%	85,00%	65,08%	
	I&M's Share of Cost Associated with Rockport Plant (11) X (12)	\$18,421	\$122,793	\$148,980	
	Total Declarit Commun and Linits 1 & 2				\$290,194
±					
15 Ir	ndlana Michigan Power Company Steam Capacity (kw)				5,101,000
	Rockport Plant (\$/kw) (14) / (15)				90.U\$
×	Kentucky Power Portion of Rockport Plant /				5 00%
	Indiana Michigan Powar Surplus Weighing				
18 18	Portion of Weighted Average Capacity Rate				\$0.00
	Auriputed to rockpoin Frank (wrwy) (17) // (19) Rocknort Plant Costs to Kentucky Power :				
19 R	Rockport Plant Portion (\$/kw) (18)				\$0.00
	Kentucky Power Capacity Deficit (kw)				<u>4/6, luu</u>
					\$0
21	(ES FORM 3.14, Page 1 of 10, Line b)				

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KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT INDIANA MICHGAN POWER COMPANY (I&M) - TANNERS CREEK (UNITS 1, 2, 3 & 4)

LINE NO.	COST	AMOUNTS
1 2 3	Utility Plant at Original Cost Member Primary Capacity Investment Rate (16.44% / 12) Total Rate Base	\$98,094,163 <u>1.37%</u> \$1,343,890
4 5 6 7	Operations : Urea (5020002) Trona (5020003) Air Emission Fee Total Operations (4) + (5) + (6)	\$0 \$0 <u>\$12,500</u> \$12,500
8 9 10	Maintenance : SCR Maintenance (5120000) 1/2 of Maintenance (8) * 50% Fixed O&M (7) + (9) Total Revenue Requirement,	\$0 <u>\$0</u> <u>\$12.500</u>
11 12 13	Cost Associated with Tanners Creek Plant (3) + (10) Indiana Michigan Power Company's Percentage Ownership I&M's Share of Cost Associated with Tanners Creek Plant (11) X (12)	<u>\$1,356,390</u> 100.00% \$1,356,390
14 15	Indiana Michigan Power Company Steam Capacity (kw) Tanners Creek Plant (\$/kw)	5,101,000 \$0.27 5,00%
16 17	Indiana Michigan Power Surplus Weighing Portion of Weighted Average Capacity Rate Attributed to Rockport Plant (\$/kw) (15) X (16) Tanners Creek Plant Costs to Kentucky Power :	\$0.01
18 19	Tanners Creek Plant Portion (\$/kw) (17) Kentucky Power Capacity Deficit (kw) Tanners Creek Plant Environmental Cost to Kentucky Power (18) * (19)	\$0.01 <u>478,100</u>
20	(ES FORM 3.14, Page 1 of 10, Line 9)	\$4,781

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

For the Expense Month of May 2007

LINE NO.	Component	Balances	Cap. Structure	Cost Rates		WACC (Net of Tax)	GRCF		WACC (PRE-TAX)
		As of 12/31/2005							
1 2 3	L/T DEBT S/T DEBT ACCTS REC FINANCING	\$487,964,000 \$6,040,631 \$32,348,353	55.819% 0.691% 3.700%	5.835% 4.490% 3.888%		3.26% 0.03% 0.14%			3.26% 0.03% 0.14%
4	CEQUITY	\$347,841,406	39.790%	10.500%		4.18%	1.6073	2/	6.72%
5	TOTAL	\$874,194,390	100.000%			7.61%	-		10.15%
1/	WACC = Weig Rate of Return								
2/	Gross Revenue Appendix C Ca								
1 2	OPERATING F	REVENUE BLE ACCOUNTS	S EXPENSE (0.4	47%)			100.0000 0.4700		
3 4		BLE PRODUCTION NE TAX EXPENS					99.5300 6.2203		
5 6	FEDERAL TAX	(ABLE PRODUC ON PHASE-IN	TION INCOME	BEFORE 199 D	EDL	ICTION	93.3097 0.0000		
7 8		ABLE PRODUC		9 DEDUCTION	(35%	6)	93.3097 32.6584		
9	AFTER-TAX P	RODUCTION IN	COME				_60. <u>6513</u>		
10 11 12 13	AFTER-TA 199 DEDU	ACTOR FOR PRI IX PRODUCTION ICTION PHASE- ICTIBLE ACCOU	N INCOME				60.6513 0.0000 0.4700		
14	TOTAL GROS	S-UP FACTOR F	OR PRODUCT	ION INCOME (F	ROU	NDED)	61.1213		
15 16 17 18	BLENDED FEC FEDERAL STATE (LI BLENDED TA)	NE 4)	TE TAX RATE:				32.6584 6.2203 38.8787		
19	GROSS REVE	NUE CONVERS	ION FACTOR (100.0000 / Line '	14).		1.6361		
1 2	PRE-TAX I	IE TAX CALCUL PRODUCTION II IBLE ACCOUNT	NCOME	20%)			100,0000 0,4700		
3 4		XABLE PRODUC		BEFORE 199 I	DED	UCTION	99.5300 0.0000		
5 6		XABLE PRODUC		BEFORE 199 I	DED	UCTION	99.5300 6.2500		
7	STATE INC	COME TAX EXP	ENSE (LINE 5 X	LINE 6)			6.2203		

The WACC (PRE - TAX) value on Line 5 is to be recorded on ES FORM 3.10, Line 9.

Mointed Auerone Cost of Cantial Balances As of 12/31/2005 based on Case No. 2006-00128, dated January 31, 2007.

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

For the Expense Month of May 2007

	_			200																8		
		Total	(8)																	\$48,438		
Total	Units	18.2	(1)					\$10 445 733		1.0283%	\$107,413	\$39,968	\$0	\$39,968		\$141,381	\$44,214					
	Unit	No. 2	(6)			\$6,353,084	(\$904,866)	\$990,411)	40' 104'		<u> </u>	\$24,502	\$0			•						
	Unit	No. 1	(5)			\$5,272,657	(\$646,865)	(\$637,866)	\$3'881'870			\$15.466	\$0									
Decknort	Plant	Common	(4)		\$1 778 7E0	AU, 10, 105	(\$626,177)	(\$134,231)	\$1,016,351	1.0283%	\$10,451	\$5,212	\$12,500	\$17,712	-	\$28,163	\$4,224	-				
			(3)						1000001	12.3398%												
		COST COMPONENT		Return on Rate Base :	Rockport Plant Continuous Environmental Monitoring System (CEMS)	Utility Plant at Original Cost	Less Accumulated Depreciation	Less Accum. Def. Income Taxes	Total Rate Base	Weighted Average Cost of Capital, - ES FORM 3.21	Monthiy veryined Avg. Cost of Capital (Line 2 * 12) Monthiv Return of Rate Base (Line 5 * Line 7)	Operating Expenses :	Monthly Depreciation Expense	Molituity intuitia Ani Ethiosophis ree Total Operating Expenses (Line 9 + Line 10))	Total Revenue Requirement. Cost Associated with Rockport Plant	CEMS and LNB (Line 8 + Line 11)	Kentucky Power's Portion of Rockport's CEMS (Line 12 * 15%) Kontrow Power's Portion of AEGCo's LNB (Line 12 * 30%)	Kentucky Power's Portion of Rockport Plants'	Total Revenue Requirement. (Column 4, Line 13 + Column 7, Line 14)	Note: Cost In Column 8, Line 15 is to be Recorded on		
	L					 (n n	4	ŝ	ωŀ	~ @	C	רא ק קיר כי	2 5		12	13	<u>+</u>		L	<u>ព</u>	
																		-				

With each monthly filing, attach a schedule similar to Exhibit EKW-2, page 11 of 11 (Wagner Direct Testimony in Case No. 96-489), showing the calculation of the Weighted Average Cost of Capital. These calculations should reflect the provisions of the Rockport Unit Power Agreement, and be as of the Current Expense Month.

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KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT ROCKPORT UNIT POWER AGREEMENT COST OF CAPITAL

For the Expense Month of May 2007

LINE NO.	Component	Balances	Cap. Structures	Cost Rates		WACC (NET OF TAX)	GRCF		WACC (PRE - TAX)
		As of 05/31/2007							
1 2 3	L/T DEBT S/T DEBT CAPITALIZATION OFFSETS	44,840,076 19,317,649 0	36,7796% 15.8451% 0.0000%	4.9099% 5.3513% 5.0428%		1.8058% 0.8479% 0.0000%	÷		1.8058% 0.8479% 0.0000%
4 5	DEBT C EQUITY	57,757,970	47,3753%	12.1600%	1/	5,7608%	1.681379	2/	9.6861%
6	TOTAL	121,915,695	100.0000%			8.4145% ========			12.3398% ========
1/	WACC = Weighted Cost Rates per the	Provisions of the	e Rockport Unit	C C	nt	-			
2/ 1 2 3 4	OPERATING REVE LESS: INDIANA A (LINE 1 X .085 INCOME BEFORE	ENUE .DJUSTED GRC ')	-	tion:			100.00 <u>8.500</u> 91.500		
5 6 7 8 9	LESS: FEDERAL (LINE 4 X .35) OPERATING INCO GROSS REVENUE FACTOR (10)	ME PERCENTA	GE				<u>32.025</u> 59.475 <u>1.681379</u>		

-

The WACC (PRE - TAX) value on Line 6 is to be recorded on ES FORM 3.20, Line 5.

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT MONTHLY REVENUES, JURISDICTIONAL ALLOCATION FACTOR, and OVER/(UNDER) RECOVERY ADJUSTMENT

For the Expense Month of May 2007

SCHEDULE OF MONTHLY REVENUES

Line No.	Description	Monthly Revenues	Percentage of Total Revenues
1	Kentucky Retail Revenues	\$28,451,204	67.8%
2	FERC Wholesale Revenues	\$478,578	. 1.1%
3	Associated Utilities Revenues	\$2,964,559	7.1%
4	Non-Assoc. Utilities Revenues	\$10,070,744	24.0%
5	Total Revenues for Surcharges Purposes	\$41,965,085	100.0%
6	Non-Physical Revenues for Month	\$271,951	
7	Total Revenues for Month	\$42,237,036	

The Kentucky Retail Monthly Revenues and Percentage of Total Revenues (Line 1) are to be recorded on ES FORM 1.00, Lines 9 and 4. The Percentage of Kentucky Retail Revenues to the Total Revenues for the Expense Month will be the Kentucky Retail Jurisdictional Allocation Factor.

OVER/(UNDER) RECOVERY ADJUSTMENT

Line No.	Description	Amounts
1	Kentucky Retail Surcharge Factor for March 2007	-1.1149%
2	Kentucky Retail Revenues for Current Expense Month	\$23,784,196
3	Surcharge Collected (1) * (2)	(\$265,170)
4	Surcharge Amount To Be Collected	(\$433,979)
5	Over/(Under) Recovery (3) - (4) = (5)	\$168,809

The Over/(Under) Recovery amount is to be recorded on ES FORM 1.00, LINE 6.

NOTE : The sign on LINE 5 of ES FORM 3.30 will be changed on LINE 6 of ES FORM 1.00 in order to properly adjust the collection of the current month's expense.

ALL-STATE LEGAL SUPPLY CO., 1-800-222-0510 ED11 RECYCLED

KPSC Case No. 2006-00507 Letter Dated October 10, 2007 Attachment 6 Page 1 of 1

