



AEP America's Energy Partner

Date January 6, 2005  
Subject East Interchange Power Statement and Related Data  
From R. L. Reed  
To See Distribution List

Enclosed is the East Interchange Power Statement and Related Data, issued pursuant to the AEP Interconnection Agreement, indicating actual data for the month of **November 2004**.

R. L. Reed

Enclosures

cc:

T. M. Dooley	- Arena3	J. Geels	- Arena3
L. L. Dieck	- Arena4	J. V. Gilbert	- Arena4
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T. R. Myers	- Arena4	K. D. Pearce	- Arena4
R. P. Quaintance	- Arena4	D. B. Roberts	- Arena4
D. L. Woodruff	- Arena4	B. X. Tierney	- Arena5
C. E. Zebula	- Arena5	J. C. Baker	- 1RP23
K. W. Potts	- 1RP23	Deloitte & Touche	- 1RP26
J. H. Reif	- 1RP26	A. M. Wallace	- 1RP26
R. E. Munczinski	- 1RP28	W. S. Robinson	- 1RP28
O. J. Sever	- 1RP28	J. Sloat	- 1RP28
S. C. Weaver	- 1RP28	K. E. Walker	- 1RP30
D. E. Richey	- Canton	D. Waldo	- Charleston
K. Curry	- Ft. Wayne	M. P. Ryan	- Ft. Wayne
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T. L. Stephens	- Richmond	R. G. Ronk	- Roanoke

ACTUAL

INTERCHANGE POWER STATEMENT  
FOR THE MONTH OF  
NOVEMBER 2004

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STATEMENT OF SETTLEMENT TO BE MADE  
FOR ELECTRIC POWER AND ENERGY RECEIVED AND DELIVERED  
APPLICABLE TO NOVEMBER 2004 BUSINESS

Pursuant to the Interconnection Agreement, dated July 6, 1951,

as Amended

by and among

Appalachian Power Company (APCo),

Columbus Southern Power Company (CSP),

Indiana Michigan Power Company, (I&M),

Kentucky Power Company (KPCo),

Ohio Power Company (OPCo),

and with

American Electric Power Service Corporation

as Agent.

Prepared by:

AEP Energy Services  
Wholesale Commercial Accounting Group

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			MWh		(\$)	
(SOURCE: PAGE 2)			MEMBER RECEIVED FROM POOL	MEMBER DELIVERED TO POOL	AMOUNT DUE TO AGENT (CHARGE)	AMOUNT DUE FROM AGENT (CREDIT)
I.	ACTUAL	APCO	1,704,585	535,625	34,785,042	10,645,490
	BILLING	KPCO	320,035	151,782	6,848,849	2,620,938
	AMOUNT	I&M	461,598	1,049,112	8,440,639	21,041,874
		OPCO	346,382	1,978,209	6,807,667	46,757,002
		CSP	1,157,827	275,699	29,520,100	5,336,993
		TOTAL	3,990,427	3,990,427	86,402,297	86,402,297
II.	PREVIOUSLY	APCO	1,697,937	527,455	34,488,061	10,556,656
	ESTIMATED	KPCO	318,020	149,064	6,796,671	2,472,322
	BILLING	I&M	455,440	1,046,433	8,246,128	20,591,431
	AMOUNT	OPCO	331,928	1,963,139	6,507,087	47,146,312
		CSP	1,108,886	226,120	28,996,551	4,267,777
		TOTAL	3,912,211	3,912,211	85,034,498	85,034,498
III.	ADJUSTMENT	APCO	6,648	8,170	296,981	88,834
	TO BE BOOKED	KPCO	2,015	2,718	52,178	148,616
	NEXT MONTH	I&M	6,158	2,679	194,511	450,443
	(I - II)	OPCO	14,454	15,070	300,580	(389,310)
		CSP	48,941	49,579	523,549	1,069,216
		TOTAL	78,216	78,216	1,367,799	1,367,799
IV.	ADJUSTMENT FOR TRANSMISSION	APCO			11	0
	SERVICE (PURCHASES) TO BE	KPCO			3	0
	BOOKED NEXT MONTH	I&M			1,207	0
	(SEE APPENDIX VI)	OPCO			0	1,227
		CSP			6	0
		TOTAL			1,227	1,227
V.	ADJUSTMENT TO ALLOCATION OF	APCO			468,880	0
	TRADING & MARKETING REALIZATION	KPCO			110,041	0
	TO BE BOOKED NEXT MONTH	I&M			301,586	0
	(SEE PAGE 68)	OPCO			376,629	0
		CSP			269,718	0
		West. AEP			0	1,526,854
		TOTAL			1,526,854	1,526,854
VI.	ADJUSTMENT FOR PJM CHARGES	APCO			3,668,297	0
	TRANSFERRED FROM	KPCO			860,901	0
	MARKET TO AEE (NON-ECR)	I&M			2,359,445	0
	TO BE BOOKED NEXT MONTH	OPCO			2,946,558	0
	(SEE APPENDIX IX)	CSP			2,110,146	0
		East. AEP (Co. 28)			0	11,945,347
		TOTAL			11,945,347	11,945,347
VII.	ADJUSTMENT FOR PJM CHARGES	APCO			0	1,339,815
	(NON-ECR) FROM INVOICE	KPCO			0	314,437
	TO BE BOOKED NEXT MONTH	I&M			0	861,768
	(SEE APPENDIX IX)	OPCO			0	1,076,206
		CSP			0	770,713
		East. AEP (Co. 28)			4,362,939	0
		TOTAL			4,362,939	4,362,939
VIII.	ADJUSTMENT FOR OFFSET OF	APCO			0	2,744,674
	BUCKEYE PASS-THROUGH CHARGES	KPCO			0	644,139
	ASSOCIATED WITH PJM	I&M			0	1,765,371
	TO BE BOOKED NEXT MONTH	OPCO			0	2,204,660
	(SEE APPENDIX X)	CSP			0	1,578,843
		East. AEP (Co. 28)			8,937,687	0
		TOTAL			8,937,687	8,937,687

		(\$)	
		AMOUNT DUE TO AGENT (CHARGE)	AMOUNT DUE FROM AGENT (CREDIT)
IX. ADJUSTMENT FOR BUCKEYE SHARE OF PJM CONGESTION CHARGES TO BE BOOKED NEXT MONTH (SEE APPENDIX X)	APCO	0	40,610
	KPCO	0	9,530
	I&M	0	26,120
	OPCO	0	32,620
	CSP	0	23,361
	East. AEP (Co. 2B)	132,241	0
	TOTAL	132,241	132,241
X. ACTUAL THIS MONTH (SEE APPENDIX VI) (Net amounts due System Agent to effect sharing by MLR in revenues and cost of purchases for AEP System cash-settled transactions)	APCO	0	24,777,510
	KPCO	0	5,814,955
	I&M	0	15,936,878
	OPCO	0	19,902,507
	CSP	0	14,253,005
	East. AEP (Co.122)	80,684,855	0
	TOTAL	80,684,855	80,684,855
XI. ESTIMATED THIS MONTH (SEE APPENDIX VI)	APCO	0	24,563,330
	KPCO	0	5,764,683
	I&M	0	15,799,123
	OPCO	0	19,730,479
	CSP	0	14,129,807
	East. AEP (Co.122)	79,987,422	0
	TOTAL	79,987,422	79,987,422
XII. ADJUSTMENT TO BE MADE NEXT MONTH	APCO	0	214,180
	KPCO	0	50,272
	I&M	0	137,755
	OPCO	0	172,028
	CSP	0	123,198
	East. AEP (Co.122)	697,433	0
	TOTAL	697,433	697,433

NOTE: This statement provides amounts to be booked in accounts 555 and 447 and the settlement through the System Pool Account Agent.

SYSTEM ACCOUNT  
RECAPITULATION OF CAPACITY, ENERGY, AND OTHER CHARGES

			CAPACITY (PAGE 3)		\$ CAPACITY (PAGE 3)		\$ ENERGY (PAGE 4)	
			SURPLUS/ (DEFICIT)	RATE	CHARGE	CREDIT	CHARGE	CREDIT
			KW	\$/KW	A/C 555	A/C 447	A/C 555	A/C 447
					(1)	(2)	(3)	(4)
I.	ACTUAL	APCO	(1,217,200)	8.15	9,917,385	0	24,867,657	10,645,490
	BILLING	KPCO	(220,100)	8.15	1,793,310	0	5,055,539	2,620,938
	AMOUNT	I&M	522,900	12.89	0	6,740,181	8,440,639	14,301,693
		OPCO	2,412,900	7.12	0	17,179,848	6,807,667	29,577,154
		CSP	(1,498,500)	8.15	12,209,334	0	17,310,766	5,336,993
		TOTAL			23,920,029	23,920,029	62,482,268	62,482,268
II.	PREVIOUSLY	APCO			10,178,909	0	24,309,152	10,556,656
	ESTIMATED	KPCO			1,840,600	0	4,956,071	2,472,322
	BILLING	I&M			0	6,827,301	8,246,128	13,764,130
	AMOUNT	OPCO			0	17,723,505	6,507,087	29,422,807
		CSP			12,531,297	0	16,465,254	4,267,777
		TOTAL			24,550,806	24,550,806	60,483,692	60,483,692
III.	ADJUSTMENT	APCO			(261,524)	0	558,505	88,834
	TO BE BOOKED	KPCO			(47,290)	0	99,468	148,616
	NEXT MONTH	I&M			0	(87,120)	194,511	537,563
	(I - II)	OPCO			0	(543,657)	300,580	154,347
		CSP			(321,963)	0	845,512	1,069,216
		TOTAL			(630,777)	(630,777)	1,998,576	1,998,576
					ENERGY MWh		\$ TOTAL OF ALL ABOVE	
					(PAGE 4)	(PAGE 4)	(1)+(3)	(2)-(4)
					FROM POOL	TO POOL	CHARGE	CREDIT
							(7)	(8)
I.	ACTUAL	APCO			1,704,585	535,625	34,785,042	10,645,490
	BILLING	KPCO			320,035	151,782	6,848,849	2,620,938
	AMOUNT	I&M			461,598	1,049,112	8,440,639	21,041,874
		OPCO			346,382	1,978,209	6,807,667	46,757,002
		CSP			1,157,827	275,699	29,520,100	5,336,993
		TOTAL			3,990,427	3,990,427	86,402,297	86,402,297
II.	PREVIOUSLY	APCO			1,697,937	527,455	34,488,061	10,556,656
	ESTIMATED	KPCO			318,020	149,064	6,796,671	2,472,322
	BILLING	I&M			455,440	1,046,433	8,246,128	20,591,431
	AMOUNT	OPCO			331,928	1,963,139	6,507,087	47,146,312
		CSP			1,108,886	226,120	28,996,551	4,267,777
		TOTAL			3,912,211	3,912,211	85,034,498	85,034,498
III.	ADJUSTMENT	APCO			6,648	8,170	296,981	88,834
	TO BE BOOKED	KPCO			2,015	2,718	52,178	148,616
	NEXT MONTH	I&M			6,158	2,679	194,511	450,443
	(I - II)	OPCO			14,454	15,070	300,580	(389,310)
		CSP			48,941	49,579	523,549	1,069,216
		TOTAL			78,216	78,216	1,367,799	1,367,799

CALCULATION OF MEMBER PRIMARY CAPACITY  
SURPLUS/(DEFICIT) KW AND \$ SETTLEMENT

<u>MEMBER</u>	<u>MEMBER PRIMARY CAPACITY KW (APPENDIX II) (1)</u>	<u>MEMBER LOAD RATIO (APPENDIX I) (2)</u>	<u>PRIMARY CAPACITY KW RESERVATION (SYS. KW) * (2) (3)</u>	<u>SURPLUS (DEFICIT) CAPACITY KW (4) = (1) - (3)</u>
APCO	5,899,000	0.30709	7,116,200	(1,217,200)
KPCO	1,450,000	0.07207	1,670,100	(220,100)
I&M	5,100,000	0.19752	4,577,100	522,900
OPCO	8,129,000	0.24667	5,716,100	2,412,900
CSP	2,595,000	0.17665	4,093,500	(1,498,500)
<b>TOTAL</b>	<b>23,173,000</b>	<b>1.00000</b>	<b>23,173,000</b>	

MEMBER CAPACITY \$ SETTLEMENT

<u>MEMBER</u>	<u>SURPLUS (DEFICIT) CAPACITY KW (1)</u>	<u>CAPACITY RATE \$/kW * (2)</u>	<u>CREDIT (CHARGE) ** \$ (3)</u>
APCO	(1,217,200)	***** + *****	(9,917,385)
KPCO	(220,100)	***** + *****	(1,793,310)
I&M	522,900	8.75 + 4.14	6,740,181
OPCO	2,412,900	5.18 + 1.94	17,179,848
CSP	(1,498,500)	***** + *****	(12,209,334)

EQUALIZATION CAPACITY RATE: 8.1477038627

(This is the average \$/kW rate paid by deficit members.)

NOTES:

\* The sum of the Member's Primary Capacity Investment Rate (Appendix III) and the Member's Capacity Fixed Operating Rate (Appendix IV & V) applicable to Members having a Member Primary Capacity Surplus.

\*\* Credits should be recorded in Account 447, Sales for Resale.  
Charges should be recorded in Account 555, Purchased Power.

SYSTEM ACCOUNT  
SUMMARY OF ENERGY SETTLEMENT

		MWH		\$	
		RECEIVED FROM POOL	DELIVERED TO POOL	CHARGE MEMBER A/C 555	CREDIT MEMBER A/C 447
		(MLR SHARE)	(AS SUPPLIED)	(MLR SHARE)	(AS SUPPLIED)
<b>I. AEP EXTERNAL ENERGY</b>					
ENERGY COST	APCO	1,183,015	1,177,550	31,187,651	32,336,104
RECOVERY AND MLR	KPCO	280,561	213,059	7,319,333	6,016,887
ALLOCATION FOR ALL	I&M	759,227	449,497	20,059,868	14,575,744
AEP SYSTEM	OPCO	943,693	1,429,908	25,051,477	32,379,720
DELIVERIES TO	CSP	670,703	567,185	17,940,339	16,250,213
NON-AFFILIATED COS.	AEP	3,837,199	3,837,199	101,558,668	101,558,668
ADJUSTMENT TO	APCO	(642,342)	(642,342)	(21,727,456)	(21,727,456)
PREVENT RECOGNITION	KPCO	(103,974)	(103,974)	(4,141,399)	(4,141,399)
OF SALES BY POOL	I&M	(298,205)	(298,205)	(11,666,955)	(11,666,955)
MEMBERS TO	OPCO	(597,808)	(597,808)	(18,289,639)	(18,289,639)
THEMSELVES	CSP	(291,721)	(291,721)	(10,934,413)	(10,934,413)
(PAGE 7)	AEP	(1,934,050)	(1,934,050)	(66,759,862)	(66,759,862)
SUBTOTAL	APCO	540,673	535,208	9,460,195	10,608,648
AEP EXTERNAL	KPCO	176,587	109,085	3,177,934	1,875,488
ENERGY	I&M	461,022	151,292	8,392,913	2,908,789
	OPCO	345,885	832,100	6,761,838	14,090,081
	CSP	378,982	275,464	7,005,926	5,315,800
	AEP	1,903,149	1,903,149	34,798,806	34,798,806
<b>II. INTERNAL ENERGY AMONG POOL MEMBERS</b>					
PRIMARY	APCO	1,163,912	0	15,407,462	0
ENERGY	KPCO	143,448	42,597	1,877,605	736,803
(PAGE 8)	I&M	20	897,688	270	11,380,888
	OPCO	0	1,145,940	0	15,472,486
	CSP	778,845	0	10,304,840	0
	AEP	2,086,225	2,086,225	27,590,177	27,590,177
ECONOMY	APCO	0	0	0	0
ENERGY	KPCO	0	0	0	0
(PAGE 9)	I&M	0	0	0	0
	OPCO	0	0	0	0
	CSP	0	0	0	0
	AEP	0	0	0	0
<b>III. TOTAL SYSTEM ACCOUNT ENERGY</b>					
(I + II)	APCO	1,704,585	535,625	24,867,657	10,645,490
	KPCO	320,035	151,782	5,055,539	2,620,938
	I&M	461,598	1,049,112	8,440,639	14,301,693
	OPCO	346,382	1,978,209	6,807,667	29,577,154
	CSP	1,157,827	275,699	17,310,766	5,336,993
	AEP	3,990,427	3,990,427	62,482,268	62,482,268

NOTE: (\*) Source of data is "Summary - System Account Settlement for AEP System Deliveries" in the ECR#MLR report. The MWh and \$ CREDIT AMOUNTS labeled "As Supplied" correspond to the MWh and COST columns associated with the "Total All Source Allocation". The MWh and \$ CHARGE AMOUNTS labeled "MLR SHARE" correspond to the MWh and COST columns associated with the "Total All MLR Allocation". Not included are any demand charge portions of purchased power out-of-pocket costs allocated to AEP System deliveries (such demand costs would have no net effect in the System Account because they are incurred and allocated in identical MLR proportion, thus netting zero). Also, see NOTE (1), page 6.



SYSTEM ACCOUNT  
 RECONCILIATION OF INTERRUPTIBLE CUSTOMERS  
 BUY-THROUGH ALLOCATION OR INTERNAL CUSTOMERS IN GENERAL  
 WHEREBY POOL ENERGY IS SPECIFICALLY ALLOCATED

		MWH		\$	
		RECEIVED FROM POOL	DELIVERED TO POOL (AS SUPPLIED)	CHARGE MEMBER A/C 555	CREDIT MEMBER A/C 447 (AS SUPPLIED)
<b>I. AEP POOL ENERGY *</b>					
ENERGY AND ENERGY	APCO	0	417	0	36,842
COST RECOVERY	KPCO	0	100	0	8,647
ALLOCATED TO	I&M	556	132	47,456	12,016
SPECIAL SERVICE	OPCO	497	169	45,829	14,587
CUSTOMERS	CSP	0	235	0	21,193
	AEP	<u>1,053</u>	<u>1,053</u>	<u>93,285</u>	<u>93,285</u>
PREVIOUSLY	APCO	0	414	0	37,179
ESTIMATED	KPCO	0	104	0	8,725
AMOUNT	I&M	554	130	47,819	12,144
	OPCO	497	168	46,315	14,699
	CSP	0	235	0	21,387
	AEP	<u>1,051</u>	<u>1,051</u>	<u>94,134</u>	<u>94,134</u>
ADJUSTMENT	APCO	0	3	0	(337)
TO BE BOOKED	KPCO	0	(4)	0	(78)
NEXT MONTH	I&M	2	2	(363)	(128)
	OPCO	0	1	(486)	(112)
	CSP	0	0	0	(194)
	AEP	<u>2</u>	<u>2</u>	<u>(849)</u>	<u>(849)</u>

N 3: (\*) Figures on this page are carried on to "Total System Account Energy", Item III, page 4.

AEP SYSTEM DELIVERIES TO OTHER COMPANIES  
RECONCILIATION OF SYSTEM ACCOUNT COST EQUALIZATION  
TOTAL AND NET REVENUES

Cost Equalization for AEP System Deliveries  
in the System Account (Page 4, Item 1)

	CHARGE MEMBER (MLR * COL. 2 TOT.) (\$) (1)	CREDIT MEMBER (1) COST RECOVERY (\$) (2)	CREDIT MEMBER (2) SYSTEM SALES REVENUES (\$) (3)	EXCESS OF REVENUE OVER ENERGY COSTS (\$) (4)=(3)-(1)
APCO	31,187,651	32,336,104	40,064,692	8,877,041
KPCO	7,319,333	6,016,887	9,402,652	2,083,319
I&M	20,059,868	14,575,744	25,769,575	5,709,707
OPCO	25,051,477	32,379,720	32,181,929	7,130,452
CSP	17,940,339	16,250,213	23,046,775	5,106,436
TOTAL	101,558,668	101,558,668	130,465,623	28,906,955

	DEMAND CHARGE PAID TO THIRD PARTIES (\$) (5)	NET REVENUE REALIZED BY THE MEMBERS (I.E., EXCESS OF REVENUE OVER INCURRED COSTS) (\$) (6)=(4)-(5)	(MLR) MEMBER LOAD RATIO THIS MONTH (7)
APCO	386,979	8,490,062	0.30709
KPCO	90,819	1,992,500	0.07207
I&M	248,904	5,460,803	0.19752
OPCO	310,841	6,819,611	0.24667
CSP	222,605	4,883,831	0.17665
TOTAL	1,260,148	27,646,807	1.00000

## NOTES:

(1) The variable energy costs, which are incurred by the members in supplying energy for AEP System deliveries to non-affiliated companies are recovered as credits. Includes adjustment to account for the difference between market price of \$566.80/ton for SO2 emission allowance used in dispatch versus operating companies inventory costs (see page 11).

(2) The total of the credits reported in the ECR#MLR report for System Sales for Resale (A/C 447).

RECONCILIATION OF ALLOCATION OF TRADING AND MARKETING REALIZATIONS (Schedule D3)

BASE YEAR REALIZATION:		AEP % SHARING RATIO	
EASTERN AEP:	\$252,860,378	90.97%	(1)
WESTERN AEP:	\$25,095,575	9.03%	(2)
TOTAL:	\$277,955,953	100.00%	

CAPACITY REALIZATION:		AEP % SHARING RATIO	
EASTERN AEP:	24,634,000	71.22%	(1)
WESTERN AEP:	9,956,000	28.78%	(2)
TOTAL:	34,590,000	100.00%	

	NET REVENUE REALIZED BY THE MEMBERS (Page 6, Col. 6)	ADJUSTMENT TO NET REVENUE FOR SO2 ALLOWANCES (\$ x MLR) (3)	NET REVENUE FROM DEDICATED TRANSACTIONS (EXCLUDABLE) (Appx VIII, Pg 6) (\$ x MLR) (4)	THIRD PARTY TRANSMISSION PURCH. (Appendix VI, Pg 2) (\$)	OFF SYSTEM ENERGY SALES (Appendix VII, Pg 1) (\$)	BOOKOUT MARGIN RECLASSIFICATION (Appendix VIII, Pg 7) (\$ x MLR) (5)	EXERCISED OPTION PREMIUMS (Appendix VIII, Pg 7) (\$)	BEE & PEPCO ENERGY PURCHASE/SALE (Appendix VII, Pg 3) (\$)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APCO	8,490,062	34,425	1,027,943	41,223	3,243,176	1,977,814	(167,401)	59,167
WPCO	1,992,500	8,079	241,245	9,838	761,131	370,292	(59,287)	13,886
I&M	5,460,803	22,142	661,172	26,964	2,086,008	1,014,816	(107,672)	38,055
OPCO	6,819,611	27,652	825,695	33,674	2,603,080	1,267,379	(134,465)	47,529
CSP	4,883,831	19,802	591,312	24,114	1,865,599	907,619	(96,295)	34,034
TOTAL	27,646,807	112,100	3,347,367	136,513	10,260,994	5,137,952	(\$45,120)	192,667

	EXERCISED OPTIONS (Appendix VII, Pg 1) (\$)	POWER BROKERS' COMMISSIONS (Appendix VII, Pg 2) (\$)	POWER SWAPS NET (Appendix VII, Pg 3) (\$)	FINANCIAL SPARK GAS (Appendix VIII, Pg 7) (\$)	DOW PURCHASES ASSOCIATED (Appx VIII, page 7) (\$)	DOW SALES ASSOCIATED (Appx VIII, page 7) (\$)	PJM CHARGES & CREDITS (Appx IX) (\$)	
	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
APCO	(320,077)	(62,574)	332,730	(1,077,359)	(209,755)	0	30,682	
WPCO	(75,118)	(14,686)	78,087	(252,842)	(49,227)	0	7,194	
I&M	(203,872)	(40,251)	214,012	(692,956)	(134,914)	0	19,716	
OPCO	(237,101)	(50,275)	267,265	(665,389)	(168,485)	0	24,622	
CSP	(184,120)	(36,004)	191,399	(619,739)	(120,659)	0	17,632	
TOTAL	(1,042,288)	(201,790)	1,083,493	(3,308,285)	(683,040)	0	99,816	

	NET OF ALL OF ABOVE (\$)	PRIOR MONTHS' TOTAL REALIZATION (\$)	TOTAL
	(16)-(1)-(2)-(3)-(4)-(5)-(6)-(7)-(8)-(9)-(10)-(11)-(12)-(13)-(14)-(15)		
APCO	10,860,994	51,735,465	456,489,413
WPCO	2,348,926	41,832,275	
I&M	6,985,783	23,594,999	
OPCO	8,724,090	38,259,036	
CSP	6,247,673	45,914,775	
EASTERN AEP REALIZATION:	35,357,426	73,096,145	
LESS TRACTEEL SALE:	0	77,496,934	
PARIBAS SPARK GAS FUTURES (Eent):	(7,772,213)	62,938,917	
REPCO FUTURES (Eent):	(2,223,921)	35,407,665	
WESTERN AEP REALIZATION:	(10,990,527)	6,213,600	
TOTAL REALIZATION TO BE SHARED:	15,280,745		

NOTES:  
 (1) From Appendix VIII, page 1  
 (2) From Appendix VIII, page 4  
 (3) Adjustment for realization sharing due to calculation of SO2 allowances for pool settlement purposes (actual cycle only).  
 (4) Excluding demand charge for Unit Power  
 (5) Margin reclassified between trading and non-trading due to non-trading transactions being booked out with trading transactions.

ALLOCATION OF REALIZATION SHARING BY EASTERN AEP OPERATING COMPANIES AND ACCOUNT NUMBERS

	BASE YEAR REALIZATION SHARING	CAPACITY REALIZATION SHARING	TOTAL SHARE
EASTERN AEP:	90.97% x 0 = \$0.	71.22% x 15,280,765 = \$10,882,520	\$10,882,520
WESTERN AEP:	9.03% x 0 = \$0	28.78% x 15,280,765 = \$4,398,245	\$4,398,245
			\$15,280,765

EASTERN AEP REALIZATION (Including Misc. Items): \$25,371,292  
 LESS EASTERN AEP REALIZATION SHARE: \$10,882,520

TOTAL DOLLAR TRANSFER FROM EASTERN AEP TO WESTERN AEP: \$14,488,772

ALLOCATION OF REALIZATION SHARING BY EASTERN AEP OPERATING COMPANIES AND ACCOUNT NUMBERS

(1)

CURRENT MONTH ACTUAL

	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.
APCO	4470.010	4470.006	4470.011	4470.007	4470.081	4470.082	4470.088
KPCO	(51,663,217)	(54,526,597)	(1,090,980)	(993,604)	(9,602)	93,590	0
I&M	(12,124,680)	(12,796,678)	(256,039)	(233,186)	(2,253)	21,964	0
OPCO	(33,229,732)	(35,071,456)	(701,717)	(639,085)	(6,176)	60,197	0
CSP	(41,498,472)	(43,798,482)	(876,330)	(798,113)	(7,712)	75,176	0
TOTAL	(29,718,673)	(31,365,799)	(627,574)	(571,559)	(5,923)	53,837	0
	(168,234,774)	(177,559,012)	(3,552,640)	(3,235,547)	(31,266)	304,764	0

ACCOUNT NO.

	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.
APCO	5550.033 (OPCO)	4470.002	4470.089	4470.090	4470.092	4470.100	4470.098
KPCO	(60,374)	(1,633,886)	(120,941)	42	8,557	(98,416)	(30,256)
I&M	(14,169)	(383,451)	(28,383)	10	2,008	(9,016)	(7,101)
OPCO	(38,832)	(1,090,914)	(77,789)	27	5,504	(24,709)	(19,461)
CSP	(48,495)	(1,312,418)	(97,146)	34	6,874	(30,858)	(24,303)
TOTAL	(34,729)	(939,874)	(69,570)	24	4,922	(17,404)	(17,404)
	(196,599)	(5,320,543)	(393,829)	137	27,865	(125,097)	(98,525)

	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACTUAL TOTAL OF ALL ACCOUNTS	PREVIOUS ESTIMATED TOTAL	ADJUSTMENT TO BE BOOKED NEXT MONTH
APCO	4470.099	4470.106	4470.107	4470.110	4470.112	4470.035	5560.002	(4,449,355)	(3,980,475)	(468,880)
KPCO	(405)	114,041	(20,904)	6,924	(156,149)	149,539	62,417	(1,044,206)	(934,165)	(110,041)
I&M	(95)	26,764	(4,906)	1,625	(36,717)	35,095	14,648	(2,861,824)	(2,560,238)	(301,586)
OPCO	(261)	73,351	(13,445)	4,453	(100,628)	96,183	40,146	(3,573,946)	(3,197,317)	(376,629)
CSP	(326)	91,604	(16,791)	5,561	(125,668)	120,117	50,136	(2,559,441)	(2,289,723)	(269,718)
TOTAL	(1,320)	371,361	(68,070)	22,546	(509,458)	486,954	203,251	(14,488,772)	(12,961,918)	(1,526,854)

NOTE:

(1) Details of the realization sharing by account numbers is shown in Appendix VIII, page 8.

CALCULATION OF ADJUSTMENT TO PREVENT RECOGNITION OF SALES  
BY POOL MEMBERS TO THEMSELVES

## I. GENERATION SUPPLIED TO THE POOL FOR SYSTEM SALES (1)

	MWh	COST (2) (\$)	MLR (APPENDIX I)	ADJUSTMENT	
				MWh	COST (\$)
APCO	584,608	9,638,037	0.30709	179,527	2,959,745
KPCO	107,327	1,869,723	0.07207	7,735	134,751
I&M	101,825	1,555,724	0.19752	20,112	307,287
OPCO	922,646	13,899,494	0.24667	227,589	3,428,588
CSP	281,641	4,925,605	0.17665	49,752	870,108
TOTAL	1,998,047	31,888,583	1.00000	484,715	7,700,479

## II. AEG AND OVEC PURCHASES SUPPLIED FOR SYSTEM SALES (1)

	MWh	COST (\$)	MLR (APPENDIX I)	ADJUSTMENT	
				MWh	COST (\$)
APCO	187,798	5,672,246	0.30709	57,671	1,741,890
KPCO	10,230	151,429	0.07207	737	10,913
I&M	86,705	2,069,026	0.19752	17,126	408,674
OPCO	181,916	4,804,236	0.24667	44,873	1,185,061
CSP	52,924	1,530,702	0.17665	9,349	270,399
TOTAL	519,573	14,227,639	1.00000	129,756	3,616,937

## III. PURCHASED POWER SUPPLIED FOR SYSTEM SALES (3)

	AS ALLOCATED	
	MWh	COST (\$)
APCO	405,144	17,025,821
KPCO	95,502	3,995,735
I&M	260,967	10,950,994
OPCO	325,346	13,675,990
CSP	232,620	9,793,906
TOTAL	1,319,579	55,442,446

## IV. TOTAL ADJUSTMENT (I + II + III)

	TOTAL ADJUSTMENT TO PAGE 4	
	MWh	COST (\$)
APCO	642,342	21,727,456
KPCO	103,974	4,141,399
I&M	298,205	11,666,955
OPCO	597,808	18,289,639
CSP	291,721	10,934,413
TOTAL	1,934,050	66,759,862

## NOTES:

- (1) The source of the MWh and COST data is the "Allocated Sources by Operating Companies - Summary - All Deliveries - Cash" from the ECR#MLR report.
- (2) See Note (1), page 6.
- (3) Excludes OVEC and AEG purchases allocated to System Sales (shown in II above).

PRIMARY ENERGY

DELIVERING MEMBER	RECEIVING MEMBER	MWh	RECEIVED ENERGY	
			\$/MWh	CHARGE (\$)
1. KPCO	APCO	26,053	17.298	450,640
2. I&M	APCO	493,388	12.678	6,255,173
3. OPCO	APCO	644,471	13.502	8,701,649
4. CSP	APCO	0	0.000	0
5. TOTAL	APCO	1,163,912	13.238	15,407,462
6. APCO	KPCO	0	0.000	0
7. I&M	KPCO	71,882	12.678	911,320
8. OPCO	KPCO	71,566	13.502	966,285
9. CSP	KPCO	0	0.000	0
10. TOTAL	KPCO	143,448	13.089	1,877,605
11. APCO	I&M	0	0.000	0
12. KPCO	I&M	0	0.000	0
13. OPCO	I&M	20	13.502	270
14. CSP	I&M	0	0.000	0
15. TOTAL	I&M	20	13.500	270
16. APCO	OPCO	0	0.000	0
17. KPCO	OPCO	0	0.000	0
18. I&M	OPCO	0	0.000	0
19. CSP	OPCO	0	0.000	0
20. TOTAL	OPCO	0	0.000	0
21. APCO	CSP	0	0.000	0
22. KPCO	CSP	16,544	17.298	286,163
23. I&M	CSP	332,418	12.678	4,214,395
24. OPCO	CSP	429,883	13.502	5,804,282
25. TOTAL	CSP	778,845	13.231	10,304,840
26. TOTAL ALL MEMBERS RECEIVED		2,086,225	13.225	27,590,177

TOTAL DELIVERED BY MEMBER	SUM OF LINES	MWh	DELIVERED ENERGY	
			\$/MWh	CREDIT (\$)
27. APCO	6, 11, 16, & 21	0	0.000	0
28. KPCO	1, 12, 17, & 22	42,597	17.298	736,803
29. I&M	2, 7, 18, & 23	897,688	12.678	11,380,888
30. OPCO	3, 8, 13, & 24	1,145,940	13.502	15,472,486
31. CSP	4, 9, 14, & 19	0	0.000	0
32. TOTAL ALL MEMBERS DELIVERED:		2,086,225	13.225	27,590,177

SOURCE: The ECR computer program calculates Primary energy deliveries and associated charges for each hour of the month and aggregates such MWh and Charges for the month as reported above. The \$/mWh used in the hourly calculations are derived in APPENDIX V.

ECONOMY ENERGY

DELIVERING MEMBER	RECEIVING MEMBER	MWh	RECEIVED ENERGY	
			\$/MWh	CHARGE (\$)
1. KPCO	APCO	0	0.000	0
2. I&M	APCO	0	0.000	0
3. OPCO	APCO	0	0.000	0
4. CSP	APCO	0	0.000	0
5. TOTAL	APCO	0	0.000	0
6. APCO	KPCO	0	0.000	0
7. I&M	KPCO	0	0.000	0
8. OPCO	KPCO	0	0.000	0
9. CSP	KPCO	0	0.000	0
10. TOTAL	KPCO	0	0.000	0
11. APCO	I&M	0	0.000	0
12. KPCO	I&M	0	0.000	0
13. OPCO	I&M	0	0.000	0
14. CSP	I&M	0	0.000	0
15. TOTAL	I&M	0	0.000	0
16. APCO	OPCO	0	0.000	0
17. KPCO	OPCO	0	0.000	0
18. I&M	OPCO	0	0.000	0
19. CSP	OPCO	0	0.000	0
20. TOTAL	OPCO	0	0.000	0
21. APCO	CSP	0	0.000	0
22. KPCO	CSP	0	0.000	0
23. I&M	CSP	0	0.000	0
24. OPCO	CSP	0	0.000	0
25. TOTAL	CSP	0	0.000	0
26. TOTAL ALL MEMBERS RECEIVED		0	0.000	0
TOTAL DELIVERED BY MEMBER	SUM OF LINES	MWh	DELIVERED ENERGY	
			\$/MWh	CREDIT (\$)
27. APCO	6, 11, 16, & 21	0	0.000	0
28. KPCO	1, 12, 17, & 22	0	0.000	0
29. I&M	2, 7, 18, & 23	0	0.000	0
30. OPCO	3, 8, 13, & 24	0	0.000	0
31. CSP	4, 9, 14, & 19	0	0.000	0
32. TOTAL ALL MEMBERS DELIVERED:		0	0.000	0

SOURCE: The ECR computer program calculates for each hour of the month the MWh of ECONOMY deliveries and the associated charges and credits based upon an equal sharing of the savings in production expense, then aggregates such hourly data for the month to arrive at the totals reported above.

AEP SYSTEM  
ALLOWANCES CONSUMED FOR SALES  
TO NON-AFFILIATED SYSTEMS (a)

		GENERATION ALLOCATED TO SALES TO NON-AFFILIATED SYSTEMS (MWh)	TOTAL GENERATION (MWh)	SYSTEM SALES ALLOCATION FACTOR	SO2 EMISSION ALLOWANCES (b)	SO2 EMISSION ALLOWANCES EXPENDED FOR SYSTEM SALES (5)=(3)*(4)
		(1)	(2)	(3)=(1)/(2)	(4)	(5)=(3)*(4)
PCO	AMOS 1	101,599	474,290	0.2142	2,980	638.3542
	AMOS 2	100,511	487,794	0.2061	3,079	634.4346
	AMOS 3	93,166	281,830	0.3306	1,673	553.0523
	CLINCH RIVER 1	45,727	115,615	0.3955	627	247.9854
	CLINCH RIVER 2	29,581	77,740	0.3805	463	176.1770
	CLINCH RIVER 3	44,714	106,378	0.4203	597	250.9378
	GLEN LYN 51	1,682	12,091	0.1391	90	12.5230
	GLEN LYN 52	1,664	11,956	0.1391	89	12.3838
	GLEN LYN 6	39,728	100,377	0.3958	456	180.4793
	KANAWHA RIVER 1	20,264	74,549	0.2718	460	125.0378
	KANAWHA RIVER 2	25,708	82,069	0.3132	490	153.4918
	MOUNTAINEER 1	8,588	32,486	0.2644	172	45.4699
	SPORN 1	31,800	70,242	0.4527	456	206.4406
	SPORN 3	26,321	53,837	0.4889	412	201.4275
		TOTAL	571,053	1,981,254	0.2882	12,044
PCO	BIG SANDY 1	54,581	137,290	0.3976	1,057	420.2208
	BIG SANDY 2	52,746	244,457	0.2158	1,720	371.1210
	ROCKPORT 1 (AEG)	4,072	122,426	0.0333	304	10.1113
	ROCKPORT 2 (AEG)	6,158	129,352	0.0476	321	15.2817
		TOTAL	117,557	633,525	0.1856	3,402
WM	ROCKPORT 1	13,598	408,187	0.0333	1,014	33.7795
	ROCKPORT 1 (AEG)	9,507	285,684	0.0333	709	23.5941
	ROCKPORT 2	13,810	255,260	0.0541	634	34.3005
	ROCKPORT 2 (AEG)	14,366	301,570	0.0476	748	35.6327
	TANNERS CREEK 1	17,083	56,773	0.3009	330	99.2970
	TANNERS CREEK 2	21,140	62,561	0.3379	364	122.9993
	TANNERS CREEK 3	34,163	100,955	0.3384	589	199.3166
	TANNERS CREEK 4	2,031	287,294	0.0071	5,129	36.2590
	TOTAL	125,698	1,758,284	0.0715	9,517	585.1787



AEP SYSTEM  
ALLOWANCES CONSUMED FOR SALES  
TO NON-AFFILIATED SYSTEMS (a)

		GENERATION ALLOCATED TO SALES TO NON-AFFILIATED SYSTEMS (MWh)	TOTAL GENERATION (MWh)	SYSTEM SALES ALLOCATION FACTOR	SO2 EMISSION ALLOWANCES (b)	SO2 EMISSION ALLOWANCES EXPENDED FOR SYSTEM SALES (5)=(3)*(4)
		(1)	(2)	(3)=(1)/(2)	(4)	(5)=(3)*(4)
OPCO	AMOS 3	191,907	572,199	0.3354	3,619	1,213.7586
	CARDINAL 1	46,256	279,811	0.1653	4,110	679.4306
	CARDINAL 2	60,591	60,591	1.0000	1,368	1,368.3112
	CARDINAL 3	48,711	48,711	1.0000	323	323.1196
	GAVIN 1	685	881,015	0.0008	1,020	0.7931
	GAVIN 2	1,156	878,102	0.0013	1,200	1.5798
	KAMMER 1	7,055	75,154	0.0939	808	75.8501
	KAMMER 2	11,004	82,449	0.1335	886	118.2494
	KAMMER 3	13,270	124,219	0.1068	1,316	140.5849
	MITCHELL 1	139,150	457,958	0.3038	3,210	975.3547
	MITCHELL 2	104,683	393,266	0.2662	2,721	724.2997
	MUSKINGUM 1	32,736	99,333	0.3296	1,924	634.0699
	MUSKINGUM 2	25,686	78,873	0.3257	1,553	505.7543
	MUSKINGUM 3	32,240	83,780	0.3848	1,566	602.6240
	MUSKINGUM 4	31,417	80,230	0.3916	1,474	577.1988
	MUSKINGUM 5	80,204	362,300	0.2214	4,450	985.1168
	SPORN 2	20,564	49,702	0.4137	390	161.3609
	SPORN 4	28,181	65,164	0.4325	505	218.3937
	SPORN 5	47,150	222,642	0.2118	1,501	317.8742
	TOTAL	922,646	4,895,499	0.1885	33,944	9,623.7243
CSP	BECKJORD 6	8,539	21,473	0.3977	388	154.2929
	CONESVILLE 1	13,510	57,444	0.2352	907	213.3133
	CONESVILLE 2	10,031	47,132	0.2128	751	159.8337
	CONESVILLE 3	26,394	65,448	0.4033	1,128	454.9021
	CONESVILLE 4	0	59	0.0000	11	0.0000
	CONESVILLE 5	21,078	57,202	0.3685	174	64.1161
	CONESVILLE 6	99,824	231,630	0.4310	559	240.9084
	PICWAY 5	6,223	15,463	0.4024	692	278.4916
	STUART 1	19,295	85,714	0.2251	564	126.9615
	STUART 2	15,888	33,450	0.4750	488	231.7891
	STUART 3	25,378	51,386	0.4939	565	279.0365
	STUART 4	32,007	59,928	0.5341	519	277.1932
	ZIMMER 1	3,474	191,016	0.0182	461	8.3842
		TOTAL	281,641	917,345	0.3070	7,207

NOTES: (a) As per Section 4.3 and Appendix E of the Interim Allowance Agreement.

(b) From Continuous Emission Monitoring System monthly data.

SYSTEM ACCOUNT  
 SUMMARY OF ENERGY SETTLEMENT  
 ADJUSTMENT TO ACCOUNT FOR  
 MARKET PRICE (1) vs. INVENTORY COST (2)  
DIFFERENTIAL OF EMISSION ALLOWANCES

	ACCOUNT 509		SOURCE ALLOCATION
AEP EXTERNAL ENERGY (3)	SO2 COST (\$) <u>(AS SUPPLIED)</u> (1)	SO2 COST (\$) <u>(ADJUSTED)</u> (2)	\$ <u>SO2 ADJUSTMENT</u> (3)=(2)-(1)
APCO	1,885,867	208,355	(1,677,512)
KPCO	431,817	57,580	(374,237)
I&M	277,641	38,505	(239,136)
OPCO	4,743,449	548,552	(4,194,897)
CSP	1,196,893	156,273	(1,040,620)
AEP	8,535,667	1,009,265	(7,526,402)
	NOX COST (\$) <u>(AS SUPPLIED)</u> (4)	NOX COST (\$) <u>(ADJUSTED)</u> (5)	\$ <u>NOX ADJUSTMENT</u> (6)=(5)-(4)
APCO	0	0	0
KPCO	0	0	0
I&M	0	0	0
OPCO	0	0	0
CSP	0	0	0
AEP	0	0	0
	SOURCE ALLOCATION <u>(UNADJUSTED)</u> (7)		SOURCE ALLOCATION <u>(ADJUSTED)</u> (8)=(7)+(3)+(6)
APCO	34,013,616		32,336,104
KPCO	6,391,124		6,016,887
I&M	14,814,880		14,575,744
OPCO	36,574,617		32,379,720
CSP	17,290,833		16,250,213
AEP	109,085,070		101,558,668

	SO2	NOX
NOTES: (1) Market Price (\$/allowance):	566.80	
(2) APCO allowance:	60.60	0.00
KPCO allowance:	70.50	0.00
I&M allowance:	65.80	0.00
OPCO allowance:	57.00	0.00
CSP allowance:	62.78	186.13

(7) From ECR/MIR report "Allocated Sources by Operating Companies - All Deliveries"

## APPENDICES

### SUPPORTING COST AND OPERATING DATA

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AMERICAN ELECTRIC POWER SYSTEM  
MEMBER LOAD RATIO SUMMARY

MONTH ENDING 10/31/2004

MEMBER LOAD RATIO  
NOVEMBER 2004

<u>APPALACHIAN</u>	<u>KENTUCKY</u>	<u>INDIANA</u>	<u>OHIO</u>	<u>COLUMBUS</u>
0.30709	0.07207	0.19752	0.24667	0.17665

MLR MONTHLY MAXIMUM  
60-MINUTE INTEGRATED MEGAWATT DEMAND  
EXCLUDE AEP SYSTEM SALES

	TOTAL	APPALACHIAN			KENTUCKY			INDIANA			OHIO			COLUMBUS		
		DA	HR	PEAK	DA	HR	PEAK	DA	HR	PEAK	DA	HR	PEAK	DA	HR	PEAK
0	14911	18	07	4276	18	08	950	18	09	3090	18	18	4201	18	19	2394
9	17242	01	16	4785	01	17	1060	15	15	3722	07	14	4573	06	17	3102
8	19429	04	16	5508	03	16	1228	03	17	4012	03	17	5059	03	17	3622
7	19230	13	16	5366	13	15	1209	22	15	4051	13	17	4981	13	16	3623
6	19053	17	15	5322	17	14	1174	09	14	3977	09	13	4990	09	16	3590
5	17488	25	14	5017	25	13	1132	12	16	3396	14	12	4563	21	15	3380
4	15851	06	07	4927	05	08	1167	05	11	2974	13	12	4248	01	20	2535
3	17166	23	08	5557	23	08	1351	16	12	3224	12	11	4330	16	20	2704
2	18247	02	09	5734	16	09	1391	05	19	3390	04	20	4881	03	19	2851
1	19444	07	08	6298	31	09	1478	22	20	3500	29	23	5018	06	20	3150
2	17774	21	09	5628	02	08	1267	15	19	3349	18	19	4545	17	19	2985
1	16490	25	08	5010	25	08	1210	25	08	3212	24	19	4273	24	19	2785

MLR MAXIMUM 60-MINUTE  
INTEGRATED MW DEMAND EXPERIENCED  
DURING PRECEDING 12-MONTHS  
EXCLUDE AEP SYSTEM SALES

<u>TOTAL</u>	<u>APPALACHIAN</u>	<u>KENTUCKY</u>	<u>INDIANA</u>	<u>OHIO</u>	<u>COLUMBUS</u>
20509	6298	1478	4051	5059	3623
DATE/TIME	01/07 HR 08	01/31 HR 09	07/22 HR 15	08/03 HR 17	07/13 HR 16

## SYSTEM PRIMARY CAPACITY

STATION	PRIMARY CAPACITY KW
<b>APPALACHIAN POWER COMPANY</b>	
Amos	2,033,000
Clinch River	705,000
Glen Lyn	335,000
Kanawha River	400,000
Mountaineer	1,300,000
Sporn	300,000
<b>TOTAL MEMBER STEAM-ELECTRIC PRIMARY CAPACITY</b>	<b>5,073,000</b>
Smith Mountain (Hydro)	586,000
Others (including Summersville)	240,000
<b>TOTAL MEMBER PRIMARY CAPACITY</b>	<b>5,899,000</b>
<b>KENTUCKY POWER COMPANY</b>	
Big Sandy	1,060,000
Rockport 1 (Purchase from AEG)	195,000
Rockport 2 (Purchase from AEG)	195,000
<b>TOTAL MEMBER STEAM-ELECTRIC PRIMARY CAPACITY</b>	<b>1,450,000</b>
<b>TOTAL MEMBER PRIMARY CAPACITY</b>	<b>1,450,000</b>
<b>INDIANA MICHIGAN POWER COMPANY</b>	
Cook	2,143,000
Rockport 1 (I&M owned)	650,000
Rockport 1 (Purchase from AEG)	455,000
Rockport 2 (I&M leased)	391,000
Rockport 2 (Purchase from AEG)	455,000
Tanners Creek	995,000
<b>TOTAL MEMBER STEAM-ELECTRIC PRIMARY CAPACITY</b>	<b>5,089,000</b>
Others (Hydro)	11,000
<b>TOTAL MEMBER PRIMARY CAPACITY</b>	<b>5,100,000</b>
<b>OHIO POWER COMPANY</b>	
Amos	867,000
Cardinal	600,000
Gavin	2,600,000
Kammer	630,000
Mitchell	1,600,000
Muskingum River	1,425,000
Sporn	750,000
<b>TOTAL MEMBER STEAM-ELECTRIC PRIMARY CAPACITY</b>	<b>8,472,000</b>
Racine (Hydro)	48,000
Ohio's Deficit Capacity (Buckeye)	(391,000)
<b>TOTAL MEMBER PRIMARY CAPACITY</b>	<b>8,129,000</b>
<b>COLUMBUS SOUTHERN POWER COMPANY</b>	
Beckjord	53,000
Conesville	1,504,000
Picway	100,000
Stuart	608,000
Zimmer	330,000
<b>TOTAL MEMBER STEAM-ELECTRIC PRIMARY CAPACITY</b>	<b>2,595,000</b>
<b>TOTAL MEMBER PRIMARY CAPACITY</b>	<b>2,595,000</b>
<b>TOTAL SYSTEM PRIMARY CAPACITY</b>	<b>23,173,000</b>

SOURCE: KW RATINGS ARE ESTABLISHED BY THE OPERATING COMMITTEE.

MEMBER WEIGHTED AVERAGE INVESTMENT COSTS  
AND MEMBER PRIMARY CAPACITY INVESTMENT RATES  
YEAR 2004

Generating Stations Other than Hydro Classified as Part of <u>Member Primary Capacity</u>	kW Capacity as of <u>12/31/2003</u> (1)	\$ Installed Cost of Production Plant.* as of <u>12/31/2003</u> (2)	Member Weighted Average Investment Cost <u>\$/kW</u> (3)=(2)/(1)	Member Primary Capacity Investment Rate <u>\$/kW/Month</u> (4)=(3)*.0137
<b>INDIANA MICHIGAN POWER COMPANY</b>				
Book	2,143,000	1,800,318,839		
Bookport 1 Ownership Share	650,000	584,297,935		
Bookport 1 Purchased from AEG	455,000	416,022,634		
Bookport 2 Leased Shared	391,000	30,153,317		
Bookport 2 Purchased from AEG	455,000	34,841,680		
Warriners Creek	995,000	384,780,867		
<b>Indiana Total</b>	<u>5,089,000</u>	<u>3,250,415,272</u>	638.71	8.75
<b>OHIO POWER COMPANY</b>				
Book	867,000	336,754,145		
Cardinal	600,000	335,534,225		
Edwin	2,600,000	989,949,191		
Hammer	630,000	257,699,906		
Itchell	1,600,000	473,025,193		
Muskingum River	1,425,000	501,486,862		
Worn	750,000	309,973,742		
<b>Ohio Total</b>	<u>8,472,000</u>	<u>3,204,423,264</u>	378.24	5.18
<b>KENTUCKY POWER COMPANY</b>				
Book Sandy	1,060,000	449,424,921		
Bookport 1 Purchased from AEG	195,000	178,295,415		
Bookport 2 Purchased from AEG	195,000	14,932,148		
<b>Kentucky Total</b>	<u>1,450,000</u>	<u>642,652,484</u>	443.21	6.07

SOURCE: Line 16 of Schedule entitled "Steam-Electric Generating Plant Statistics (Large Plants)" in the FERC Form No. 1 for the year ending 12/31/2002.

PRODUCTION EXPENSES INCURRED  
STEAM-ELECTRIC STATIONS ALLOCATED TO SYSTEM PRIMARY CAPACITY

	NET GENERATION MWh	TOTAL NET PRODUCTION EXPENSES (\$)	FUEL A/C 501 (\$)	MAINTENANCE A/C 510-515 (\$)	FUEL A/C 151 (\$)	FUEL A/C 152 (\$)
<u>APPALACHIAN POWER COMPANY</u>						
GLEN LYN	124,424	3,194,647	2,424,611	281,470	2,225,151	199,460
SPORN (APCO)	124,079	3,145,752	2,465,599	352,584	2,387,224	78,375
KANAWHA RIVER	156,618	3,642,802	2,927,313	312,142	2,749,371	177,942
CLINCH RIVER	299,733	6,111,638	4,781,891	840,339	4,519,884	262,007
AMOS (APCO)	1,246,478	19,880,203	17,502,089	823,749	16,881,719	620,370
MOUNTAINEER	32,486	6,097,073	1,245,952	3,690,017	1,179,108	66,844
TOTAL	1,983,818	42,072,115	31,347,455	6,300,301	29,942,457	1,404,998
RATES:		17.389	15.801	1.588	15.093	0.708
<u>KENTUCKY POWER COMPANY</u>						
BIG SANDY	381,747	8,918,146	6,839,931	1,157,868	6,663,174	176,757
ROCKPORT 1 (AEG)	122,426	1,836,034	1,674,653	85,171	1,627,724	46,929
ROCKPORT 2 (AEG)	129,352	3,153,046	1,793,083	58,774	1,741,222	51,861
TOTAL	633,525	13,907,226	10,307,667	1,301,813	10,032,120	275,547
RATES:		17.297	16.270	1.027	15.835	0.435
<u>INDIANA MICHIGAN POWER COMPANY</u>						
TANNERS CREEK 1-3	220,289		3,795,380		3,608,851	186,529
TANNERS CREEK 4	287,294		3,831,152		3,605,530	225,622
TANNERS CREEK TOTAL	507,583	9,417,439	7,626,532	948,499	7,214,381	412,151
ROCKPORT 1 (OWNED SHARE)	408,187	6,068,587	5,582,502	273,807	5,425,995	156,507
ROCKPORT 1 (AEG)	285,684	4,284,079	3,907,844	198,732	3,798,331	109,513
ROCKPORT 2 (AEG)	301,570	7,357,106	4,180,378	137,139	4,059,465	120,913
ROCKPORT 2 (LEASED SHARE)	255,260	6,659,117	3,532,608	114,845	3,435,092	97,516
COOK	1,061,924	23,027,709	5,263,139	9,648,559	5,263,139	0
TOTAL	2,820,208	56,814,037	30,093,003	11,321,581	29,196,403	896,600
RATES:		12.678	10.671	2.007	10.353	0.318
<u>OHIO POWER COMPANY</u>						
SPORN (OPCO)	337,508	7,922,829	6,625,661	741,188	6,436,437	189,224
MUSKINGUM	704,516	10,621,474	8,403,920	1,101,474	8,318,497	85,423
KAMMER	281,822	5,535,212	3,218,106	1,610,598	3,027,070	191,036
CARDINAL (OPCO)	129,178	4,220,194	3,521,183	496,633	3,363,074	158,109
MITCHELL	851,224	13,971,095	12,489,325	972,222	12,439,952	49,373
AMOS (OPCO)	569,635	8,254,212	7,868,383	151,342	7,673,401	194,982
GAVIN	1,759,117	28,432,863	16,928,726	1,926,268	16,301,534	627,192
TOTAL	4,633,000	78,957,879	59,055,304	6,999,725	57,559,965	1,495,339
RATES:		13.502	12.747	0.755	12.424	0.323
<u>COLUMBUS SOUTHERN POWER COMPANY</u>						
CONESVILLE	458,915	10,890,954	7,466,058	1,328,261	6,760,670	705,388
PICWAY	15,463	510,214	268,287	82,413	254,256	14,031
BECKJORD	21,473	428,337	359,857	33,408	356,429	3,428
STUART	230,478	4,753,050	3,910,651	475,323	3,835,323	75,328
ZIMMER	191,016	3,413,099	2,338,450	361,388	2,252,249	86,201
TOTAL	917,345	19,995,654	14,343,303	2,280,793	13,458,927	884,376
RATES:		16.879	15.636	1.243	14.672	0.964
SYSTEM TOTAL	10,987,896	211,746,911	145,146,732	28,204,213	140,189,872	4,956,860

CALCULATION OF  
PRIMARY ENERGY RATES AND PRIMARY CAPACITY FIXED OPERATING RATES

PRODUCTION EXPENSES OF STEAM-ELECTRIC PRIMARY CAPACITY (FROM APPENDIX IV):

COMPANY	(\$) TOTAL NET PRODUCTION EXPENSE (*) (1)	(\$) FUEL EXPENSE A/C 151 (*) (2)	(\$) FUEL EXPENSE A/C 152 (3)	MAINTENANCE EXPENSE (4)	(\$) ONE-HALF MAINTENANCE EXPENSE (5)
APCO	42,072,115	29,942,457	1,404,998	6,300,301	3,150,151
KPCO	13,907,226	10,032,120	275,547	1,301,813	650,907
I&M	56,814,037	29,196,403	896,600	11,321,581	5,660,791
OPCO	78,957,879	57,559,965	1,495,339	6,999,725	3,499,863
CSP	19,995,654	13,458,927	884,376	2,280,793	1,140,397
TOTAL	211,746,911	140,189,872	4,956,860	28,204,213	14,102,109

CALCULATION OF MEMBER PRIMARY RATES:

COMPANY	(\$) UNADJUSTED PART OF PRODUCTION EXPENSE (6)=(3)+(5)	UNADJUSTED NET GENERATION MWh (APPENDIX IV) (7)	ADJUSTED NET GENERATION (*) MWh (APPENDIX IV) (8)	PRIMARY ENERGY RATE MILLS/kWh (9)=(5)/(7) +(2)/(8)+(3)/(7)
APCO	4,555,149	1,983,818	1,983,818	17.390
KPCO	926,454	633,525	633,525	17.298
I&M	6,557,391	2,820,208	2,820,208	12.678
OPCO	4,995,202	4,633,000	4,633,000	13.502
CSP	2,024,773	917,345	917,345	16.879
TOTAL	19,058,969	10,987,896	10,987,896	14.493

CALCULATION OF MEMBER PRIMARY CAPACITY FIXED OPERATING RATES:

COMPANY	(\$) TOTAL FIXED OPERATING EXPENSE (10)=(1)-(2)-(6)	CAPABILITY OF STEAM-ELECTRIC MEMBER PRIMARY CAPACITY, kW (APPENDIX II) (11)	(\$/kW) MEMBER PRIMARY CAPACITY FIXED OPERATING RATE (12)=(10)/(11)
APCO	7,574,509	5,073,000	1.49
KPCO	2,948,652	1,450,000	2.03
I&M	21,060,243	5,089,000	4.14
OPCO	16,402,712	8,472,000	1.94
CSP	4,511,954	2,595,000	1.74
TOTAL	52,498,070	22,679,000	2.31

NOTE: \* Adjusted to exclude allocation of fuel costs (Acct. 151) associated with coal conversion services.



SETTLEMENT WITH SYSTEM AGENT ASSOCIATED WITH MLR  
ALLOCATIONS OF AEP SYSTEM RECEIPTS AND DELIVERIES

		ACTUAL SETTLEMENT		PREVIOUS ESTIMATE		ADJUSTMENT AMOUNT	
		AMOUNT DUE TO AGENT \$ CHARGE	AMOUNT DUE FROM AGENT \$ CREDIT	AMOUNT DUE TO AGENT \$ CHARGE	AMOUNT DUE FROM AGENT \$ CREDIT	AMOUNT DUE TO AGENT \$ CHARGE	AMOUNT DUE FROM AGENT \$ CREDIT
TRANSMISSION SERVICE (PURCHASES)	APCO	39,739	0	39,728	0	11	0
	KPCO	9,838	0	9,835	0	3	0
	I&M	26,964	0	25,757	0	1,207	0
	OPCO	0	100,655	0	99,428	0	1,227
	CSP	24,114	0	24,108	0	6	0
	TOTAL	100,655	100,655	99,428	99,428	1,227	1,227
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NET AMOUNT DUE FOR ALL SYSTEM TRANSACTIONS (EXCEPT TRANS. SERVICE) (1)	APCO	0	21,626,066	0	21,570,337	0	55,729
	KPCO	0	5,075,349	0	5,062,268	0	13,081
	I&M	0	13,909,869	0	13,874,027	0	35,842
	OPCO	0	17,371,107	0	17,326,346	0	44,761
	CSP	0	12,440,170	0	12,408,109	0	32,061
	East. AEP (Co. 122)	70,422,561	0	70,241,087	0	181,474	0
	TOTAL	70,422,561	70,422,561	70,241,087	70,241,087	181,474	181,474
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THIRD PARTY SALES (2)	APCO	424,462	3,575,906	385,234	3,378,227	52,174	210,625
	KPCO	99,612	839,218	90,413	792,828	12,243	49,434
	I&M	273,011	2,300,020	247,783	2,172,879	33,560	135,473
	OPCO	340,945	2,872,345	309,441	2,713,574	41,907	169,174
	CSP	244,163	2,056,998	221,601	1,943,299	30,013	121,150
	East. AEP (Co. 122)	11,644,487	1,382,193	11,000,807	1,254,472	685,856	169,897
	TOTAL	13,026,680	13,026,680	12,255,279	12,255,279	855,753	855,753
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GROSS TOTAL	APCO	424,462	25,201,972	385,234	24,948,564	52,174	266,354
	KPCO	99,612	5,914,567	90,413	5,855,096	12,243	62,515
	I&M	273,011	16,209,889	247,783	16,046,906	33,560	171,315
	OPCO	340,945	20,243,452	309,441	20,039,920	41,907	213,935
	CSP	244,163	14,497,168	221,601	14,351,408	30,013	153,211
	East. AEP (Co. 122)	82,067,048	1,382,193	81,241,894	1,254,472	867,330	169,897
	TOTAL	83,449,241	83,449,241	82,496,366	82,496,366	1,037,227	1,037,227
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NET TOTAL	APCO	0	24,777,510	0	24,563,330	0	214,180
	KPCO	0	5,814,955	0	5,764,683	0	50,272
	I&M	0	15,936,878	0	15,799,123	0	137,755
	OPCO	0	19,902,507	0	19,730,479	0	172,028
	CSP	0	14,253,005	0	14,129,807	0	123,198
	East. AEP (Co. 122)	80,684,855	0	79,987,422	0	697,433	0
	TOTAL	80,684,855	80,684,855	79,987,422	79,987,422	697,433	697,433

NOTES: (1) Source is ECR#MLR report, MLR Allocation of System Transactions.  
(2) Source is Appendix VII.

AEP SYSTEM MLR ALLOCATION OF EXPENSES FOR TRANSMISSION SERVICE TO BE RECORDED  
 IN ACCOUNT 4470.066 (POWER TRADING TRANSMISSION EXPENSE - NON ASSOCIATED - ABOVE)  
 AND IN ACCOUNT 4210.020 (POWER TRADING TRANSMISSION EXPENSE - NON ASSOCIATED - BELOW)

Pwr Code	Customer	ACCT	CO. AGNT	BILL	ACTUAL	MLR						AMOUNT DUE (TO)/FROM AGENT					
						APCO	KPCO	I&M	OPCO	CSP	Total	APCO	KPCO	I&M	OPCO	CSP	NET
Totals				136,513	41,923	9,838	26,964	33,674	24,114	17,665%	100.00%	(39,739)	(9,838)	(26,964)	100,655	(24,114)	
ICE	Duke Power Company	4470066 02		2,184	671	157	431	539	386		2,184	1,513	(157)	(431)	(539)	(386)	
ITE	Energy Power Serv	4470066 07		73,170	22,470	5,273	14,453	18,049	12,925		73,170	(22,470)	(5,273)	(14,453)	55,121	(12,925)	
GN	Exelon Energy	4470066 07		1,236	380	89	244	305	218		1,236	(380)	(89)	(244)	931	(218)	
SO	Midwest ISO	(3) 4470066 07		59,923	18,402	4,319	11,836	14,781	10,585		59,923	(18,402)	(4,319)	(11,836)	45,142	(10,585)	

Notes: (1) Invoice for Month 2004 transmission.  
 (2) To be booked in account #4210.020 (more than 2 tiers away).  
 (3) A portion of the MISO invoice is charged back to CPP (\$47,364)

SETTLEMENT WITH SYSTEM AGENT ASSOCIATED  
WITH MLR ALLOCATIONS OF AEP SYSTEM  
OFF-SYSTEM THIRD PARTY

		MWh		(\$)		
		<u>PURCHASES</u>	<u>SALES</u>	<u>ALLOCATION BY MLR</u>		
				TOTAL COSTS TO BE BOOKED	TOTAL REVENUES TO BE BOOKED	
		ACCT. 4470.010	ACCT. 4470.006	ACCT. 4470.010	ACCT. 4470.006	
<b>ENERGY (1)</b>						
I.	ACTUAL	APCO	4,811,165	4,995,136	184,460,897	187,704,073
	THIS MONTH	KPCO	1,129,115	1,172,295	43,290,556	44,051,687
		I&M	3,094,538	3,212,860	118,645,076	120,731,084
		OPCO	3,864,566	4,012,333	148,168,190	150,773,270
		CSP	2,767,566	2,873,388	106,109,015	107,974,614
		TOTAL	15,666,950	16,266,012	600,673,734	611,234,728
II.	PREVIOUS	APCO	4,804,833	4,986,244	184,091,332	187,129,184
	ESTIMATE	KPCO	1,127,627	1,170,212	43,203,824	43,916,768
		I&M	3,090,462	3,207,147	118,407,372	120,361,316
		OPCO	3,859,481	4,005,195	147,871,337	150,311,491
		CSP	2,763,922	2,868,278	105,896,427	107,643,916
		TOTAL	15,646,325	16,237,076	599,470,292	609,362,675
III.	ADJUSTMENT	APCO	6,332	8,892	369,565	574,889
	(I-II)	KPCO	1,488	2,083	86,732	134,919
		I&M	4,076	5,713	237,704	369,768
		OPCO	5,085	7,138	296,853	461,779
		CSP	3,644	5,110	212,588	330,698
		TOTAL	20,625	28,936	1,203,442	1,872,053
<b>EXERCISED OPTIONS &amp; PREMIUMS (2)</b>						
		ACCT. 4470.011	ACCT. 4470.007	ACCT. 4470.011	ACCT. 4470.007	
I.	ACTUAL	APCO	90,655	89,180	3,801,740	3,481,663
	THIS MONTH	KPCO	21,275	20,929	892,219	817,101
		I&M	58,306	57,359	2,445,275	2,239,403
		OPCO	72,816	71,633	3,053,747	2,796,646
		CSP	52,148	51,299	2,186,907	2,002,787
		TOTAL	295,200	290,400	12,379,888	11,337,600
II.	PREVIOUS	APCO	90,655	89,180	3,801,740	3,481,663
	ESTIMATE	KPCO	21,275	20,929	892,219	817,101
		I&M	58,306	57,359	2,445,275	2,239,403
		OPCO	72,816	71,633	3,053,747	2,796,646
		CSP	52,148	51,299	2,186,907	2,002,787
		TOTAL	295,200	290,400	12,379,888	11,337,600
III.	ADJUSTMENT	APCO	0	0	0	0
	(I-II)	KPCO	0	0	0	0
		I&M	0	0	0	0
		OPCO	0	0	0	0
		CSP	0	0	0	0
		TOTAL	0	0	0	0

SETTLEMENT WITH SYSTEM AGENT ASSOCIATED  
WITH MLR ALLOCATIONS OF AEP SYSTEM  
OFF-SYSTEM THIRD PARTY

BELOW THE LINE	ALLOCATION BY MLR (MWh)						ALLOCATION BY MLR (\$)					
	FINANCIAL		PHYSICAL BOOKOUT		GAIN		FINANCIAL		PHYSICAL BOOKOUT		GAIN	
	LOSSES		PURCHASES		REVENUES		LOSSES		PURCHASES		REVENUES	
	ACCT. 4210.023	ACCT. 4210.022	ACCT. 4210.018	ACCT. 4210.023	ACCT. 4210.022	ACCT. 4210.018	ACCT. 4210.023	ACCT. 4210.022	ACCT. 4210.018	ACCT. 4210.023	ACCT. 4210.022	ACCT. 4210.018
ACTUAL	APCO	0	925,683	925,753	530,864	43,137,990	43,627,043					
THIS MONTH	KPCO	0	217,250	217,264	124,585	10,123,921	10,238,698					
	I&M	0	595,399	595,443	341,448	27,746,315	28,060,875					
	OPCO	0	743,552	743,614	426,407	34,650,585	35,043,423					
	CSP	0	532,491	532,537	305,366	24,814,634	25,095,961					
	TOTAL	0	3,014,375	3,014,611	1,728,670	140,473,445	142,066,000					
PREVIOUS	APCO	0	925,692	925,753	530,928	43,082,425	43,623,716					
ESTIMATE	KPCO	0	217,251	217,264	124,600	10,110,881	10,237,916					
	I&M	0	595,404	595,443	341,489	27,710,575	28,058,736					
	OPCO	0	743,558	743,613	426,458	34,605,952	35,040,748					
	CSP	0	532,495	532,537	305,403	24,782,671	25,094,048					
	TOTAL	0	3,014,400	3,014,610	1,728,878	140,292,504	142,055,164					
ADJUSTMENT	APCO	0	(9)	0	(64)	55,565	3,327					
(I-II)	KPCO	0	(1)	0	(15)	13,040	782					
	I&M	0	(5)	0	(41)	35,740	2,139					
	OPCO	0	(6)	1	(51)	44,633	2,675					
	CSP	0	(4)	0	(37)	31,963	1,913					
	TOTAL	0	(25)	1	(208)	180,941	10,836					

BROKERS' COMMISSIONS (3)

		ALLOCATION BY MLR (\$)	
		PURCHASE	SALES
		COSTS	REVENUES
		ACCT. 4470.010	ACCT. 4470.006
ACTUAL	APCO		
THIS MONTH	KPCO	36,511	(26,063)
	I&M	8,569	(6,117)
	OPCO	23,484	(16,767)
	CSP	29,333	(20,942)
	TOTAL	21,007	(14,997)
		118,904	(84,886)
PREVIOUS	APCO	38,424	(26,733)
ESTIMATE	KPCO	9,021	(6,274)
	I&M	24,713	(17,198)
	OPCO	30,864	(21,476)
	CSP	22,103	(15,378)
	TOTAL	125,125	(87,059)
ADJUSTMENT	APCO	(1,913)	670
(I-II)	KPCO	(452)	157
	I&M	(1,229)	431
	OPCO	(1,531)	534
	CSP	(1,096)	381
	TOTAL	(6,221)	2,173

SETTLEMENT WITH SYSTEM AGENT ASSOCIATED  
WITH MLR ALLOCATIONS OF AEP SYSTEM  
OFF-SYSTEM THIRD PARTY

			(\$)
<u>POWER SWAPS</u>			<u>ALLOCATION BY MLR</u>
			TOTAL NET
			TO BE BOOKED
			<u>ACCT. 4470,082</u>
I.	ACTUAL	APCO	332,730
	THIS MONTH	KPCO	78,087
		I&M	214,012
		OPCO	267,265
		CSP	191,399
		<u>TOTAL</u>	<u>1,083,493</u>
II.	PREVIOUS	APCO	330,012
	ESTIMATE	KPCO	77,449
		I&M	212,263
		OPCO	265,082
		CSP	189,836
		<u>TOTAL</u>	<u>1,074,642</u>
III.	ADJUSTMENT	APCO	2,718
	(I-II)	KPCO	638
		I&M	1,749
		OPCO	2,183
		CSP	1,563
		<u>TOTAL</u>	<u>8,851</u>

PJM NON-ECR PURCHASES-OSS  
NON-ECR PHYSICAL SALES-OSS

		MWh		(\$)	
<u>PJM NON-ECR ENERGY</u>		<u>PURCHASES</u>	<u>SALES</u>	<u>ALLOCATION BY MLR</u>	
				TOTAL COSTS	TOTAL REVENUES
				TO BE BOOKED	TO BE BOOKED
		<u>ACCT. 5550,035</u>	<u>ACCT. 4470,112</u>	<u>ACCT. 5550,035</u>	<u>ACCT. 4470,112</u>
I.	ACTUAL	APCO	11,957	504,345	563,512
	THIS MONTH	KPCO	2,806	118,363	132,249
		I&M	7,691	324,395	362,450
		OPCO	9,605	405,115	452,640
		CSP	6,878	290,119	324,153
		<u>TOTAL</u>	<u>38,937</u>	<u>1,642,337</u>	<u>1,835,004</u>
II.	PREVIOUS	APCO	11,009	452,987	524,663
	ESTIMATE	KPCO	2,584	106,310	123,131
		I&M	7,081	291,361	337,463
		OPCO	8,843	363,861	421,435
		CSP	6,333	260,575	301,806
		<u>TOTAL</u>	<u>35,850</u>	<u>1,475,094</u>	<u>1,708,498</u>
III.	ADJUSTMENT	APCO	948	51,358	38,849
	(I-II)	KPCO	222	12,053	9,118
		I&M	610	33,034	24,987
		OPCO	762	41,254	31,205
		CSP	545	29,544	22,347
		<u>TOTAL</u>	<u>3,087</u>	<u>167,243</u>	<u>126,506</u>

SETTLEMENT WITH SYSTEM AGENT ASSOCIATED  
WITH MLR ALLOCATIONS OF AEP SYSTEM  
BOOKOUTS AND OPTIONS

		ACTUAL SETTLEMENT		PREVIOUS ESTIMATE		ADJUSTMENT AMOUNT	
		AMOUNT DUE TO AGENT \$ CHARGE	AMOUNT DUE FROM AGENT \$ CREDIT	AMOUNT DUE TO AGENT \$ CHARGE	AMOUNT DUE FROM AGENT \$ CREDIT	AMOUNT DUE TO AGENT \$ CHARGE	AMOUNT DUE FROM AGENT \$ CREDIT
THIRD PARTY SALES (1)	APCO	0	3,243,176	0	3,037,852	0	205,324
	KPCO	0	761,131	0	712,944	0	48,187
	I&M	0	2,086,008	0	1,953,944	0	132,064
	OPCO	0	2,605,080	0	2,440,154	0	164,926
	CSP	0	1,865,599	0	1,747,489	0	118,110
	East. AEP (Co.122)	10,560,994	0	9,892,383	0	668,611	0
	TOTAL	10,560,994	10,560,994	9,892,383	9,892,383	668,611	668,611
EXERCISED OPTIONS & PREMIUMS (2)	APCO	320,077	0	320,077	0	0	0
	KPCO	75,118	0	75,118	0	0	0
	I&M	205,872	0	205,872	0	0	0
	OPCO	257,101	0	257,101	0	0	0
	CSP	184,120	0	184,120	0	0	0
	East. AEP (Co.122)	0	1,042,288	0	1,042,288	0	0
	TOTAL	1,042,288	1,042,288	1,042,288	1,042,288	0	0
BELOW THE LINE	APCO	41,811	0	0	10,363	52,174	0
	KPCO	9,808	0	0	2,435	12,243	0
	I&M	26,888	0	0	6,672	33,560	0
	OPCO	33,569	0	0	8,338	41,907	0
	CSP	24,039	0	0	5,974	30,013	0
	East. AEP (Co.122)	0	136,115	33,782	0	0	169,897
	TOTAL	136,115	136,115	33,782	33,782	169,897	169,897
BROKERS' COMMISSIONS (3)	APCO	62,574	0	65,157	0	0	2,583
	KPCO	14,686	0	15,295	0	0	609
	I&M	40,251	0	41,911	0	0	1,660
	OPCO	50,275	0	52,340	0	0	2,065
	CSP	36,004	0	37,481	0	0	1,477
	East. AEP (Co.122)	0	203,790	0	212,184	8,394	0
	TOTAL	203,790	203,790	212,184	212,184	8,394	8,394
POWER SWAPS	APCO	0	332,730	0	330,012	0	2,718
	KPCO	0	78,087	0	77,449	0	638
	I&M	0	214,012	0	212,263	0	1,749
	OPCO	0	267,265	0	265,082	0	2,183
	CSP	0	191,399	0	189,836	0	1,563
	East. AEP (Co.122)	1,083,493	0	1,074,642	0	8,851	0
	TOTAL	1,083,493	1,083,493	1,074,642	1,074,642	8,851	8,851
NET BOOKOUTS, OPTIONS, BROKERS' COMMISSIONS, SWAPS & SPARK GAS	APCO	424,462	3,575,906	385,234	3,378,227	52,174	210,625
	KPCO	99,612	839,218	90,413	792,828	12,243	49,434
	I&M	273,011	2,300,020	247,783	2,172,879	33,560	135,473
	OPCO	340,945	2,872,345	309,441	2,713,574	41,907	169,174
	CSP	244,163	2,056,998	221,601	1,943,299	30,013	121,150
	East. AEP (Co.122)	11,644,487	1,382,193	11,000,807	1,254,472	685,856	169,897
	TOTAL	13,026,680	13,026,680	12,255,279	12,255,279	855,753	855,753

## NOTES:

(1) Power that did not enter into nor did it flow out of the AEP System, and is not included in the ECR/MLR report.

(2) Sold in previous period(s) and exercised in:

November 2004

(3) Actual commissions paid in November 2004.

ACTUAL:	November 2004	Eastern AEP - Trading and Marketing Realizations for Base Year (July 1999 - June 2000) (from AEP System Internal Resources)											
		Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00
CP&L - Unit Power	\$2,198,217	\$2,490,283	\$2,582,529	\$2,705,213	\$2,615,136	\$2,589,883	\$2,699,430	\$2,520,713	\$2,754,689	\$3,003,151	\$2,919,434	\$2,866,195	
VEPCo - Unit Power	(\$1,123,105)	\$3,038,022	\$3,527,361	\$2,598,489	\$2,647,320	\$3,486,881	\$321,838	\$0	\$0	\$0	\$0	\$0	\$0
Net ECR (1)	\$12,753,184	\$23,169,345	\$11,364,665	\$10,435,970	\$8,342,770	\$10,921,779	\$15,541,702	\$19,298,751	\$14,450,922	\$18,450,442	\$36,100,304	\$48,806,985	
SO2 Differential (2)	\$563,599	\$612,545	\$389,855	\$250,844	\$197,348	\$184,492	\$950,379	\$710,467	\$661,136	\$793,923	\$679,673	\$554,549	
Transmission Purchases (3)	(\$730,874)	(\$1,281,526)	(\$730,367)	(\$486,787)	(\$262,874)	(\$283,600)	(\$769,597)	(\$301,407)	(\$433,753)	(\$428,732)	(\$845,606)	(\$805,698)	
Net Total	\$13,661,021	\$28,028,669	\$17,134,063	\$15,503,729	\$13,539,700	\$16,899,435	\$18,743,752	\$22,228,524	\$17,432,994	\$21,818,784	\$38,853,805	\$51,422,031	
Less Dedicated													
Transaction Realization (from Pg. 2)	(\$422,036)	(\$11,945,640)	(\$13,641,221)	(\$12,470,356)	(\$12,102,274)	(\$13,621,453)	(\$10,104,743)	(\$9,973,647)	(\$9,475,154)	(\$9,840,572)	(\$9,530,382)	(\$9,507,230)	
Less LT Pre-Merger Trading Realizations													(\$4,463,194)
Plus 6/30/00 MTM of Open Positions													\$84,170,867
Plus Off System Sales													
Transaction Realization (Above Line) (from Pg. 3)	\$18,397,954	\$25,716,949	(\$14,228,723)	(\$3,760,052)	(\$1,572,486)	\$586,921	\$2,349,698	\$1,065,780	(\$4,066,395)	\$1,643,564	\$6,785,292	(\$12,397,596)	
Monthly Total	\$31,636,939	\$41,799,978	(\$10,735,861)	(\$716,679)	(\$135,060)	\$3,846,903	\$10,988,707	\$13,320,657	\$3,891,445	\$13,621,776	\$36,108,715	\$109,232,878	
12 Mo. Cumulative Total	\$31,636,939	\$73,436,917	\$62,701,036	\$61,984,357	\$61,849,297	\$65,696,200	\$76,684,907	\$90,005,564	\$93,897,009	\$107,518,785	\$143,627,500	\$252,860,378	

(1) Reflects the net recorded in the Energy Costing & Reporting System.  
(2) Realization emanating from price differential between market price (charged) and companies' inventory cost.  
(3) Associated with purchased power that flowed into the AEP System (within 2 tiers) (Revised 8/18/00).

ACTUAL: November 2004

astern AEP - Trading and Marketing Realizations for Base Year (July 1999 - June 2000) (from AEP System Internal Resources)  
edicated Long Term Transactions

Company	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00
Ar. P & L	\$2,198,217	\$2,490,283	\$2,582,529	\$2,705,213	\$2,615,136	\$2,589,883	\$2,689,430	\$2,520,713	\$2,754,689	\$3,003,151	\$2,919,434	\$2,866,195
Unit Power)	\$587,500	\$587,500	\$587,500	\$587,500	\$587,500	\$587,500	\$587,500	\$587,500	\$587,500	\$587,500	\$587,500	\$587,500
EPCO	(\$1,123,105)	\$3,038,022	\$3,527,361	\$2,598,489	\$2,647,320	\$3,486,881	\$0	\$0	\$0	\$0	\$0	\$0
Unit Power)	\$1,229,179	\$1,168,979	\$1,192,072	\$1,160,847	\$1,176,827	\$1,200,568	\$0	\$0	\$0	\$0	\$0	\$0
SEMC	\$1,434,782	\$1,434,959	\$1,434,938	\$1,435,076	\$1,434,976	\$1,435,066	\$1,947,500	\$1,947,662	\$1,947,457	\$1,947,685	\$1,947,569	\$1,947,505
EPCO	(\$440,174)	\$464,119	\$490,918	\$377,172	\$376,177	\$494,578	\$31,830	\$0	\$0	\$0	\$0	\$0
AP Ohio	\$65,071	\$65,037	\$65,019	\$64,945	\$65,082	\$65,051	\$65,000	\$64,972	\$64,983	\$77,994	\$97,525	\$97,535
CP	\$325,086	\$299,017	\$325,080	\$260,073	\$260,060	\$259,949	\$260,000	\$260,035	\$195,020	\$227,523	\$259,964	\$325,026
VEIG	(\$1,475,010)	\$829,290	\$727,061	\$572,783	\$566,959	\$730,197	\$866,518	\$952,857	\$846,110	\$848,636	\$887,079	\$968,600
ulford	(\$337,727)	\$545,462	\$474,413	\$477,657	\$427,911	\$465,336	\$590,957	\$571,093	\$360,280	\$316,608	\$324,179	\$344,073
ehoo	(\$160,092)	\$142,607	\$132,810	\$146,292	\$122,651	\$137,505	\$156,614	\$153,483	\$153,879	\$154,699	\$153,552	\$153,528
(Block)												
Firm	(\$426,024)	\$549,676	\$436,146	\$485,546	\$469,876	\$608,622	\$755,434	\$664,239	\$578,923	\$549,919	\$508,438	\$575,863
Va Pwr	\$0	\$0	\$327,305	\$302,505	\$238,211	\$271,564	\$282,750	\$387,332	\$347,285	\$344,005	\$375,378	\$453,609
urgis												
Mo - Firm												
APO	(\$504,573)	\$85,796	\$631,992	\$769,971	\$627,963	\$704,942	\$1,193,822	\$1,278,285	\$1,054,569	\$1,191,774	\$902,662	\$752,338
CP	(\$686,371)	\$75,807	\$545,327	\$347,865	\$334,174	\$408,155	\$343,576	\$363,979	\$362,269	\$348,249	\$345,619	\$210,821
ehoo	(\$264,723)	\$169,086	\$160,750	\$176,422	\$151,451	\$175,666	\$223,812	\$221,497	\$222,190	\$242,830	\$221,483	\$224,537
Total	\$422,036	\$11,945,640	\$13,641,221	\$12,470,356	\$12,102,274	\$13,621,453	\$10,104,743	\$9,973,647	\$9,475,154	\$9,840,572	\$9,530,382	\$9,507,230
Month Cum. Total	\$422,036	\$12,367,676	\$26,008,897	\$38,479,253	\$50,581,527	\$64,202,980	\$74,307,723	\$84,281,370	\$93,756,524	\$103,597,096	\$113,127,478	\$122,634,708



**Eastern AEP - Trading and Marketing Realizations for Base Year (July 1999 - June 2000)**  
**(Off System Sales - Above the Line Trading Activities Account 447 Subaccounts Only)**

Type of Activity	Account	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	Jan-00	Feb-00	1/00 & 2/00 Adjustment	Mar-00	Apr-00	May-00	Jun-00
Energy Sales	4470.006	\$657,853,570	\$901,477,542	\$1,137,936,711	\$521,049,752	\$457,380,779	\$666,402,058	\$495,514,894	\$692,461,948	(\$96,475,456)	\$702,867,564	\$666,469,789	\$1,359,808,237	\$1,472,809,035
Energy Purchases	4470.010	(\$942,477,724)	(\$986,288,393)	\$1,150,961,783	(\$522,047,657)	(\$456,111,554)	(\$681,408,469)	(\$480,920,634)	(\$679,746,205)	\$97,879,483	(\$703,198,421)	(\$659,664,733)	(\$1,346,663,111)	(\$1,472,696,496)
Exercised Options - Sales	4470.007	\$30,827,050	\$25,117,500	\$8,767,200	\$2,591,200	\$3,471,200	\$1,997,600	\$3,908,000	\$4,812,800	\$0	\$2,275,200	\$592,000	\$2,309,600	\$16,386,200
Exercised Options - Purchases	4470.011	(\$27,288,700)	(\$15,609,800)	(\$7,336,000)	(\$4,937,200)	(\$5,999,200)	(\$7,952,400)	(\$15,928,800)	(\$16,062,400)	\$0	(\$6,622,400)	(\$5,008,000)	(\$7,741,600)	(\$28,571,200)
Sales Commission (Above Line)	4470.006	(\$152,599)	\$0	(\$312,907)	(\$208,888)	(\$159,954)	(\$248,900)	(\$117,856)	(\$193,899)	\$0	(\$280,304)	(\$381,496)	(\$519,986)	(\$139,787)
Purchase Commissions (Above Line)	4470.010	(\$153,644)	\$0	(\$321,964)	(\$199,259)	(\$153,857)	(\$222,968)	(\$106,106)	(\$206,462)	\$0	(\$312,061)	(\$383,996)	(\$487,846)	(\$195,348)
Net Off System Trades (Above the Line)		\$18,397,954	\$25,746,949	(\$14,228,723)	(\$3,750,052)	(\$1,572,486)	\$568,921	\$2,349,698	\$1,065,780	\$1,404,027	\$5,470,422	\$1,643,584	\$6,765,292	(\$12,387,586)
12 Month Cumulative Total		\$18,397,954	\$44,114,903	\$29,886,180	\$26,138,128	\$24,563,642	\$25,132,563	\$27,482,261	\$28,948,041	\$29,952,088	\$24,481,646	\$28,125,210	\$32,910,502	\$20,512,906

Note: The adjustment for January and February 2000 reflects the reclassification of Bookouts to accounts 4210.012 and 4265.005 that were incorrectly charged to accounts 4470.006 and 4470.010. The transactions being reclassified were more than two tiers away.

**Western AEP - Trading and Marketing Realizations for Base Year  
(July 1999 - June 2000) (from CSW Generation Resources)**

<u>Month</u>	<u>Amount</u>
July-99	\$14,422,489
August-99	\$4,245,600
September-99	\$1,840,715
October-99	\$63,256
November-99	\$175,651
December-99	\$88,741
January-00	\$842,661
February-00	\$450,386
March-00	\$84,263
April-00	\$248,857
May-00	\$2,016,489
June-00	\$616,467
<b>Base Year Total</b>	<b>\$25,095,575</b>

**Western AEP - Trading and Marketing Realizations for Year 2004  
(from CSW Generation Resources)**

<u>Period</u>	<u>Realization Amount</u>	
January-04	\$1,125,810	
February-04	\$1,741,581	Note 1
March-04	(\$926,685)	
April-04	(\$235,847)	
May-04	(\$444,024)	
June-04	\$2,109,197	
July-04	(\$4,617,951)	
August-04	(\$7,505,000)	
September-04	(\$12,629,900)	
October-04	(\$13,943,045)	
November-04	(\$10,090,527)	
December-04		
<b>Cumulative Total</b>	<b>(\$45,416,391)</b>	

**Notes:**

(1) The February 2004 West realization has been reduced by \$162,422 resulting from the 1/04 ICR re-run of 3/31/04.

ACTUAL:	November 2004																	
Eastern AEP - Trading and Marketing Realizations for Year 2004 (from AEP System Internal Resources)																		
<b>Activity</b>	<b>Jan-04</b>	<b>Feb-04</b>	<b>Mar-04</b>	<b>Apr-04</b>	<b>May-04</b>	<b>Jun-04</b>	<b>Jul-04</b>	<b>Aug-04</b>	<b>Sep-04</b>	<b>Oct-04</b>	<b>Nov-04</b>	<b>Dec-04</b>						
CP&L - Unit Power	\$3,086,279	\$2,741,508	\$3,401,657	\$3,572,062	\$2,964,036	\$2,889,438	\$2,860,060	\$2,641,406	\$2,656,876	\$2,627,879	\$2,770,356	\$0						
Net ECR (1)	\$49,247,207	\$41,765,503	\$31,411,992	\$34,981,016	\$36,860,910	\$49,267,328	\$47,915,262	\$37,685,476	\$31,493,062	\$18,668,091	\$21,380,553	\$0						
Less Purch. Demand Charge	(\$1,435,685)	(\$1,220,832)	(\$1,220,832)	(\$1,220,832)	(\$1,220,832)	(\$1,220,832)	(\$1,433,183)	(\$1,220,832)	(\$1,220,832)	(\$1,220,832)	(\$1,260,148)	\$0						
SO2 Differential	\$3,242,988	\$2,966,863	\$2,040,513	\$2,780,264	\$2,680,606	\$5,611,756	\$6,173,077	\$7,515,945	\$5,876,591	\$3,983,491	\$7,638,502	\$0						
Nox Differential	\$0	\$0	\$0	\$0	\$0	\$7,459,313	\$7,602,062	\$5,749,892	\$5,538,057	\$0	\$0	\$0						
Transmission Purchases (2)	(\$610,167)	(\$638,095)	(\$1,325,940)	(\$935,021)	(\$1,237,591)	(\$1,095,658)	(\$1,540,284)	(\$1,007,906)	(\$724,017)	(\$120,240)	(\$136,513)	\$0						
Net Total	\$53,630,622	\$45,616,947	\$34,307,390	\$39,177,489	\$40,047,129	\$62,911,345	\$61,576,994	\$51,363,981	\$43,617,737	\$23,938,389	\$30,392,750	\$0						
Less Dedicated																		
Transaction Realization (from Pg. 6)	(\$8,400,897)	(\$7,543,957)	(\$7,750,149)	(\$7,800,334)	(\$7,297,443)	(\$6,764,315)	(\$6,410,486)	(\$5,924,374)	(\$5,945,793)	(\$5,480,432)	(\$6,117,723)	\$0						
PJM Related Costs & Revenues (Pg. 8)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$4,807,589)	\$99,816	\$0						
Plus Off System Sales																		
Transaction Realization (from Pg. 7)	\$5,479,930	\$2,017,704	(\$2,035,857)	\$7,117,730	\$13,608,113	\$14,839,918	\$26,948,377	\$25,004,310	\$10,365,621	\$6,506,277	\$996,449	\$0						
Monthly Total	\$50,609,655	\$40,090,694	\$24,521,284	\$38,494,865	\$46,358,799	\$70,986,948	\$92,114,885	\$70,443,917	\$48,037,565	\$20,156,645	\$25,371,292	\$0						
12 Mo. Cumulative Total	\$50,609,655	\$90,700,349	\$115,221,633	\$153,716,518	\$200,075,317	\$271,062,265	\$353,177,150	\$423,621,067	\$471,658,632	\$491,815,277	\$517,186,569	\$517,186,569						

(1) Reflects the net recorded in the Energy Costing & Reporting System.  
 (2) Associated with purchased power that flowed into the AEP System (within 2 tiers).

ACTUAL: November 2004

astern AEP - Trading and Marketing Realizations for Year 2004 (from AEP System Internal Resources)  
edicated Long Term Transactions

Company	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04
ar. P & L	\$3,086,279	\$2,741,508	\$3,401,657	\$3,572,082	\$2,964,036	\$2,889,438	\$2,860,060	\$2,641,406	\$2,656,876	\$2,627,879	\$2,770,356	\$0
Int'l Pwr	\$587,500	\$587,500	\$587,500	\$587,500	\$587,500	\$587,500	\$587,500	\$587,500	\$587,500	\$587,500	\$587,500	\$0
CEMC	\$2,133,404	\$1,970,147	\$1,844,891	\$1,802,948	\$1,834,793	\$1,702,676	\$1,539,189	\$1,416,113	\$1,501,344	\$1,284,850	\$1,509,361	\$0
MP Ohio	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MEG	\$1,004,450	\$873,741	\$705,192	\$677,899	\$732,258	\$817,875	\$702,911	\$643,297	\$622,760	\$455,378	\$599,663	\$0
adford	\$465,195	\$387,046	\$345,153	\$306,711	\$316,641	\$300,760	\$282,549	\$280,892	\$288,215	\$260,975	\$308,297	\$0
gehoo	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
' Va Pwr	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Jurgis	\$400,737	\$348,651	\$333,473	\$331,983	\$325,443	\$468,238	\$461,858	\$408,722	\$323,554	(\$19,603)	(\$91,881)	\$0
MPO	\$723,332	\$635,364	\$532,283	\$521,231	\$536,772	(\$2,172)	(\$23,581)	(\$53,556)	(\$34,456)	\$283,453	\$434,427	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
gehoo	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$8,400,897	\$7,543,957	\$7,750,149	\$7,800,334	\$7,297,443	\$6,764,315	\$6,410,486	\$5,924,374	\$5,945,793	\$5,480,432	\$6,117,723	\$0
Month Cum. Total	\$8,400,897	\$15,944,854	\$23,695,003	\$31,495,337	\$38,792,780	\$45,557,095	\$51,967,581	\$57,891,955	\$63,837,748	\$69,318,180	\$75,435,903	\$75,435,903

Eastern AEP - Trading and Marketing Realizations for Year 2004  
(Off System Sales - Above the Line Trading Activities Account 447 & 555 Subaccounts Only)

Account	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04
4470.006	\$610,463,029	\$684,952,074	\$665,967,414	\$572,872,778	\$501,692,261	\$527,733,349	\$884,932,321	\$978,575,958	\$545,631,610	\$569,860,965	\$611,234,728	\$0
4470.112	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,835,004	\$0
4470.006	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4470.006	\$5,553,920	(\$1,248,144)	\$351,056	\$910,240	\$5,690,287	\$430,593	\$487,929	(\$687,772)	\$11	\$3,524,750	\$5,782,126	\$0
4470.010	(\$602,089,650)	(\$682,500,251)	(\$659,931,502)	(\$557,530,222)	(\$489,771,344)	(\$510,848,563)	(\$849,705,165)	(\$951,014,532)	(\$526,222,176)	(\$554,908,197)	(\$600,673,734)	\$0
5550.035	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4470.010	(\$107,120)	(\$81,400)	(\$104,406)	(\$87,158)	(\$115,807)	(\$91,233)	(\$64,456)	(\$67,269)	(\$132,849)	(\$137,865)	(\$84,887)	\$0
4470.010	(\$97,244)	(\$113,881)	(\$88,566)	(\$84,850)	(\$65,559)	(\$119,144)	(\$66,032)	(\$74,039)	(\$126,020)	(\$82,477)	(\$118,903)	\$0
Net of Above	\$13,222,935	(\$91,602)	\$5,193,996	\$16,080,788	\$17,429,938	\$17,105,002	\$35,594,597	\$26,732,346	\$19,150,576	\$18,277,156	\$15,687,823	\$0
4470.007	\$10,987,200	\$9,542,400	\$9,546,864	\$8,486,016	\$5,017,600	\$3,699,200	\$13,875,200	\$23,220,800	\$3,585,600	\$11,397,600	\$11,337,600	\$0
4470.007	\$957,265	\$793,367	(\$1,298,826)	(\$1,514,754)	\$51,417	(\$16,984)	(\$2,989,341)	(\$3,017,726)	\$14,257	\$185,988	\$144,547	\$0
4470.011	(\$2,968,841)	(\$1,319,192)	(\$393,137)	\$589,522	(\$605,439)	(\$404,387)	\$773,045	\$1,798,461	(\$315,195)	(\$701,131)	(\$689,667)	\$0
4470.062	(\$66,220)	(\$229,635)	(\$61,934)	(\$61,920)	\$43,145	\$148,819	\$562,137	\$398,419	\$334,816	\$4,680	\$1,083,493	\$0
4470.062	(\$34,148)	\$23,997	(\$2,053,573)	(\$278,989)	(\$101,111)	\$3,783,794	\$316,413	\$2,153,322	(\$719,186)	(\$773,281)	(\$1,355,092)	\$0
4470.062	(\$2,600,220)	\$116,150	\$1,403,563	\$228,233	\$75,978	\$142,956	\$3,134,799	(\$665,394)	(\$424,023)	(\$291,201)	(\$868,829)	\$0
4470.082	\$0	\$0	\$0	\$0	\$0	(\$2,766)	(\$5,481)	(\$701,315)	\$911,182	\$426,866	(\$274,307)	\$0
4470.088	\$0	\$0	\$0	\$0	\$0	\$0	\$864,088	\$813,864	\$0	\$864,088	\$0	\$0
5550.033	\$0	\$0	\$0	(\$4,103,164)	(\$2,390,439)	(\$379,755)	(\$41,680)	\$0	\$0	(\$550,736)	(\$683,040)	\$0
5550.034	(\$7,951,300)	(\$1,837,509)	(\$2,823,299)	(\$8,047,486)	(\$5,544,025)	(\$403,167)	(\$10,988,804)	(\$1,898,593)	(\$3,638,485)	(\$1,984,137)	(\$3,686,183)	\$0
Net of Above	(\$5,103)	(\$2,237)	(\$3,190)	(\$1,895)	(\$3,146)	(\$1,767)	(\$1,753)	(\$1,181)	(\$5,634)	(\$10,212)	(\$7,011)	\$0
4470.081	(\$4,249)	\$4,712,527	(\$5,522,433)	(\$1,173,422)	\$616,483	\$1,159,843	\$1,264,810	(\$787,714)	(\$5,102,427)	(\$5,909,854)	(\$7,497,906)	\$0
4470.081	(\$282,353)	\$136,525	\$118,969	\$259,745	\$1,109,963	(\$700,307)	\$1,079,527	\$959,452	(\$38,409)	(\$3,866,676)	(\$3,501,274)	\$0
Net of Above	(\$291,705)	\$4,846,815	(\$5,408,654)	(\$915,572)	\$1,723,300	(\$1,861,817)	\$2,342,584	\$170,557	(\$5,146,470)	(\$9,786,742)	(\$11,006,191)	\$0
Net Off System Trades (Above the Line)	\$5,479,930	\$2,017,704	(\$2,035,957)	\$7,117,730	\$13,609,113	\$14,839,918	\$26,948,377	\$25,004,310	\$10,365,621	\$6,506,277	\$998,449	\$0
12 Month Cumulative Total	\$5,479,930	\$7,497,634	\$5,461,677	\$12,579,407	\$26,188,520	\$41,028,438	\$67,976,815	\$92,981,125	\$103,346,746	\$109,853,023	\$110,849,472	\$110,849,472

Note 1: Current month margin reclassified between trading and non-trading due to non-trading transactions being booked out with trading transactions.



Realization Sharing Calculations

	East Detail	East Realization	West Realization	Total Realization	West Share of Realization	East Share of Realization	Eastern Funds To West	Account Number
Outlook Purchases	(\$600,673,734)		(\$7,328,874)					
Energy Purch. - B/O Margin Reclass (Note 1)	(\$644,174)		\$482,072					
Purchases Commission	(\$118,903)							
		(\$601,436,811)	(\$6,846,799)	(\$608,283,610)	(\$175,081,573)	(\$433,202,037)	(\$188,234,774)	4470.010
Bookout Sales	\$511,234,728		\$16,580					
Less Tractebel Sale	\$0		\$0					
Energy Sales - B/O Margin Reclass (Note 1)	\$5,782,128		\$0					
Sales Commission	(\$84,887)							
		\$616,931,967	\$16,580	\$616,948,547	\$177,575,592	\$439,372,955	\$177,559,012	4470.006
Exercised Option - Purchases	(\$12,379,888)							
Exercised Purchase Option Premiums	(\$689,667)		(\$293,687)					
		(\$13,069,555)	(\$293,687)	(\$13,363,242)	(\$3,846,327)	(\$9,516,915)	(\$3,552,640)	4470.011
Exercised Option - Sales	\$11,337,600							
Exercised Sales Option Premiums	\$144,547		\$97,373					
		\$11,482,147	\$97,373	\$11,579,520	\$3,332,920	\$8,246,600	\$3,235,547	4470.007
Non-Dedicated Spark Gas Commission	(\$7,011)		(\$2,805)					
Non-Dedicated Spark Gas Paribas Futures	(\$7,497,906)		(\$3,000,422)					
Non-Dedicated Swaps - Nel	(\$3,501,274)		(\$1,401,098)					
		(\$11,006,191)	(\$4,404,325)	(\$15,410,516)	(\$4,435,591)	(\$10,974,925)	(\$31,266)	4470.081
Power Swaps - Net	\$1,063,493							
Paribas Power Commissions	(\$274,307)		(\$109,769)					
Power Futures (REFCO)	\$1,355,092		(\$542,285)					
Power Future Accruals (REFCO)	(\$868,829)		(\$347,878)					
		(\$1,414,735)	(\$999,712)	(\$2,414,447)	(\$694,948)	(\$1,719,499)	\$304,764	4470.082
Dow Sales - Associated	\$0							
Dow Purchases - Associated	(\$683,040)							
		\$0		\$0	\$0	\$0	\$0	4470.088
ECR/ICR Realizations	\$21,360,553		\$2,340,043					
Less Purchase Demand Charge	(\$1,260,148)							
Less Realization on Dedicated Transactions	(\$6,117,723)							
Unit Power - CP&L	\$2,770,356							
SO2 Realizations	\$7,638,502							
NOx Realizations	\$0							
Transmission Purchases	(\$136,513)							
Total ECR/ICR Realization		\$24,275,027	\$2,340,043	\$26,615,070	\$7,660,586	\$18,954,484	\$5,320,543	4470.002
Spot Energy Sales (G/L to Invoice Adjustments)	\$1,368,274							
		\$1,368,274		\$1,368,274	\$393,829	\$974,445	\$393,829	4470.089
Adj to Balancing Spot Mkt Energy - AJ (OSS)	(\$477)			(\$477)	(\$137)	(\$340)	(\$137)	4470.090
Transmission Congestion	(\$96,810)							
Transmission Congestion Credits (OSS)	\$434,622							
		\$434,622		\$434,622	\$125,097	\$309,525	\$125,097	4470.100
Operating Reserve Charge/Credit	\$342,305							
Capacity Credit Market	\$4,586							
		\$4,586		\$4,586	\$1,320	\$3,266	\$1,320	4470.098
Point-to-Point Transmission	(\$1,290,215)							
		(\$1,290,215)		(\$1,290,215)	(\$371,361)	(\$918,854)	(\$371,361)	4470.099
Other Support Facilities Charges	\$236,496							
		\$236,496		\$236,496	\$68,070	\$168,426	\$68,070	4470.107
Transmission Owner System Control & Dispatch	(\$78,333)							
		(\$78,333)		(\$78,333)	(\$22,546)	(\$55,787)	(\$22,546)	4470.110
BGE & PEPCO Energy Sales	\$1,835,004							
Transmission Congestion Credits (BGE & PEPCO OSS)	(\$65,000)							
		\$1,770,004		\$1,770,004	\$509,458	\$1,260,546	\$509,458	4470.112
PJM Purchases for BGE & PEPCO	(\$1,642,337)							
FTR Auction Charges	(\$49,480)							
		(\$1,691,817)		(\$1,691,817)	(\$486,954)	(\$1,204,863)	(\$486,954)	5550.035
PJM Scheduling System Control & Dispatch	(\$706,152)							
		(\$706,152)		(\$706,152)	(\$203,251)	(\$502,901)	(\$203,251)	5560.002
<b>Total</b>		<b>\$25,371,292</b>	<b>(\$10,090,527)</b>	<b>\$15,280,765</b>	<b>\$4,398,245</b>	<b>\$10,882,520</b>	<b>\$14,488,772</b>	
Total West Realizations			<u>(\$10,090,527)</u>					
Total AEP Realizations		<u>\$15,280,765</u>						
Eastern AEP's Share of Total Realization		\$10,882,520						
Western AEP's Share of Total Realization		\$4,398,245						
		<u>\$15,280,765</u>						
Eastern AEP Funds to Western AEP			<u>\$14,488,772</u>					

Realization Sharing Ratios		
Base Year	\$0	0.00%
Capacity	\$15,280,765	100.00%
	<u>\$15,280,765</u>	<u>100.00%</u>

Capacity (MW) Realization Sharing		
	24,634,000	71.22%
	<u>9,956,000</u>	<u>28.78%</u>
	<u>\$4,590,000</u>	<u>100.00%</u>

Realization Sharing Calculations  
EASTERN FUNDS TO WESTERN AEP  
ALLOCATION BY OPERATING COMPANY

	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.
MLR	4470.010	4470.006	4470.011	4470.007	4470.081	4470.082	4470.088	
APCO	(51,663,217)	(54,526,597)	(1,090,980)	(993,604)	(9,602)	93,590	0	
KPCO	(12,124,680)	(12,796,676)	(256,039)	(233,186)	(2,253)	21,964	0	
I&M	(33,229,732)	(35,071,456)	(701,717)	(639,085)	(6,176)	60,197	0	
OPCO	(41,498,472)	(43,798,482)	(876,330)	(798,113)	(7,712)	75,176	0	
CSP	(29,718,673)	(31,365,799)	(627,574)	(571,599)	(5,523)	53,837	0	
TOTAL	(168,234,774)	(177,559,012)	(3,552,640)	(3,235,547)	(31,266)	304,764	0	

	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.
	5550.033 (OPCo)	4470.002	4470.089	4470.090	4470.092	4470.100	4470.098	
APCO	(60,374)	(1,633,886)	(120,941)	42	8,557	(38,416)	(30,256)	
KPCO	(14,169)	(383,451)	(28,383)	10	2,008	(9,016)	(7,101)	
I&M	(38,832)	(1,050,914)	(77,789)	27	5,504	(24,709)	(19,461)	
OPCO	(48,495)	(1,312,418)	(97,146)	34	6,874	(30,858)	(24,303)	
CSP	(34,729)	(939,874)	(69,570)	24	4,922	(22,098)	(17,404)	
TOTAL	(186,599)	(5,320,543)	(393,829)	137	27,865	(125,097)	(98,525)	

	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.	ACCOUNT NO.
	4470.099	4470.106	4470.107	4470.110	4470.112	5550.035	5560.002	TOTAL OF ALL	ACCOUNTS
APCO	(405)	114,041	(20,904)	6,924	(156,449)	149,539	62,417	(4,449,355)	
KPCO	(95)	26,764	(4,906)	1,625	(36,717)	35,095	14,648	(1,044,206)	
I&M	(261)	73,351	(13,445)	4,453	(100,628)	96,183	40,146	(2,861,824)	
OPCO	(326)	91,604	(16,791)	5,561	(125,668)	120,117	50,136	(3,573,946)	
CSP	(233)	65,601	(12,024)	3,983	(89,996)	86,020	35,904	(2,559,441)	
TOTAL	(1,320)	371,361	(68,070)	22,546	(609,458)	486,954	203,251	(14,488,772)	

Note 1: Current month margin reclassified between trading and non-trading due to non-trading transactions being booked out with trading transactions.



PJM CHARGES TRANSFERRED FROM nMARKET TO AEE

PJM CHARGE DESCRIPTION	CHARGE/ ACCOUNT NO.	AP AMT	KP AMT	ITM AMT	OP AMT	CS AMT	AEP AMT TOTAL	LESS BUCKEYE CHARGES	PJM CHARGES FOR SIA SHARING
Balancing Operating Reserve Charge (Internal *)	4470108	707,991	166,156	455,379	568,694	407,264	2,305,485		
Balancing Operating Reserve Charge (OSS *)	4470098	168,067	39,443	108,101	135,000	96,579	547,289		547,289
Adj. to Balancing Operating Reserves Charges - Oct 2004 (Internal ****)	4470108	288	82	171	214	153	867		
Adj. to Balancing Operating Reserves Charges - Oct 2004 (OSS ****)	4470098	8,788	2,044	5,801	6,895	5,008	28,357		28,357
Balancing Operating Reserve Generator Credit (Internal *)	4470108	(8,801)	(2,065)	(5,661)	(7,069)	(5,062)	(28,658)		
Balancing Operating Reserve Generator Credit (OSS *)	4470098	(287,913)	(67,570)	(185,186)	(231,266)	(165,619)	(937,554)		(937,554)
Day-Ahead Operating Reserve Charge (Internal *)	4470108	784,841	177,151	485,513	606,326	434,214	2,458,045		
Day-Ahead Operating Reserve Charge (OSS *)	4470098	179,188	42,053	115,254	143,933	103,076	583,505		583,505
Day-Ahead Operating Reserve Generator Credit (Internal *)	4470108	(1,072,493)	(251,700)	(689,827)	(861,480)	(616,940)	(3,492,440)		
Day-Ahead Operating Reserve Generator Credit (OSS *)	4470098	(254,595)	(59,750)	(163,755)	(204,503)	(146,453)	(829,095)		(829,095)
Transmission Congestion Credits (Internal)	4470101	(642,400)	(150,783)	(413,191)	(516,008)	(389,533)	(2,091,896)		
Transmission Congestion Credits (OSS)	4470098	(109,329)	(25,658)	(70,320)	(87,818)	(62,800)	(356,015)		(356,015)
Transmission Congestion Credits (BGE + PEPCO)	4470098	(7,476)	(1,754)	(4,808)	(6,005)	(4,300)	(24,344)		
Adj. to Transmission Congestion Credits (Internal)	4470101	(60,333)	(14,159)	(38,806)	(48,482)	(34,706)	(196,465)		
Regulation Charge (Unallocated)	4470095	1,797,312	421,806	1,156,029	1,443,691	1,033,883	5,852,721		
Regulation Credit (Unallocated)	4470095	(1,747,331)	(410,076)	(1,123,882)	(1,403,544)	(1,005,132)	(5,689,964)		
Spinning Reserve Credits (Unallocated)	4470094	(1,012)	(237)	(651)	(813)	(582)	(3,295)		
Transmission Loss Charge (Day-Ahead and Balancing) (Internal *)	4470094	477,134	111,977	306,892	383,258	274,466	1,593,726		
Transmission Loss Charge (Day-Ahead and Balancing) (OSS *)	4470094	113,265	26,582	72,852	90,980	65,154	368,832		
Adj. to Balancing Transmission Losses (Point-to-Point) Charges - Oct 2004 (Internal *)	4470114	(468)	(81)	(222)	(278)	(199)	(1,125)		
Adj. to Balancing Transmission Losses (Point-to-Point) Charges - Oct 2004 (OSS *)	4470094	(82)	(19)	(53)	(66)	(47)	(267)		
Transmission Loss Credit (Internal *)	4470094	(287,973)	(67,583)	(185,224)	(231,314)	(165,653)	(937,748)		
Transmission Loss Credit (OSS *)	4470094	(68,361)	(16,043)	(43,970)	(54,911)	(39,324)	(222,608)		
Adj. to Transmission Losses Credits - Oct 2004 (Internal *)	4470114	452	106	281	363	280	1,471		
Adj. to Transmission Losses Credits - Oct 2004 (OSS *)	4470094	107	25	68	86	82	349		
Allocation of 6/L to Invoice Adjustments - November Actual									
Spot Energy Sales									
Transmission Congestion (Internal)	4470089	43	10	28	35	25	141		141
Transmission Congestion (OSS)	4470093	(16,916)	(3,970)	(10,880)	(13,588)	(9,731)	(55,084)		
Allocation of 6/L to Invoice Adjustments - October Actual	4470092	(4,016)	(942)	(2,583)	(3,226)	(2,310)	(13,076)		(13,076)
Balancing Operating Reserve Charge (Internal *)	4470108	475,223	111,529	305,663	381,723	273,367	1,547,504		
Balancing Operating Reserve Charge (OSS *)	4470098	81,426	19,110	52,373	65,405	46,839	265,153		265,153
Regulation Charge (Unallocated)	4470095	(2,334)	(548)	(1,501)	(1,875)	(1,343)	(7,600)		
Regulation Credit (Unallocated)	4470095	371,086	87,089	238,682	298,075	213,463	1,208,394		
Transmission Loss Charge (Day-Ahead and Balancing) (Internal *)	4470114	593	139	381	476	341	1,930		
Transmission Loss Charge (Day-Ahead and Balancing) (OSS *)	4470094	102	24	65	82	58	331		
Spot Energy Sales		(420,227)	(98,822)	(270,289)	(337,547)	(241,731)	(1,368,415)		
Transmission Congestion (Internal)	4470089	69,993	16,426	45,019	56,222	40,263	227,924		
Transmission Congestion (OSS)	4470092	11,993	2,815	7,714	9,633	6,899	39,053		(1,368,415)
TOTAL PJM CHARGES TRANSFERRED FROM nMARKET TO AEE (ACTUAL)		225,854	53,005	145,269	181,417	129,920	735,465		
TOTAL PJM CHARGES TRANSFERRED FROM nMARKET TO AEE (ESTIMATED)		(3,442,443)	(807,896)	(2,214,176)	(2,765,141)	(1,980,226)	(11,209,882)		
TOTAL PJM CHARGES TRANSFERRED FROM nMARKET TO AEE (ADJUSTMENT)		3,668,297	860,901	2,359,445	2,946,558	2,110,146	11,945,347		

Note:  
(1) The results shown on this appendix are tabulated for system settlement on IPS, page 1, items VI and VII.

PJM CHARGES (NON-ECR) FROM INVOICE

PJM CHARGE DESCRIPTION	ACCOUNT NO.	CHARGE/ CREDIT	AP AMT	KP AMT	2M AMT	OP AMT	CS AMT	AEP AMT TOTAL	LESS BUCKEYE CHARGES	PJM CHARGES FOR SLA SHARING
inning Reserve Charges (Unallocated)	4470096	CHARGE	531	125	342	427	306	1,731		
ynchronous Condensing Charges (Unallocated)	4470097	CHARGE	163,806	36,443	105,360	131,577	94,227	533,413		
TR Auction Charges (BGE - PEPCO)	5550035	CHARGE	23,092	5,419	14,652	18,548	13,283	75,195		75,195
TR Auction Charges (Internal)	4470101	CHARGE								
eler Correction Charges (Internal *)	4470116	CHARGE	(54,231)	(12,727)	(34,881)	(43,561)	(31,196)	(176,597)		
eler Correction Charges (OSS *)	4470115	CHARGE	(12,874)	(3,021)	(6,280)	(10,341)	(7,405)	(41,922)		
l. to Balancing Spot Market Energy Charges (APSCG/WVPA) for 10/11/2004 - Oct 2004 (Internal *)	4470090	CHARGE	617	145	397	496	355	2,011		
l. to Balancing Spot Market Energy Charges (APSCG/WVPA) for 10/11/2004 - Oct 2004 (OSS *)	4470090	CHARGE	147	34	94	118	84	477		477
l. to Scheduling System Control and Dispatch Service Charges (Internal *)	5560003	CHARGE	915,301	214,809	588,721	735,216	526,517	2,980,564		
l. to Scheduling System Control and Dispatch Service Charges (OSS *)	5560002	CHARGE	217,279	50,993	139,754	174,530	124,988	707,543		707,543
l. to PJM Scheduling System Control and Dispatch Service Charges - Oct 2004 (Internal *)	5560003	CHARGE	(0)	(0)	(0)	(0)	(0)	(0)		(0)
l. to PJM Scheduling System Control and Dispatch Service Charges - Oct 2004 (OSS *)	5560002	CHARGE	(0)	(0)	(0)	(0)	(0)	(0)		(0)
l. to PJM Scheduling System Control and Dispatch Service Charges - Nov 2004 (Internal *)	5560003	CHARGE	(1,799)	(422)	(1,157)	(1,445)	(1,035)	(5,858)		(5,858)
l. to PJM Scheduling System Control and Dispatch Service Charges - Nov 2004 (OSS *)	5560002	CHARGE	(427)	(100)	(275)	(343)	(246)	(1,391)		(1,391)
l. to PJM Scheduling System Control and Dispatch Service Charges (Unallocated)	4470104	CHARGE	39,889	9,361	25,657	32,041	22,946	129,894		
l. to PJM Scheduling System Control and Dispatch Service Charges (Unallocated)	4470104	CHARGE	566,014	132,836	364,059	454,650	325,593	1,843,192		
l. to Reactive Supply and Voltage Control from Generation Sources Service Charges - Nov 2004	4470104	CHARGE	3,448	809	2,218	2,770	1,983	11,228		
l. to Reactive Supply and Voltage Control from Generation Sources Service Charges - Nov 2004	4470104	CHARGE	117,980	27,688	75,865	94,768	67,867	384,188		
l. to Transmission Congestion Charges (FERC FTR Mitigation) - Oct 2004 (Internal *)	4470093	CHARGE	91,632	21,505	58,938	73,604	52,710	298,389		
l. to Transmission Congestion Charges (FERC FTR Mitigation) - Oct 2004 (OSS *)	4470092	CHARGE	21,752	5,105	13,991	17,472	12,513	70,833		70,833
l. to PJM Scheduling System Control and Dispatch Service Charges (Unallocated)	4470103	CHARGE	13,884	3,258	8,930	11,152	7,987	45,211		
l. to Block Start Service Charges - Oct 2004 (Unallocated)	4470105	CHARGE	83	19	53	67	48	270		
l. to Network Integration Transmission Service Charges (Non Affiliate - Buckeye DP/CSP **)	4470107	CHARGE	284,586	66,789	183,046	228,594	163,705	926,720		926,720
l. to Network Integration Transmission Service Charges (OSS/Buckeye other **)	4470107	CHARGE	159,207	37,364	102,402	127,883	91,862	518,436		518,436
l. to Network Integration Transmission Service Charges - Oct 2004 (Internal **)	4470107	CHARGE	(12,374)	(2,904)	(7,959)	(9,939)	(7,118)	(40,294)		(40,294)
l. to Network Integration Transmission Service Charges (OSS)	4470107	CHARGE	(2,937)	(689)	(1,869)	(2,359)	(1,690)	(9,565)		(9,565)
l. to Network Integration Transmission Service Charges (OSS)	4470106	CHARGE	677,844	159,081	435,988	544,478	389,922	2,207,313		2,207,313
l. to Network Integration Transmission Service Charges (OSS)	4470106	CHARGE	291,806	66,483	187,689	234,393	167,858	950,228		950,228
l. to Network Integration Transmission Service Charges (OSS)	4470106	CHARGE	33,247	7,803	21,384	26,705	19,125	108,263		108,263
l. to Network Integration Transmission Service Charges (Internal *)	5570006	CHARGE	15,063	3,535	9,688	12,099	8,665	49,090		
l. to Network Integration Transmission Service Charges (Internal *)	5570006	CHARGE	3,576	839	2,300	2,872	2,057	11,644		
l. to Network Integration Transmission Service Charges (Internal *)	5570006	CHARGE	167,414	39,290	107,681	134,476	96,303	545,164		
l. to Network Integration Transmission Service Charges (Internal *)	5570006	CHARGE	220,721	51,800	141,968	177,294	126,967	718,751		
l. to Network Integration Transmission Service Charges (Internal *)	5570006	CHARGE	(189,676)	(44,514)	(121,999)	(152,357)	(109,109)	(617,656)		
l. to Network Integration Transmission Service Charges for Buckeye hood in Dayton zone - Nov 2004 (OSS)	4470107	CHARGE	1,392	327	895	1,118	801	4,533		
l. to Network Integration Transmission Service Charges for Buckeye hood in Dayton zone - Nov 2004 (OSS)	4470107	CHARGE	43,252	10,151	27,820	34,743	24,880	140,846		140,846
l. to Network Integration Transmission Service Charges (Internal)	5550040	CHARGE	2,367	556	1,523	1,901	1,362	7,709		
l. to Network Integration Transmission Service Charges (Internal)	5550039	CHARGE	197	46	127	158	113	641		
l. to Network Integration Transmission Service Charges (Internal)	5550040	CHARGE	14,011	3,288	9,012	11,254	8,059	45,624		
l. to Network Integration Transmission Service Charges (Internal)	5550039	CHARGE	1,166	274	750	936	670	3,795		
l. to Network Integration Transmission Service Charges (Internal)	5560003	CHARGE	1,535	360	988	1,233	883	5,000		
l. to Network Integration Transmission Service Credits (Unallocated)	4470099	CREDIT	(1,223)	(287)	(787)	(983)	(704)	(3,983)		(4,586)
l. to Network Integration Transmission Service Credits (Unallocated)	4470104	CREDIT	(159,356)	(30,358)	(83,201)	(103,905)	(74,410)	(421,231)		
l. to Network Integration Transmission Service Credits (Unallocated)	4470104	CREDIT	(440,076)	(107,974)	(295,920)	(369,556)	(264,653)	(1,498,179)		
l. to Network Integration Transmission Service Credits (OSS)	4470105	CREDIT	(10,670)	(2,504)	(6,863)	(8,571)	(6,138)	(34,747)		
l. to Network Integration Transmission Service Credits (OSS)	4470106	CREDIT	(7,501)	(1,760)	(4,825)	(6,025)	(4,315)	(24,426)		(24,426)
l. to Network Integration Transmission Service Credits (Internal)	4470106	CREDIT	(57)	(13)	(37)	(46)	(33)	(187)		(187)
l. to Network Integration Transmission Service Credits (Internal)	4470106	CREDIT	(34)	(8)	(22)	(27)	(20)	(111)		(111)
l. to Network Integration Transmission Service Credits (Internal)	5550040	CREDIT	(3)	(1)	(2)	(2)	(2)	(9)		
l. to Network Integration Transmission Service Credits (Internal)	5550039	CREDIT	(0)	(0)	(0)	(0)	(0)	(1)		

PJM CHARGES (NON-ECR) FROM INVOICE

PJM CHARGE DESCRIPTION		CHARGE/	ACCOUNT	AP AMT	XP AMT	IM AMT	OP AMT	CS AMT	AEP AMT TOTAL	LESS BUCKEYE CHARGES	PJM CHARGES FOR STA SHARING
Allocation of Adjustments - October Actual		CREDIT	NO.								
Transmission Owner Scheduling System Control and Dispatch Service Charges (OSS *)		Charge	447010	724	170	466	582	416	2,358		2,358
Network Integration Transmission Service Charges (Non Affiliate - Buckeye OP/CSP **)		Charge	447017	290,861	68,261	187,081	233,634	167,314	947,151		947,151
Firm Point-to-Point Transmission Service Charges (OSS/Buckeye other **)		Charge	447016	(364,196)	(85,472)	(234,251)	(292,541)	(209,500)	(1,185,960)		(1,185,960)
Non-Firm Point-to-Point Transmission Service Charges (OSS)		Charge	447006	(643,182)	(150,946)	(413,694)	(516,635)	(369,983)	(2,094,440)		(2,094,440)
Expansion Integration Charges (Internal *)		Charge	447006	(12,657)	(2,971)	(8,141)	(10,167)	(7,281)	(41,217)		(41,217)
Expansion Integration Charges (Affiliate)		Charge	5370006	(124,536)	(29,227)	(80,101)	(100,033)	(71,638)	(405,535)		(405,535)
Transmission Congestion Credits (OSS)		Charge	5370006	124,536	29,227	80,101	100,033	71,638	405,535		405,535
Transmission Congestion Credits (BGE + PEPCO)		Credit	447010	(183,667)	(43,104)	(118,134)	(147,530)	(105,652)	(598,088)		(598,088)
Transmission Congestion Credits (BGE + PEPCO)		Credit	447012	(24,139)	(5,665)	(15,326)	(19,390)	(13,886)	(78,607)		(78,607)
Transmission Congestion Credits (Internal)		Credit	5350013	19,961	4,685	12,839	16,034	11,482	65,000		65,000
		Credit	447011	(421)	(99)	(271)	(338)	(242)	(1,371)		(1,371)
		Credit	447011	4,600	1,079	2,958	3,695	2,646	14,978		14,978
TOTAL PJM CHARGES (NON-ECR) FROM INVOICE (ACTUAL)				2,394,230	552,507	1,514,239	1,891,035	1,354,244	7,666,255		1,965,146
TOTAL PJM CHARGES (NON-ECR) FROM INVOICE (ESTIMATED)				3,694,045	866,944	2,376,007	2,967,241	2,124,957	12,025,194		
TOTAL PJM CHARGES TRANSFERRED FROM MARKET TO AEE (ADJUSTMENT)		(1)		(1,335,815)	(314,437)	(861,768)	(1,076,206)	(770,713)	(4,342,939)		

Note:

(1) The results shown on this appendix are tabulated for system settlement on IPS, page 1, Items VI and VII.

OFFSET OF BUCKEYE PASS-THROUGH CHARGES ASSOCIATED WITH PJM

PJM CHARGE DESCRIPTION	CHARGE/ ACCOUNT CREDIT NO.	AP AMT	KP AMT	IA AMT	OP AMT	CS AMT	BUCKEYE TOTAL
JM Service Fee (Note: Not a pass-through charge)	4560064	36,549	8,578	23,508	29,358	21,025	119,018
balancing Operating Reserve	4470108	43,577	10,227	28,029	35,003	29,067	141,903
day Ahead Operating Reserve	4470108	46,461	10,904	29,883	37,319	26,726	151,293
regulation	4470095	99,767	23,414	64,170	80,138	57,390	324,878
planning Reserve	4470096	29	7	19	24	17	96
synchronous Condensing	4470097	9,093	2,134	5,848	7,304	5,230	29,609
Allegheny Transmission Congestion	4470101	364	85	234	293	210	1,186
Capacity Credit Market	4470099	185	43	119	149	107	603
JM Scheduling System Control and Dispatch Service Charges	5560003	56,337	13,222	36,236	45,253	32,407	183,455
Transmission Owner Scheduling System Control and Dispatch Service Charges	4470110	16,958	3,886	10,650	13,300	9,525	53,919
excuse Supply and Voltage Control from Generation Sources Service Charges	4470104	40,370	9,474	25,966	32,427	23,222	131,459
lack Start Service Charges	4470105	1,047	246	673	841	602	3,409
network Integration Transmission Service Charges	4470107	440,476	103,374	283,314	353,812	253,379	1,434,354
transitional Market Expansion Charges	5570006	927	218	596	745	533	3,019
expansion Integration Charges	5570006	46,925	11,013	30,182	37,692	26,993	152,805
Other Support Facilities Charges	4470107	42,922	10,073	27,607	34,477	24,690	139,770
d). To Network Integration Transmission Service for Buckeye in Dayton Zone	4470107						
EP Inadvertent Charges - October 2004	5550040	142	33	92	114	82	464
EP Power Factor Charges - October 2005	5550040	9,917	2,327	6,379	7,966	5,705	32,293
005 PJM Annual Membership Fee	5560003	85	20	55	69	49	278
excess Energy Credit							
balancing Operating Reserve Generator	5550038	(1,217,932)	(285,833)	(783,373)	(978,304)	(700,602)	(3,966,044)
day Ahead Operating Reserve Generator	4470108	(434)	(102)	(279)	(348)	(249)	(1,412)
regulation	4470108	(52,853)	(12,404)	(33,995)	(42,454)	(30,403)	(172,110)
planning Reserve	4470095	(86,110)	(20,209)	(55,386)	(69,168)	(49,534)	(280,406)
	4470096	(50)	(12)	(32)	(40)	(29)	(163)
TOTAL OFFSET OF BUCKEYE PASS-THROUGH CHARGES (ACTUAL)		(465,648)	(109,281)	(299,504)	(374,032)	(267,859)	(1,516,324)
TOTAL OFFSET OF BUCKEYE PASS-THROUGH CHARGES (ESTIMATED)		2,279,026	534,858	1,465,867	1,830,628	1,310,984	7,421,363
TOTAL OFFSET OF BUCKEYE PASS-THROUGH CHARGES (ADJUSTMENT)	(1)	(2,744,674)	(644,139)	(1,765,371)	(2,204,660)	(1,578,843)	(8,937,687)

BUCKEYE SHARE OF PJM CONGESTION CHARGES

PJM CHARGE DESCRIPTION	CHARGE/ ACCOUNT CREDIT NO.	AP AMT	KP AMT	IA AMT	OP AMT	CS AMT	AEP AMT TOTAL
transmission Implicit Congestion Charge	4470092	61,434	14,418	39,514	49,347	35,339	200,052
TOTAL BUCKEYE SHARE OF PJM CONGESTION CHARGES (ACTUAL)		61,434	14,418	39,514	49,347	35,339	200,052
TOTAL BUCKEYE SHARE OF PJM CONGESTION CHARGES (ESTIMATED)		102,044	23,946	65,634	81,967	58,700	332,293
TOTAL BUCKEYE SHARE OF PJM CONGESTION CHARGES (ADJUSTMENT)	(1)	(40,610)	(9,530)	(26,120)	(32,620)	(23,361)	(132,241)

ote:  
) The results shown on this appendix are tabulated for system settlement on IPS, page 1, items VIII and IX.