

FILE



Legal Department

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American Electric Power
1 Riverside Plaza
Columbus, OH 43215-2373
AEP.com

PUCO

July 21, 2010

Hon. Greta See, Attorney Examiner
Public Utilities Commission of Ohio
180 East Broad Street
Columbus Ohio 43215-3793

Re: *In the Matter of the Application of Columbus Southern Power
Company and Ohio Power Company to Establish Environmental
Investment Carrying Cost Riders, Case No. 10-155-EL-RDR*

Steven T. Nourse
Senior Counsel -
Regulatory Services
(614) 716-1608 (P)
(614) 716-2014 (F)
stnourse@aep.com

Dear Ms. See:

On February 8, 2010 Columbus Southern Power Company (CSP) and Ohio Power Company (OPCo) (collectively, "AEP Ohio") filed their application to initiate this proceeding. Pursuant to your scheduling order, interested parties filed comments on April 30, 2010 and reply comments on May 10, 2010. The Staff of the Public Utilities Commission of Ohio (Staff) filed in this docket a document entitled "Comments and Recommendations" on April 30, 2010. AEP Ohio has met with the Staff and other interested parties to discuss all of the comments that were filed in this docket.

As a result of those discussions and in response to the Staff's Comments and Recommendations, AEP Ohio would like to update its position as originally reflected in the application as follows:

- 1.) AEP Ohio agrees to include the additional \$317,301 for Conesville Unit 5 draw-off lines that should have been included in the filing as a 2009 environmental investment. (Staff Comments and Recommendations at p. 2)
- 2.) AEP Ohio agrees to exclude the Cook Coal investment of \$2,097,059 inadvertently included in the filing. (Staff Comments and Recommendations at p. 2)
- 3.) Consistent with the Companies' updated position in Case Nos. 10-163-EL-RDR and 10-164-EL-RDR (reflecting Staff's carrying charge recommendations), the Companies agree to revise the as-filed carrying cost to use the same weighted average cost of capital, debt/equity ratio, depreciation factor and FIT factor, property taxes and A&G factor approved in the ESP - except that the property tax component should be adjusted to reflect that most of the environmental facilities (i.e., certified pollution

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control facilities) are exempt from personal property taxes. (Staff Comments and Recommendations at p. 3)

- 4.) The proposed rider, as set forth in the application and updated in this letter, should be adopted.

Exhibit A updates the information presented with the application in this case in support of the Environmental Investment Carrying Charge riders and provides a new corresponding FAC rider, assuming that the Commission adopts the Companies' updated position in time to implement new rates effective August 2010. Alternatively, Exhibit B provides similar rider and FAC information assuming that the Commission adopts the Companies' updated position in time to implement new rates effective September 2010. AEP Ohio fully supports an expedited decision in this case that adopts the Companies' updated position (as reflected in the application and the above updates), AEP Ohio reserves the right to seek rehearing on any aspect of the Commission's decision that varies from the updated position.

Very truly yours,

 via Matthew Satterwhite

Steven T. Nourse

cc: Counsel of Record

Environmental Exhibit A

COLUMBUS SOUTHERN POWER COMPANY
CARRYING COSTS INCURRED
BASED ON INCREMENTAL ENVIRONMENTAL CAPITAL ADDITIONS MADE FROM JANUARY 2009 THROUGH DECEMBER 2009
\$000

Ln. No.	Description	Source	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ongoing 2010/2011***	Total
1	2009 Cumulative Environmental Spend	From Ln. 20	\$ 7,215	\$ 16,036	\$ 24,804	\$ 31,955	\$ 40,012	\$ 45,109	\$ 51,689	\$ 58,292	\$ 62,411	\$ 66,062	\$ 72,903	\$ 79,074	\$	79,074
2	Carrying Cost Rate 25 Yr Property	14.94% / 12 (Sch. 3)		1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%		1.13%
3	Environmental Carrying Costs	Prior Month Ln. 1 x Ln. 3	\$ -	\$ 82	\$ 182	\$ 261	\$ 362	\$ 453	\$ 511	\$ 585	\$ 660	\$ 707	\$ 748	\$ 826	\$	896
4	Pool Capacity Allocation Factors	Schedule 4	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%		99%
5	Carrying Costs Internal Load	Ln. 3 x Ln. 4	\$ -	\$ 81	\$ 180	\$ 279	\$ 369	\$ 450	\$ 507	\$ 581	\$ 656	\$ 702	\$ 743	\$ 820	\$	889
6	Jurisdictional Allocation Factor	Schedule 5	97.7%	97.7%	97.7%	97.7%	97.7%	97.7%	97.7%	97.7%	97.7%	97.7%	97.7%	97.7%		100.0%
7	Juris. Rev. Requirement (RR) 2009	Ln. 5 x Ln. 6	\$ -	\$ 79	\$ 176	\$ 273	\$ 351	\$ 440	\$ 495	\$ 565	\$ 641	\$ 686	\$ 726	\$ 801	\$	889
8																
9	2009 Revenue Requirement	Sum of Jan - Dec												\$ 5,236		
10																
11	2010 & 2011 RR on 2009 Actual Investment	Ongoing RR (Ln.7) x 24													\$ 21,336	
12																
13	Total Revenue Requirement	Ln. 9 + Ln. 11													\$ 26,572	
14																
15	Non-FAC Revenue (17 Months)*	Exhibit DMR-1 **													631,807,500	
16	ECCR	Ln. 13 Divided by Ln. 15													4.20704%	
17	Capital Spend															
18	CSP Monthly Environmental Capital Spend	Schedule 2	\$ 7,215	\$ 8,742	\$ 8,592	\$ 6,878	\$ 7,706	\$ 4,657	\$ 6,085	\$ 6,035	\$ 3,478	\$ 2,965	\$ 6,115	\$ 5,370		\$73,838
19	Prior Months Carrying Cost	Ln. 7	\$ -	\$ 79	\$ 176	\$ 273	\$ 351	\$ 440	\$ 495	\$ 568	\$ 841	\$ 686	\$ 726	\$ 801		\$ 5,236
20	CSP Cumulative Environmental Capital Spend	Ln. 18 + Ln. 19	\$ 7,215	\$ 16,036	\$ 24,804	\$ 31,955	\$ 40,012	\$ 45,109	\$ 51,689	\$ 58,292	\$ 62,411	\$ 66,062	\$ 72,903	\$ 79,074		\$79,074

*Generation Revenue Used represents 18 months from ESP filing. This % of G will recover the 2009 Environmental carrying costs over 18 Months from July 2010 through December 2011.

** Exhibit DMR-1 was updated to comply with the July 23, 2009 Entry on Rehearing for the ESP (Case Nos. 08-917 and 08-918).

***Jurisdictional Allocation Factor Ongoing 2010/2011 represents the expiration of the City of Westerville Wholesale Contract.

COLUMBUS SOUTHERN POWER COMPANY
INCREMENTAL ENVIRONMENTAL CAPITAL ADDITIONS MADE FROM JANUARY 2009 THROUGH DECEMBER 2009

\$ in thousands

Major Project	2009												Cumulative for 2009
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Conesville Unit 4 FGD	4,122	8,332	7,003	4,715	5,322	1,540	40	842	721	143	306	(25)	33,061
Conesville Unit 4 SCR	525	(815)	(39)	1,047	720	190	1,523	254	150	97	11	36	3,699
Conesville Unit 5 FGD	866	126	244	213	337	680	1,410	1,225	1,960	1,202	4,286	1,713	14,262
Conesville Unit 6 FGD	104	18	30	7	3	2	2	6	1	3	1	1,514	1,691
Stuart Units 1-4 FGD	225	709	634	121	383	833	1,033	2,150	(1,015)	153	57	162	5,445
Associated SO2 Landfill	321	23	147	322	543	650	907	689	835	630	289	188	5,544
Mercury	233	106	75	68	137	295	661	404	611	277	669	1,037	4,573
NOx Assoc	104	35	136	79	179	265	212	150	(76)	1	104	488	1,677
Other FGD	290	23	8	4	3		1	15	8	26	13	64	455
Other Environmental	425	185	354	302	79	202	296	300	283	433	379	193	3,431
Total Incremental Environmental	\$7,215	\$8,742	\$8,592	\$6,878	\$7,706	\$4,657	\$6,085	\$6,035	\$3,478	\$2,965	\$6,115	\$5,370	\$73,838

Columbus Southern Power
Annual Investment Carrying Charges
For Economic Analyses
As of 12/31/2007

CSP Schedule 3
(EXHIBIT PJN-10 - ESP Case 08-917 & 918)

	Investment Life (Years)									
	7	8	10	15	20	25	30	33	40	50
Return (1)	8.11	8.11	8.11	8.11	8.11	8.11	8.11	8.11	8.11	8.11
Depreciation (2)	12.12	10.31	7.81	4.59	3.07	2.23	1.71	1.48	1.12	0.81
FIT (3) (4)	2.67	2.59	1.49	1.79	1.86	1.64	1.50	1.44	1.34	1.24
Property Taxes, General & Admin Expenses	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
	24.50	22.62	19.02	16.10	14.65	13.59	12.92	12.64	12.17	11.77

(1) See EXHIBIT PJN-11 (Case Nos. 08-917 & 918)

(2) Sinking Fund annuity with R1 Dispersion of Retirements

(3) Assuming MACRS Tax Depreciation

(4) @ 35% Federal Income Tax Rate

**COLUMBUS SOUTHERN POWER COMPANY
AEP POOL CAPACITY SETTLEMENT RATIOS
JANUARY 2009 THROUGH DECEMBER 2009**

	<u>MEMBER PRIMARY CAPACITY KW</u> (1)	<u>MEMBER LOAD RATIO</u> (2)	<u>PRIMARY CAPACITY KW RESERVATION</u> (3)
Jan	4,841,000	0.18660	4,880,100
Feb	4,841,000	0.18306	4,794,000
Mar	4,841,000	0.18306	4,799,800
Apr	4,841,000	0.18306	4,799,800
May	4,841,000	0.18306	4,799,800
Jun	4,841,000	0.18306	4,799,800
Jul	4,841,000	0.18455	4,838,900
Aug	4,841,000	0.18632	4,885,300
Sep	4,841,000	0.18632	4,885,300
Oct	4,841,000	0.18036	4,729,000
Nov	4,841,000	0.18036	4,729,000
Dec	4,849,000	0.18036	4,735,500
	<u>58,100,000</u> (a)		<u>57,676,300</u> (b)
Ratio (b)/(a)			<u>99.3%</u>

COLUMBUS SOUTHERN POWER COMPANY
Calculation of Jurisdiction Factors
January 2009 through December 2009

Monthly Jurisdictional Allocation Ratios

Line	Month	Jurisdictional Sales at Gen Level Kwh			Jurisdictional Ratios	
		Whlse (Wstville)	Retail	Total	Whlse (Wstville)	Retail
<u>Actual</u>						
1	January	49,419,743	2,131,771,120	2,181,190,864		
2	February	40,527,687	1,747,364,957	1,787,892,644		
3	March	39,783,813	1,868,586,317	1,908,370,130		
4	April	36,694,339	1,589,727,100	1,626,421,439		
5	May	38,787,691	1,666,097,746	1,704,885,438		
6	June	41,795,942	1,862,749,465	1,904,545,407		
7	July	41,132,368	1,838,103,377	1,879,235,745		
8	August	48,926,669	2,003,381,172	2,052,307,841		
9	September	42,033,480	1,604,110,502	1,646,143,982		
10	October	38,387,385	1,643,611,320	1,681,998,705		
11	November	37,165,102	1,575,606,737	1,612,771,838		
12	December	45,470,301	1,876,645,453	1,922,115,754		
10	Jan - Dec	500,124,520	21,407,755,267	21,907,879,787	0.02300	0.97700

P.U.C.O. NO. 7

ENVIRONMENTAL RIDER

Effective Cycle 1 August 2010, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Environmental Investment Carrying Cost Rider charge of 4.20704% of the customer's Non-Fuel generation charges under the Company's Schedules, excluding charges under any applicable Riders. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

Filed pursuant to Order dated _____ in Case No. _____

Issued: _____

Issued by
Joseph Hamrock, President
AEP Ohio

Effective: Cycle 1 July 2010

Line No.	Voltage Loss Factors	Residential	GS-1	GS-2	GS-3	GS-4/IRP-D
1	2009 Revenues					
2	Non-FAC	531,278,381	\$34,265,272	\$144,312,956	\$341,199,875	\$58,108,094
3	FAC	226,219,544	\$11,130,384	\$53,499,313	\$211,431,528	\$74,939,120
4	Total	757,497,925	45,395,657	197,812,269	552,631,403	133,047,214
5	2010 Allowable % Increase	6%	6%	6%	6%	6%
6	2010 Target Revenues	802,947,800	48,119,386	209,681,005	585,789,287	141,030,047
7	Less:					
8	Non-FAC	531,278,381	34,265,272	144,312,956	341,199,875	58,108,094
9	2010 Increases Under Cap					
10	Environmental	2,864,041	288,082	1,397,872	2,789,820	488,528
11	ESRP Rider	359,588	15,486	48,234	105,275	8,181
12	gridSMART™	(514,330)	(22,150)	(66,131)	(150,578)	(11,701)
13	Subtotal	533,987,680	34,546,690	145,690,931	343,944,392	58,593,102
14	2010 FAC Target	268,960,120	13,572,706	63,990,074	241,844,895	82,436,945
15	Fuel Recovered (Jan-July)	180,780,017	8,149,775	37,619,916	140,749,219	48,473,775
16	Revised FAC Target	108,180,103	5,422,931	26,370,158	101,095,676	33,963,170
17	kWh by Voltage (August-Dec)					
18	Secondary	3,036,473,117	149,179,738	727,030,182	1,952,874,832	
19	Primary			25,913,945	1,070,590,785	
20	Sub/Tran					1,105,270,702
21	Loss Adjusted kWh					
22	Secondary	1.0578	3,211,981,263	157,802,327	799,052,527	2,065,750,997
23	Primary	1.0233	0	0	26,517,740	1,095,536,650
24	Sub/Tran	1.0039	0	0	0	1,109,581,258
25	Total		3,211,981,263	157,802,327	795,570,267	3,161,288,547
26	FAC Rate @ Generation		0.033680179	0.034365339	0.033146234	0.031979283
27	FAC Rate @ Meter					
28	Secondary	1.0578	0.0356269	0.0363517	0.0350821	0.0338277
29	Primary	1.0233			0.0339185	0.0327244
30	Sub/Tran	1.0039				0.0307284
31	Revenue Verification					
32	Secondary		108,180,124	5,422,937	25,491,205	66,061,264
33	Primary		0	0	878,962	35,034,441
34	Sub/Tran		0	0	0	0
35	Total		108,180,124	5,422,937	26,370,167	101,095,705
36	Difference		21	6	9	29

* Same as GS-4

** Composite of GS-2, GS-3 & GS-4

Line 1 - 2009 Non-FAC Revenue
Line 2 - 2009 FAC Revenue
Line 3 - Line 1 Plus Line 2
Line 4 - Allowable 2010 ESP rate increase
Line 5 - Line 4 Times Line 4
Line 6 - Line 1
Line 7 - Environmental Revenue Requirement
Line 8 - ESRP Rider
Line 9 - gridSMART™ Rider
Line 10 - Sum of Lines 6, 7 & 9
Line 11 - Line 5 Minus Line 10
Line 12 - Fuel Recovered from January through July 2010
Line 13 - Line 11 Minus Line 12

Line 14 through Line 16 - kWh by class per ESP rate Schedules
Line 17 through Line 19 - Lines 14 through 16 Times Voltage Loss Factors
Line 20 - Sum of Lines 17 through 19
Line 21 - Line 13 Divided by Line 20
Lines 22 through Line 24 - Line 21 Times Voltage Loss Factors
Line 25 - Line 22 times Line 14
Line 26 - Line 23 Times Line 15
Line 27 - Line 24 Times Line 16
Line 28 - Sum of Lines 25 through 27
Line 29 - Line 13 Minus Line 28

Line No.	Voltage Loss Factors	Joint S.T.	Joint S.T.	AL	SL	SBS	Shopping	Total
2009 Revenues								
1	Non-FAC	\$33,453,486	\$110,622	\$8,894,139	\$3,711,923		\$3,883,200	\$1,159,017,948
2	FAC	\$62,301,979	\$57,528	\$1,794,969	\$1,273,644		\$0	\$642,648,009
3	Total	95,755,465	168,149	10,489,108	4,985,567	0	3,883,200	1,801,665,957
4	2010 Allowable % Increase	6%	6%	6%	6%	6%	6%	6%
5	2010 Target Revenues	101,500,793	178,238	11,118,454	5,284,701	0	4,116,192	1,909,765,915
6	Less: Non-FAC	33,453,486	110,622	8,894,139	3,711,923	0	3,883,200	1,159,017,948
7	2010 Increases Under Cap							
8	Environmental	218,861	1,097	26,514	7,937	0	0	\$8,082,752
9	ESRP Rider	5,098	27	8,733	3,707		3,984	\$558,313
10	gridSMART™	(7,292)	(39)	(12,491)	(5,302)		(5,698)	
11	Subtotal	33,670,153	111,707	8,716,896	3,718,265	0	3,881,488	1,167,100,700
12	2010 FAC Target	67,830,640	66,531	2,401,559	1,568,436		234,706	\$742,904,612
13	Fuel Recovered (Jan-July)	34,782,484	34,566	1,436,356	937,754			\$432,963,862
14	Revised FAC Target	33,048,156	31,965	965,203	628,682			\$309,706,044
kWh by Voltage (August-Dec)								
15	Secondary			21,911,562	16,064,821			
16	Primary							
17	Sub/Tran	930,000,000	868,928					
Loss Adjusted kWh								
18	Secondary	1.0578	0	23,178,050	16,993,368			
19	Primary	1.0233	0	0	0			
20	Sub/Tran	1.0039	933,627,000	872,317	0			
21	Total		933,627,000	872,317	23,178,050	16,993,368	0	
22	FAC Rate @ Generation		0.0353976	0.03864429	0.041642989	0.036965729		
FAC Rate @ Meter								
23	Secondary	1.0578	0.0323782 *	0.0323782 *	0.04405	0.0391341	0.0341826 **	
24	Primary	1.0233	0.0313222	0.0313222			0.0327526 **	
25	Sub/Tran	1.0039	0.0307284	0.0307284			0.0307284 **	
Revenue Verification								
26	Secondary		0	0	965,204	628,682	0	
27	Primary		0	0	0	0	0	
28	Sub/Tran		28,577,412	26,701	0	0	0	
29	Total		28,577,412	26,701	965,204	628,682	0	
30	Difference		(4,470,744)	(5,264)	1	(0)	0	

* Same as GS-4

** Composite of GS-2, GS-3 & GS-4

Line 1 - 2009 Non-FAC Revenue

Line 2 - 2009 FAC Revenue

Line 3 - Line 1 Plus Line 2

Line 4 - Allowable 2010 ESP rate increase

Line 5 - Line 4 Times Line 4

Line 6 - Line 1

Line 7 - Environmental Revenue Requirement

Line 8 - ESRP Rider

Line 9 - gridSMART™ Rider

Line 10 - Sum of Lines 6, 7, 8 & 9

Line 11 - Line 5 Minus Line 10

Line 12 - Fuel Recovered from January through Ju

Line 13 - Line 11 Minus Line 12

Line 14 through Line 16 - kWh by class per ESP rate Schedules

Line 17 through Line 19 - Lines 14 through 16 Times Voltage Loss Factors

Line 20 - Sum of Lines 17 through 19

Line 21 - Line 13 Divided by Line 20

Lines 22 through Line 24 - Line 21 Times Voltage Loss Factors

Line 25 - Line 22 Times Line 14

Line 26 - Line 23 Times Line 15

Line 27 - Line 24 Times Line 16

Line 28 - Sum of Lines 25 through 27

Line 29 - Line 13 Minus Line 28

OHIO POWER COMPANY
CARRYING COSTS INCURRED
BASED ON INCREMENTAL ENVIRONMENTAL CAPITAL ADDITIONS MADE FROM JANUARY 2009 THROUGH DECEMBER 2009
\$000

<u>Ln. No.</u>	<u>Description</u>	<u>Source</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Ongoing 2010/2011</u>	<u>Total</u>
1	2009 Cumulative Environmental Spend	From Ln. 21	\$ 33,997	\$ 59,710	\$ 76,901	\$ 91,893	\$ 109,393	\$ 119,384	\$ 123,469	\$ 127,809	\$ 135,031	\$ 143,939	\$ 152,012	\$ 157,104	\$ 157,104	
2	Carrying Cost Rate 25 Yr Property	13.98% / 12 (Sch. 3)		1.11%	1.11%	1.11%	1.11%	1.11%	1.11%	1.11%	1.11%	1.11%	1.11%	1.11%	1.11%	
3	Environmental Carrying Costs	Prior Month Ln. 1 x Ln. 3	\$ -	\$ 378	\$ 864	\$ 855	\$ 1,022	\$ 1,218	\$ 1,327	\$ 1,373	\$ 1,421	\$ 1,501	\$ 1,600	\$ 1,690	\$ 1,748	
4	Pool Capacity Allocation Factors	Schedule 4	67.9%	67.9%	67.9%	67.9%	67.9%	67.9%	67.9%	67.9%	67.9%	67.9%	67.9%	67.9%	67.9%	
5	Carrying Costs Internal Load	Ln. 3 x Ln. 4	\$ -	\$ 257	\$ 451	\$ 580	\$ 894	\$ 828	\$ 901	\$ 932	\$ 965	\$ 1,019	\$ 1,066	\$ 1,147	\$ 1,188	
6	Jurisdictional Allocation Factor	Schedule 5	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	
7	Juris. Rev. Requirement (RR) 2009	Ln. 5 x Ln. 6	\$ -	\$ 237	\$ 416	\$ 535	\$ 641	\$ 762	\$ 832	\$ 860	\$ 891	\$ 941	\$ 1,002	\$ 1,059	\$ 1,095	
8																
9	2009 Revenue Requirement	Sum of Jan - Dec												\$ 8,176		
10																
11	2010 & 2011 RR on 2009 Actual Investment	Ongoing RR (Ln.7) x 24													\$ 26,280	
12																
13	Total Revenue Requirement	Ln. 9 + Ln. 11													\$ 34,457	
14																
15	Non-FAC Revenue (17 Months)*	Exhibit DMR-1**													822,878,000	
16	EICCR	Ln. 13 Divided by Ln. 15													4.18738%	
17																
18	Capital Spend															
19	OPCo Monthly Environmental Capital Spend	Schedule 2	\$ 33,997	\$ 25,476	\$ 16,775	\$ 14,457	\$ 16,859	\$ 9,229	\$ 3,253	\$ 3,480	\$ 6,331	\$ 7,967	\$ 7,071	\$ 4,033		\$ 148,928
20	Prior Months Carrying Cost	Ln. 7	\$ -	\$ 237	\$ 416	\$ 535	\$ 641	\$ 762	\$ 832	\$ 860	\$ 891	\$ 941	\$ 1,002	\$ 1,059		\$ 8,176
21	OPCo Cumulative Environmental Capital Spend	Ln. 19 + Ln. 20	\$ 33,997	\$ 59,710	\$ 76,901	\$ 91,893	\$ 109,393	\$ 119,384	\$ 123,469	\$ 127,809	\$ 135,031	\$ 143,939	\$ 152,012	\$ 157,104		\$ 157,104

*Generation Revenue Used represents 18 months from ESP filing. This % of G will recover the 2009 Environmental carrying costs over 18 Months from July 2010 through December 2011.

** Exhibit DMR-1 was updated to comply with the July 23, 2009 Entry on Rehearing for the ESP (Case Nos. 08-917 and 08-918).

OHIO POWER COMPANY
INCREMENTAL ENVIRONMENTAL CAPITAL ADDITIONS MADE FROM JANUARY 2009 THROUGH DECEMBER 2009

\$ in thousands

Major Project	2009												Cumulative for 2009
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Amos Unit 3 Precipitator	18,371	15,458	8,592	2,045	(713)	486	(252)	64	24	(55)	8	(113)	43,915
Amos Unit 3 Ash Disposal	(70)	829	471	608	2,792	1,240	537	960	1,265	1,567	1,215	5,442	16,856
Amos Unit 3 FGD	8,711	2,504	934	1,439	4,131	1,656	975	(1,421)	523	87	486	151	20,176
Amos Unit 3 SCR	20	24		(29)	(10)								5
Cardinal Unit 1 FGD	1,133	724	583	624	680	412	398	294	250	(83)	259	171	5,445
Kammer Units 1-3 Fuel Switch	4,139	3,697	1,802	2,787	2,575	2,749	1,018	2,186	3,126	2,013	1,114	(9,064)	18,142
Mitchell Unit 1 FGD	(138)	81	6	12	38	11	9	1	20	1,030	(57)	354	1,367
Mitchell Unit 2 FGD	131	133	98	2,598	3,764	209	69	89	23	449	883	580	9,026
Associated SO2 Landfill	128	105	69	37	100	175	86	145	(79)	428	748	713	2,655
Mercury	42	27	15	19	141	101	74	105	124	52	258	172	1,130
NOx Assoc	587	1,461	3,693	2,526	1,571	1,400	230	316	328	1,331	293	4,234	17,970
Other FGD	99	105	234	555	580	24	115	6	12	(6)	(3)		1,721
Other Environmental	844	328	278	1,236	1,210	766	(6)	735	715	1,154	1,867	1,393	10,520
	\$33,997	\$25,476	\$16,775	\$14,457	\$16,859	\$9,229	\$3,253	\$3,480	\$6,331	\$7,967	\$7,071	\$4,033	\$148,928

Ohio Power
Annual Investment Carrying Charges
For Economic Analyses
As of 12/31/2007

OPC Schedule 3
(EXHIBIT PJN-10 - ESP Case 08-917 & 918)

	Investment Life (Years)									
	7	8	10	15	20	25	30	33	40	50
Return (1)	8.11	8.11	8.11	8.11	8.11	8.11	8.11	8.11	8.11	8.11
Depreciation (2)	12.12	10.31	7.81	4.59	3.08	2.23	1.71	1.48	1.12	0.81
FIT (3) (4)	2.67	2.59	1.49	1.79	1.86	1.64	1.50	1.44	1.34	1.24
Property Taxes, General & Admin Expenses	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
	24.25	22.37	18.77	15.85	14.40	13.34	12.67	12.39	11.92	11.52

(1) See EXHIBIT PJN-11 (Case Nos. 08-917 & 918)

(2) Sinking Fund annuity with R1 Dispersion of Retirements

(3) Assuming MACRS Tax Depreciation

(4) @ 35% Federal Income Tax Rate

**OHIO POWER COMPANY
AEP POOL CAPACITY SETTLEMENT RATIOS
JANUARY 2009 THROUGH DECEMBER 2009**

	MEMBER PRIMARY CAPACITY KW (1)	MEMBER LOAD RATIO (2)	PRIMARY CAPACITY KW RESERVATION (3)
Jan	8,450,000	0.22937	5,998,700
Feb	8,450,000	0.22503	5,893,100
Mar	8,450,000	0.22503	5,900,300
Apr	8,450,000	0.22503	5,900,300
May	8,450,000	0.22503	5,900,300
Jun	8,450,000	0.22503	5,900,300
Jul	8,450,000	0.21833	5,724,600
Aug	8,450,000	0.21166	5,549,700
Sep	8,450,000	0.21166	5,549,700
Oct	8,450,000	0.21001	5,506,500
Nov	8,450,000	0.21001	5,506,500
Dec	8,458,000	0.21001	5,514,000
	<u>101,408,000 (a)</u>		<u>68,844,000 (b)</u>
Ratio (b)/(a)			<u>67.9%</u>

OHIO POWER COMPANY
Calculation of Jurisdiction Factors
January 2009 through December 2009

Monthly Jurisdictional Allocation Ratios

Line	Month	Jurisdictional Sales at Gen Level Kwh			Jurisdictional Ratios	
		Whlse (WPC)	Retail	Total	Whlse (WPC)	Retail
<u>Actual</u>						
1	January	209,456,700	2,665,312,146	2,874,768,846		
2	February	178,474,583	2,221,118,307	2,399,592,890		
3	March	175,396,483	2,333,667,220	2,509,063,703		
4	April	159,086,489	1,944,093,944	2,103,180,433		
5	May	172,114,063	1,862,711,307	2,034,825,371		
6	June	184,125,209	2,100,353,126	2,284,478,335		
7	July	172,721,436	2,053,983,048	2,226,704,484		
8	August	193,317,632	2,305,947,405	2,499,265,037		
9	September	184,106,881	1,968,209,148	2,152,316,029		
10	October	169,607,736	2,071,176,358	2,240,784,094		
11	November	176,092,035	1,952,041,637	2,128,133,672		
12	December	193,642,580	2,398,420,474	2,592,063,054		
10	Jan - Dec	2,168,141,827	25,877,034,120	28,045,175,948	0.07700	0.92300

P.U.C.O. NO. 7

ENVIRONMENTAL RIDER

Effective Cycle 1 August 2010, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Environmental Investment Carrying Cost Rider charge of 4.18738% of the customer's Non-Fuel generation charges under the Company's Schedules, excluding charges under any applicable Riders. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

Filed pursuant to Order dated _____ In Case No. _____

Issued: _____

Issued by
Joseph Hamrock, President
AEP Ohio

Effective: Cycle 1 July 2010

Line No.		Voltage Loss Factors	Residential	GS-1	GS-2	GS-3
	2009 Revenues					
1	Non-FAC		498,231,312	\$30,524,280	\$215,138,048	\$268,959,552
2	FAC		146,822,581	\$7,016,769	\$64,535,577	\$117,995,927
3	Total		645,053,893	37,541,048	279,673,625	386,955,479
4	2010 Allowable % Increase		7%	7%	7%	7%
5	2010 Target Revenues		690,207,666	40,168,922	299,250,779	414,042,362
	Less:					
6	Non-FAC		498,231,312	30,524,280	215,138,048	268,959,552
	2010 Increases Under Cap					
7	Reliability		21,817	1,329.86	5,779.35	6,438.68
8	Environmental		3,039,086	214,945	1,891,159	2,239,850
9	Subtotal		501,292,214	30,740,555	217,034,986	271,205,840
10	2010 FAC Target		188,915,452	9,428,367	82,215,793	142,836,522
11	Fuel Recovered (Jan-July)		115,001,081	5,748,422	48,097,747	84,268,189
12	Revised FAC Target		73,914,371	3,679,945	34,118,046	58,568,333
	kWh by Voltage (Aug-Dec)					
13	Secondary		3,005,854,173	150,314,189	1,240,088,810	1,191,821,138
14	Primary				155,877,857	1,057,195,477
15	Sub/Tran				88,836,927	367,514,297
	Loss Adjusted kWh					
16	Secondary	1.0662	3,204,841,719	160,264,988	1,322,180,557	1,270,719,697
17	Primary	1.028	0	0	160,242,437	1,086,797,978
18	Sub/Tran	1.0033	0	0	87,123,489	368,727,094
19	Total		3,204,841,719	160,264,988	1,569,546,483	2,726,244,769
20	FAC Rate @ Generation		0.023083345	0.022961631	0.021737518	0.021483153
	FAC Rate @ Meter					
21	Secondary	1.0662	0.0245901	0.0244817	0.0231765	0.0229053
22	Primary	1.028			0.0223462	0.0220847
23	Sub/Tran	1.0033			0.0218093	0.021554
	Revenue Verification					
24	Secondary		73,914,255	3,679,947	28,740,872	27,299,021
25	Primary		0	0	3,483,278	23,347,867
26	Sub/Tran		0	0	1,893,853	7,921,403
27	Total		73,914,255	3,679,947	34,118,003	58,568,291
28	Difference		(116)	2	(43)	(42)

* Same as GS-4

** Composite of GS-2, GS-3 & GS-4

Line 1 - 2009 Non-FAC Revenues

Line 2 - 2009 FAC Revenues

Line 3 - Line 1 Plus Line 2

Line 4 - Allowable 2010 ESP rate increase

Line 5 - Line 6 Times Line 4

Line 6 - Line 1

Line 7 - Reliability Revenue Requirement

Line 8 - Environmental Revenue Requirement

Line 9 - Sum of Lines 6, 7, & 8

Line 10 - Line 5 Less Line 9

Line 11 - Fuel Recovered from January through July 2010

Line 12 - Revised FAC target (Line 10 Minus Line 11)

Line 13 through Line 15 - kWh by class per ESP rate Schedules

Line 16 through Line 18 - Lines 13 through 15 Times Voltage Loss Factors

Line 19 - Sum of Lines 16 through 18

Line 20 - Line 12 Divided by Line 19

Lines 21 through Line 23 - Line 20 Times Voltage Loss Factors

Line 24 - Line 21 times Line 16

Line 25 - Line 22 Times Line 17

Line 26 - Line 23 Times Line 18

Line 27 - Sum of Lines 24 through 26

Line 28 - Line 12 Minus Line 27

Line No.		Voltage Loss Factors	GS-4/IRP-D	Joint S.T.	Joint S.T.	OL	SL
2009 Revenues							
1	Non-FAC		\$176,911,561	\$46,005,137	\$130,377	\$8,858,319	\$7,575,716
2	FAC		\$123,908,185	\$39,713,120	\$35,255	\$1,176,465	\$1,285,754
3	Total		300,817,736	85,718,257	165,632	10,034,784	8,861,470
4	2010 Allowable % Increase		7%	7%	7%	7%	7%
5	2010 Target Revenues		321,874,977	91,718,535	177,227	10,737,219	9,481,773
Less:							
6	Non-FAC		176,911,551	46,005,137	130,377	8,858,319	7,575,716
2010 Increases Under Cap							
7	Reliability		1,450.75	264.21	2.19	487.82	494.66
8	Environmental		2,028,355	535,282	1,622	49,246	43,622
9	Subtotal		178,941,356	46,540,683	132,002	8,908,052	7,619,832
10	2010 FAC Target		142,933,621	45,177,852	45,225	1,829,167	1,861,941
11	Fuel Recovered (Jan-July)		85,457,846	23,244,048	23,269	1,034,009	1,054,366
12	Revised FAC Target		57,475,775	21,933,804	21,956	795,158	807,575
kWh by Voltage (Aug-Dec)							
13	Secondary					26,187,209	33,747,866
14	Primary		70,321,088				
15	Sub/Tran		2,784,933,012	930,000,000	896,780		
Loss Adjusted kWh							
16	Secondary	1.0662	0	0	0	27,920,802	35,981,975
17	Primary	1.028	72,280,078	0	0	0	0
18	Sub/Tran	1.0033	2,794,123,291	933,069,000	899,739	0	0
19	Total		2,866,413,389	933,069,000	899,739	27,920,802	35,981,975
20	FAC Rate @ Generation		0.020051461	0.023507162	0.024402394	0.028479043	0.022443871
FAC Rate @ Meter							
21	Secondary	1.0662	0.0213789	0.0213789 *	0.0213789 *	0.0303644	0.0239297
22	Primary	1.028	0.0206129	0.0206129	0.0206129		
23	Sub/Tran	1.0033	0.0201176	0.0201176	0.0201176		
Revenue Verification							
24	Secondary		0	0	0	795,159	807,576
25	Primary		1,449,522	0	0	0	0
26	Sub/Tran		56,026,168	18,709,368	18,041	0	0
27	Total		57,475,690	18,709,368	18,041	795,159	807,576
28	Difference		(85)	(3,224,436)	(3,915)	1	1

* Same as GS-4

** Composite of GS-2, GS-3 & GS-4

Line 1 - 2009 Non-FAC Revenues

Line 2 - 2009 FAC Revenues

Line 3 - Line 1 Plus Line 2

Line 4 - Allowable 2010 ESP rate increase

Line 5 - Line 6 Times Line 4

Line 6 - Line 1

Line 7 - Reliability Revenue Requirement

Line 8 - Environmental Revenue Requirement

Line 9 - Sum of Lines 6, 7, & 8

Line 10 - Line 5 Less Line 9

Line 11 - Fuel Recovered from January through July 2010

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Line 13 through Line 15 - kWh by class per ESP rate Schedules

Line 16 through Line 18 - Lines 13 through 15 Times Voltage Loss Factors

Line 19 - Sum of Lines 16 through 18

Line 20 - Line 12 Divided by Line 19

Lines 21 through Line 23 - Line 20 Times Voltage Loss Factors

Line 24 - Line 21 times Line 18

Line 25 - Line 22 Times Line 17

Line 26 - Line 23 Times Line 18

Line 27 - Sum of Lines 24 through 26

Line 28 - Line 12 Minus Line 27

Line No.	Voltage Loss Factors	EHG	EHS	SS	SBS	Total
2009 Revenues						
1	Non-FAC	\$1,301,960	\$5,960	\$2,958,606	\$170,739	\$1,256,771,555
2	FAC	\$495,168	\$9,688	\$1,036,200	\$21,179	\$504,049,868
3	Total	1,797,127	15,648	3,994,805	191,918	1,760,821,423
4	2010 Allowable % Increase	7%	7%	7%	7%	7%
5	2010 Target Revenues	1,922,926	16,744	4,274,442	205,352	1,884,078,923
Less:						
6	Non-FAC	1,301,960	5,960	2,958,606	170,739	1,256,771,555
2010 Increases Under Cap						
7	Reliability	53.84	0.10	91.37	4.96	38,215
8	Environmental	6,074	(32)	22,814	1,334	10,073,355
9	Subtotal	1,308,088	5,928	2,981,511	172,078	1,266,883,125
10	2010 FAC Target	614,838	10,816	1,292,931	33,274	617,195,799
11	Fuel Recovered (Jan-July)	395,596	7,200	784,765	16,759	365,133,297
12	Revised FAC Target	219,242	3,616	508,166	16,515	252,062,502
kWh by Voltage (Aug-Dec)						
13	Secondary	9,069,743	155,841	22,110,197		
14	Primary					
15	Sub/Tran				365,253	
Loss Adjusted kWh						
16	Secondary	1.0662	9,670,160	166,158	23,573,892	
17	Primary	1.028	0	0	0	
18	Sub/Tran	1.0033	0	0	0	
19	Total		9,670,160	166,158	23,573,892	0
20	FAC Rate @ Generation	0.022672048	0.021761734	0.021556315		
FAC Rate @ Meter						
21	Secondary	1.0662	0.0241729	0.0232024	0.0229833	0.0230436 **
22	Primary	1.028				0.0220358 **
23	Sub/Tran	1.0033				0.0203259 **
Revenue Verification						
24	Secondary		219,242	3,616	508,165	0
25	Primary		0	0	0	0
26	Sub/Tran		0	0	0	7,424
27	Total		219,242	3,616	508,165	7,424
28	Difference		(0)	0	(1)	(9,091)

* Same as GS-4

** Composite of GS-2, GS-3 & GS-4

Line 1 - 2009 Non-FAC Revenues

Line 2 - 2009 FAC Revenues

Line 3 - Line 1 Plus Line 2

Line 4 - Allowable 2010 ESP rate increase

Line 5 - Line 6 Times Line 4

Line 6 - Line 1

Line 7 - Reliability Revenue Requirement

Line 8 - Environmental Revenue Requirement

Line 9 - Sum of Lines 6, 7, & 8

Line 10 - Line 5 Less Line 9

Line 11 - Fuel Recovered from January through July 2010

Line 12 - Revised FAC target (Line 10 Minus Line 11)

Line 13 through Line 15 - kWh by class per ESP rate Schedules

Line 16 through Line 18 - Lines 13 through 15 Times Voltage Loss Factors

Line 19 - Sum of Lines 16 through 18

Line 20 - Line 12 Divided by Line 19

Lines 21 through Line 23 - Line 20 Times Voltage Loss Factors

Line 24 - Line 21 times Line 16

Line 25 - Line 22 Times Line 17

Line 26 - Line 23 Times Line 18

Line 27 - Sum of Lines 24 through 26

Line 28 - Line 12 Minus Line 27

Environmental Exhibit B

COLUMBUS SOUTHERN POWER COMPANY
CARRYING COSTS INCURRED
BASED ON INCREMENTAL ENVIRONMENTAL CAPITAL ADDITIONS MADE FROM JANUARY 2009 THROUGH DECEMBER 2009
\$000

Ln. No.	Description	Source	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ongoing 2010/2011***	Total
1	2009 Cumulative Environmental Spend	From Ln. 20	\$ 7,215	\$ 16,036	\$ 24,804	\$ 31,955	\$ 40,012	\$ 45,109	\$ 51,689	\$ 58,292	\$ 62,411	\$ 66,062	\$ 72,903	\$ 79,074	\$	79,074
2	Carrying Cost Rate 25 Yr Property	14.94% / 12 (Sch. 3)		1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%
3	Environmental Carrying Costs	Prior Month Ln. 1 x Ln. 3	\$ -	\$ 82	\$ 182	\$ 281	\$ 362	\$ 453	\$ 511	\$ 585	\$ 660	\$ 707	\$ 748	\$ 826	\$	896
4	Pool Capacity Allocation Factors	Schedule 4	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99.3%	99%
5	Carrying Costs Internal Load	Ln. 3 x Ln. 4	\$ -	\$ 81	\$ 180	\$ 279	\$ 359	\$ 450	\$ 507	\$ 581	\$ 656	\$ 702	\$ 743	\$ 820	\$	889
6	Jurisdictional Allocation Factor	Schedule 5	97.7%	97.7%	97.7%	97.7%	97.7%	97.7%	97.7%	97.7%	97.7%	97.7%	97.7%	97.7%	97.7%	100.0%
7	Juris. Rev. Requirement (RR) 2009	Ln. 5 x Ln. 6	\$ -	\$ 79	\$ 176	\$ 273	\$ 351	\$ 440	\$ 495	\$ 566	\$ 641	\$ 686	\$ 726	\$ 801	\$	889
8																
9	2009 Revenue Requirement	Sum of Jan - Dec												\$	5,238	
10																
11	2010 & 2011 RR on 2009 Actual Investment	Ongoing RR (Ln.7) x 24													\$	21,338
12																
13	Total Revenue Requirement	Ln. 9 + Ln. 11													\$	26,572
14																
15	Non-FAC Revenue (16 Months)*	Exhibit DMR-1 **													583,583,282	
16	ECCR	Ln. 13 Divided by Ln. 15													4.55325%	
17	Capital Spend															
18	CSP Monthly Environmental Capital Spend	Schedule 2	\$ 7,215	\$ 8,742	\$ 8,592	\$ 6,878	\$ 7,706	\$ 4,657	\$ 6,085	\$ 6,035	\$ 3,478	\$ 2,965	\$ 6,115	\$ 5,370		\$ 73,838
19	Prior Months Carrying Cost	Ln. 7	\$ -	\$ 79	\$ 176	\$ 273	\$ 351	\$ 440	\$ 495	\$ 566	\$ 641	\$ 686	\$ 726	\$ 801		\$ 5,238
20	CSP Cumulative Environmental Capital Spend	Ln. 18 + Ln. 19	\$ 7,215	\$ 16,036	\$ 24,804	\$ 31,955	\$ 40,012	\$ 45,109	\$ 51,689	\$ 58,292	\$ 62,411	\$ 66,062	\$ 72,903	\$ 79,074		\$ 79,074

*Generation Revenue Used represents 18 months from ESP filing. This % of G will recover the 2009 Environmental carrying costs over 18 Months from July 2010 through December 2011.

** Exhibit DMR-1 was updated to comply with the July 23, 2009 Entry on Rehearing for the ESP (Case Nos. 08-917 and 08-918).

***Jurisdictional Allocation Factor Ongoing 2010/2011 represents the expiration of the City of Westerville Wholesale Contract.

COLUMBUS SOUTHERN POWER COMPANY
INCREMENTAL ENVIRONMENTAL CAPITAL ADDITIONS MADE FROM JANUARY 2009 THROUGH DECEMBER 2009

\$ in thousands

Major Project	2009												Cumulative for 2009
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Conesville Unit 4 FGD	4,122	8,332	7,003	4,715	5,322	1,540	40	842	721	143	306	(25)	33,061
Conesville Unit 4 SCR	525	(815)	(39)	1,047	720	190	1,523	254	150	97	11	36	3,699
Conesville Unit 5 FGD	866	126	244	213	337	680	1,410	1,225	1,960	1,202	4,286	1,713	14,262
Conesville Unit 6 FGD	104	18	30	7	3	2	2	6	1	3	1	1,514	1,691
Stuart Units 1-4 FGD	225	709	634	121	383	833	1,033	2,150	(1,015)	153	57	162	5,445
Associated SO2 Landfill	321	23	147	322	543	650	907	689	835	630	289	188	5,544
Mercury	233	106	75	68	137	295	661	404	611	277	669	1,037	4,573
NOx Assoc	104	35	136	79	179	265	212	150	(76)	1	104	488	1,677
Other FGD	290	23	8	4	3		1	15	8	26	13	64	455
Other Environmental	425	185	354	302	79	202	296	300	283	433	379	193	3,431
Total Incremental Environmental	\$7,215	\$8,742	\$8,592	\$6,878	\$7,706	\$4,657	\$6,085	\$6,035	\$3,478	\$2,965	\$6,115	\$5,370	\$73,838

Columbus Southern Power
Annual Investment Carrying Charges
For Economic Analyses
As of 12/31/2007

CSP Schedule 3
(EXHIBIT PJN-10 - ESP Case 08-917 & 918)

	Investment Life (Years)									
	7	8	10	15	20	25	30	33	40	50
Return (1)	8.11	8.11	8.11	8.11	8.11	8.11	8.11	8.11	8.11	8.11
Depreciation (2)	12.12	10.31	7.81	4.59	3.07	2.23	1.71	1.48	1.12	0.81
FIT (3) (4)	2.67	2.59	1.49	1.79	1.86	1.64	1.50	1.44	1.34	1.24
Property Taxes, General & Admin Expenses	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
	24.50	22.62	19.02	16.10	14.65	13.59	12.92	12.64	12.17	11.77

(1) See EXHIBIT PJN-11 (Case Nos. 08-917 & 918)

(2) Sinking Fund annuity with R1 Dispersion of Retirements

(3) Assuming MACRS Tax Depreciation

(4) @ 35% Federal Income Tax Rate

**COLUMBUS SOUTHERN POWER COMPANY
AEP POOL CAPACITY SETTLEMENT RATIOS
JANUARY 2009 THROUGH DECEMBER 2009**

	<u>MEMBER PRIMARY CAPACITY kW</u>	<u>MEMBER LOAD RATIO</u>	<u>PRIMARY CAPACITY kW RESERVATION</u>
	(1)	(2)	(3)
Jan	4,841,000	0.18660	4,880,100
Feb	4,841,000	0.18306	4,794,000
Mar	4,841,000	0.18306	4,799,800
Apr	4,841,000	0.18306	4,799,800
May	4,841,000	0.18306	4,799,800
Jun	4,841,000	0.18306	4,799,800
Jul	4,841,000	0.18455	4,838,900
Aug	4,841,000	0.18632	4,885,300
Sep	4,841,000	0.18632	4,885,300
Oct	4,841,000	0.18036	4,729,000
Nov	4,841,000	0.18036	4,729,000
Dec	4,849,000	0.18036	4,735,500
	<u>58,100,000 (a)</u>		<u>57,676,300 (b)</u>
Ratio (b)/(a)			<u><u>99.3%</u></u>

COLUMBUS SOUTHERN POWER COMPANY
Calculation of Jurisdiction Factors
January 2009 through December 2009

Monthly Jurisdictional Allocation Ratios

Line	Month	Jurisdictional Sales at Gen Level Kwh			Jurisdictional Ratios	
		Whlse (Wstville)	Retail	Total	Whlse (Wstville)	Retail
<u>Actual</u>						
1	January	49,419,743	2,131,771,120	2,181,190,864		
2	February	40,527,687	1,747,364,957	1,787,892,644		
3	March	39,783,813	1,868,586,317	1,908,370,130		
4	April	36,694,339	1,589,727,100	1,626,421,439		
5	May	38,787,691	1,666,097,746	1,704,885,438		
6	June	41,795,942	1,862,749,465	1,904,545,407		
7	July	41,132,368	1,838,103,377	1,879,235,745		
8	August	48,926,669	2,003,381,172	2,052,307,841		
9	September	42,033,480	1,604,110,502	1,646,143,982		
10	October	38,387,385	1,643,611,320	1,681,998,705		
11	November	37,165,102	1,575,606,737	1,612,771,838		
12	December	45,470,301	1,876,645,453	1,922,115,754		
10	Jan - Dec	500,124,520	21,407,755,267	21,907,879,787	0.02300	0.97700

P.U.C.O. NO. 7

ENVIRONMENTAL RIDER

Effective Cycle 1 September 2010, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Environmental Investment Carrying Cost Rider charge of 4.55325% of the customer's Non-Fuel generation charges under the Company's Schedules, excluding charges under any applicable Riders. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

Filed pursuant to Order dated _____ in Case No. _____

Issued: _____

Issued by
Joseph Hamrock, President
AEP Ohio

Effective: Cycle 1 July 2010

Line No.	Voltage Loss Factors	Residential	GS-1	GS-2	GS-3	GS-4/IRP-D
1	2009 Revenues					
2	Non-FAC	531,278,381	\$34,265,272	\$144,312,956	\$341,199,875	\$58,108,094
3	FAC	226,219,544	\$11,130,384	\$53,499,313	\$211,431,528	\$74,939,120
4	Total	757,497,925	45,395,657	197,812,269	552,631,403	133,047,214
5	2010 Allowable % Increase	6%	6%	6%	6%	6%
6	2010 Target Revenues	802,947,800	48,119,396	209,681,005	586,789,287	141,030,047
7	Less:					
8	Non-FAC	531,278,381	34,265,272	144,312,956	341,199,875	58,108,094
9	2010 Increases Under Cap					
10	Environmental	2,124,126	248,595	1,175,719	2,371,079	423,625
11	ESRP Rider	274,796	12,233	36,383	82,872	6,549
12	gridSMART™	(393,050)	(17,497)	(62,040)	(118,534)	(9,367)
13	Subtotal	533,284,253	34,506,603	145,473,018	343,535,292	58,528,901
14	2010 FAC Target	269,663,547	13,612,793	64,207,987	242,253,995	82,501,146
15	Fuel Recovered (Jan-Aug)	186,521,800	9,375,383	43,806,974	163,277,492	55,343,169
16	Revised FAC Target	83,141,947	4,237,410	20,401,013	78,976,503	27,157,977
17	kWh by Voltage (September-Dec)					
18	Secondary	2,331,593,112	117,127,732	563,824,686	1,530,903,062	
19	Primary			21,271,175	836,560,917	
20	Sub/Tran					884,865,419
21	Loss Adjusted kWh					
22	Secondary	1.0578	2,466,359,194	123,897,715	596,413,753	1,619,389,259
23	Primary	1.0233	0	0	21,766,793	856,052,786
24	Sub/Tran	1.0039	0	0	0	888,316,394
25	Total		2,466,359,194	123,897,715	618,180,546	2,475,442,045
26						888,316,394
27	FAC Rate @ Generation	0.033710387	0.034200869	0.033001706	0.031904	0.030572414
28	FAC Rate @ Meter					
29	Secondary	1.0578	0.0358589	0.0361777	0.0349092	0.0337461
30	Primary	1.0233			0.0337706	0.0326474
31	Sub/Tran	1.0039				0.0306916
32	Revenue Verification					
33	Secondary		83,142,046	4,237,412	19,682,669	51,665,070
34	Primary		0	0	718,340	27,311,539
35	Sub/Tran		0	0	0	27,157,935
36	Total		83,142,046	4,237,412	20,401,009	78,976,609
37	Difference		99	2	(4)	106

* Same as GS-4

** Composite of GS-2, GS-3 & GS-4

Line 1 - 2009 Non-FAC Revenue

Line 2 - 2009 FAC Revenue

Line 3 - Line 1 Plus Line 2

Line 4 - Allowable 2010 ESP rate increase

Line 5 - Line 6 Times Line 4

Line 6 - Line 1

Line 7 - Environmental Revenue Requirement

Line 8 - ESRP Rider

Line 9 - gridSMART™ Rider

Line 10 - Sum of Lines 8, 7, 8 & 9

Line 11 - Line 5 Minus Line 10

Line 12 - Fuel Recovered from January through July 2010

Line 13 - Line 11 Minus Line 12

Line 14 through Line 16 - kWh by class per ESP rate Schedules

Line 17 through Line 19 - Lines 14 through 16 Times Voltage Loss Factors

Line 20 - Sum of Lines 17 through 19

Line 21 - Line 13 Divided by Line 20

Lines 22 through Line 24 - Line 21 Times Voltage Loss Factors

Line 25 - Line 22 times Line 14

Line 26 - Line 23 Times Line 15

Line 27 - Line 24 Times Line 16

Line 28 - Sum of Lines 25 through 27

Line 29 - Line 13 Minus Line 28

Line No.	Voltage Loss Factors	Joint S.T.	Joint S.T.	AL	SL	SBS	Shopping	Total
2009 Revenues								
1	Non-FAC	\$33,453,486	\$110,822	\$8,694,139	\$3,711,923		\$3,883,200	\$1,159,017,948
2	FAC	\$62,301,978	\$57,528	\$1,794,969	\$1,273,644		\$0	\$642,648,009
3	Total	95,755,465	168,149	10,489,108	4,985,567	0	3,883,200	1,801,665,957
4	2010 Allowable % Increase	6%	8%	6%	6%	6%	6%	6%
5	2010 Target Revenues	101,500,793	178,238	11,118,454	5,284,701	0	4,116,192	1,908,765,915
6	Less:							
8	Non-FAC	33,453,486	110,822	8,694,139	3,711,923	0	3,883,200	1,159,017,948
7	2010 Increases Under Cap							
7	Environmental	189,498	837	22,758	7,005	0	0	\$5,561,242
8	ESRP Rider	4,105	21	6,908	3,183		3,262	\$430,312
9	gridSMART™	(5,872)	(30)	(9,881)	(4,552)		(4,668)	
10	Subtotal	33,641,217	111,450	8,713,924	3,717,559	0 0	3,881,796	1,165,579,190
11	2010 FAC Target	67,859,576	66,788	2,404,530	1,567,142		234,396	\$744,371,900
12	Fuel Recovered (Jan-Aug)	34,782,484	34,566	1,639,386	1,041,372			\$495,822,426
13	Revised FAC Target	33,077,092	32,222	765,144	525,770			\$248,315,078
kWh by Voltage (September-Dec)								
14	Secondary			17,408,547	13,443,480			
15	Primary							
16	Sub/Tran	744,000,000	612,265					
Loss Adjusted kWh								
17	Secondary	1.0578	0	18,414,867	14,220,513			
18	Primary	1.0233	0	0	0			
19	Sub/Tran	1.0039	746,901,600	614,673	0			
20	Total		746,901,600	614,673	18,414,867	14,220,513	0	
21	FAC Rate @ Generation		0.044285742	0.05242207	0.041550356	0.036972649		
FAC Rate @ Meter								
22	Secondary	1.0578	0.0323395 *	0.0323395 *	0.043952	0.0391097	0.0340806 **	
23	Primary	1.0233	0.0312848	0.0312848			0.0326753 **	
24	Sub/Tran	1.0039	0.0306916	0.0306916			0.0306916 **	
Revenue Verification								
25	Secondary		0	0	765,145	525,770	0	
26	Primary		0	0	0	0	0	
27	Sub/Tran		22,834,550	18,792	0	0	0	
28	Total		22,834,550	18,792	765,145	525,770	0	
29	Difference		(10,242,542)	(13,430)	1	(0)	0	

* Same as GS-4

** Composite of GS-2, GS-3 & GS-4

Line 1 - 2009 Non-FAC Revenue

Line 2 - 2009 FAC Revenue

Line 3 - Line 1 Plus Line 2

Line 4 - Allowable 2010 ESP rate increase

Line 5 - Line 6 Times Line 4

Line 6 - Line 1

Line 7 - Environmental Revenue Requirement

Line 8 - ESRP Rider

Line 9 - gridSMART™ Rider

Line 10 - Sum of Lines 6,7,8 & 9

Line 11 - Line 5 Minus Line 10

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Line 14 through Line 16 - kWh by class per ESP rate Schedules

Line 17 through Line 19 - Lines 14 through 16 Times Voltage Loss Factors

Line 20 - Sum of Lines 17 through 19

Line 21 - Line 13 Divided by Line 20

Lines 22 through Line 24 - Line 21 Times Voltage Loss Factors

Line 25 - Line 22 times Line 14

Line 26 - Line 23 Times Line 15

Line 27 - Line 24 Times Line 16

Line 28 - Sum of Lines 25 through 27

Line 29 - Line 13 Minus Line 28

OHIO POWER COMPANY
CARRYING COSTS INCURRED
BASED ON INCREMENTAL ENVIRONMENTAL CAPITAL ADDITIONS MADE FROM JANUARY 2009 THROUGH DECEMBER 2009
\$000

Ln. No.	Description	Source	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ongoing 2010/2011	Total
1	2009 Cumulative Environmental Spend	From Ln. 21	\$ 33,997	\$ 59,710	\$ 76,901	\$ 91,893	\$ 109,393	\$ 119,384	\$ 123,469	\$ 127,809	\$ 135,031	\$ 143,939	\$ 152,012	\$ 157,104	\$ 157,104	
2	Carrying Cost Rate 25 Yr Property	13.98% / 12 (Sch. 3)		1.11%	1.11%	1.11%	1.11%	1.11%	1.11%	1.11%	1.11%	1.11%	1.11%	1.11%	1.11%	1.11%
3	Environmental Carrying Costs	Prior Month Ln. 1 x Ln. 3	\$ -	\$ 378	\$ 664	\$ 855	\$ 1,022	\$ 1,216	\$ 1,327	\$ 1,373	\$ 1,421	\$ 1,501	\$ 1,600	\$ 1,690	\$ 1,746	
4	Pool Capacity Allocation Factors	Schedule 4	67.9%	67.9%	67.9%	67.9%	67.9%	67.9%	67.9%	67.9%	67.9%	67.9%	67.9%	67.9%	67.9%	67.9%
5	Carrying Costs Internal Load	Ln. 3 x Ln. 4	\$ -	\$ 257	\$ 451	\$ 580	\$ 694	\$ 826	\$ 901	\$ 932	\$ 965	\$ 1,019	\$ 1,086	\$ 1,147	\$ 1,186	
6	Jurisdictional Allocation Factor	Schedule 5	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%
7	Juris. Rev. Requirement (RR) 2009	Ln. 5 x Ln. 6	\$ -	\$ 237	\$ 416	\$ 535	\$ 641	\$ 762	\$ 832	\$ 880	\$ 891	\$ 941	\$ 1,002	\$ 1,059	\$ 1,095	
8																
9	2009 Revenue Requirement	Sum of Jan - Dec												\$ 8,176		
10																
11	2010 & 2011 RR on 2009 Actual Investment	Ongoing RR (Ln.7) x 24													\$ 26,280	
12																
13	Total Revenue Requirement	Ln. 9 + Ln. 11													\$ 34,457	
14																
15	Non-FAC Revenue (18 Months)*	Exhibit DMR-1**													771,133,825	
16	EICCR	Ln. 13 Divided by Ln. 15													4.45835%	
17																
18	Capital Spend															
19	OPCo Monthly Environmental Capital Spend	Schedule 2	\$ 33,997	\$ 25,478	\$ 16,775	\$ 14,457	\$ 16,859	\$ 9,229	\$ 3,263	\$ 3,480	\$ 6,331	\$ 7,967	\$ 7,071	\$ 4,033		\$ 148,928
20	Prior Months Carrying Cost	Ln. 7	\$ -	\$ 237	\$ 416	\$ 535	\$ 641	\$ 762	\$ 832	\$ 880	\$ 891	\$ 941	\$ 1,002	\$ 1,059		\$ 8,176
21	OPCo Cumulative Environmental Capital Spend	Ln. 19 + Ln. 20	\$ 33,997	\$ 59,710	\$ 76,901	\$ 91,893	\$ 109,393	\$ 119,384	\$ 123,469	\$ 127,809	\$ 135,031	\$ 143,939	\$ 152,012	\$ 157,104		\$ 157,104

*Generation Revenue Used represents 18 months from ESP filing. This % of G will recover the 2009 Environmental carrying costs over 18 Months from July 2010 through December 2011.

** Exhibit DMR-1 was updated to comply with the July 23, 2009 Entry on Rehearing for the ESP (Case Nos. 08-917 and 08-918).

OHIO POWER COMPANY
INCREMENTAL ENVIRONMENTAL CAPITAL ADDITIONS MADE FROM JANUARY 2009 THROUGH DECEMBER 2009

\$ in thousands

Major Project	2009												Cumulative for 2009
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Amos Unit 3 Precipitator	18,371	15,458	8,592	2,045	(713)	486	(252)	64	24	(55)	8	(113)	43,915
Amos Unit 3 Ash Disposal	(70)	829	471	608	2,792	1,240	537	960	1,265	1,567	1,215	5,442	16,856
Amos Unit 3 FGD	8,711	2,504	934	1,439	4,131	1,656	975	(1,421)	523	87	486	151	20,176
Amos Unit 3 SCR	20	24		(29)	(10)								5
Cardinal Unit 1 FGD	1,133	724	583	624	680	412	398	294	250	(83)	259	171	5,445
Kammer Units 1-3 Fuel Switch	4,139	3,697	1,802	2,787	2,575	2,749	1,018	2,186	3,126	2,013	1,114	(9,064)	18,142
Mitchell Unit 1 FGD	(138)	81	6	12	38	11	9	1	20	1,030	(57)	354	1,367
Mitchell Unit 2 FGD	131	133	98	2,598	3,764	209	69	89	23	449	883	580	9,026
Associated SO2 Landfill	128	105	69	37	100	175	86	145	(79)	428	748	713	2,655
Mercury	42	27	15	19	141	101	74	105	124	52	258	172	1,130
NOx Assoc	587	1,461	3,693	2,526	1,571	1,400	230	316	328	1,331	293	4,234	17,970
Other FGD	99	105	234	555	580	24	115	6	12	(6)	(3)		1,721
Other Environmental	844	328	278	1,236	1,210	766	(6)	735	715	1,154	1,867	1,393	10,520
	\$33,997	\$25,476	\$16,775	\$14,457	\$16,859	\$9,229	\$3,253	\$3,480	\$6,331	\$7,967	\$7,071	\$4,033	\$148,928

Ohio Power
Annual Investment Carrying Charges
For Economic Analyses
As of 12/31/2007

OPC Schedule 3
(EXHIBIT PJN-10 - ESP Case 08-917 & 918)

	Investment Life (Years)									
	7	8	10	15	20	25	30	33	40	50
Return (1)	8.11	8.11	8.11	8.11	8.11	8.11	8.11	8.11	8.11	8.11
Depreciation (2)	12.12	10.31	7.81	4.59	3.08	2.23	1.71	1.48	1.12	0.81
FIT (3) (4)	2.67	2.59	1.49	1.79	1.86	1.64	1.50	1.44	1.34	1.24
Property Taxes, General & Admin Expenses	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
	24.25	22.37	18.77	15.85	14.40	13.34	12.67	12.39	11.92	11.52

(1) See EXHIBIT PJN-11 (Case Nos. 08-917 & 918)

(2) Sinking Fund annuity with R1 Dispersion of Retirements

(3) Assuming MACRS Tax Depreciation

(4) @ 35% Federal Income Tax Rate

**OHIO POWER COMPANY
AEP POOL CAPACITY SETTLEMENT RATIOS
JANUARY 2009 THROUGH DECEMBER 2009**

	MEMBER PRIMARY CAPACITY KW (1)	MEMBER LOAD RATIO (2)	PRIMARY CAPACITY KW RESERVATION (3)
Jan	8,450,000	0.22937	5,998,700
Feb	8,450,000	0.22503	5,893,100
Mar	8,450,000	0.22503	5,900,300
Apr	8,450,000	0.22503	5,900,300
May	8,450,000	0.22503	5,900,300
Jun	8,450,000	0.22503	5,900,300
Jul	8,450,000	0.21833	5,724,600
Aug	8,450,000	0.21166	5,549,700
Sep	8,450,000	0.21166	5,549,700
Oct	8,450,000	0.21001	5,506,500
Nov	8,450,000	0.21001	5,506,500
Dec	8,458,000	0.21001	5,514,000
	<u>101,408,000 (a)</u>		<u>68,844,000 (b)</u>
Ratio (b)/(a)			<u>67.9%</u>

OHIO POWER COMPANY
Calculation of Jurisdiction Factors
January 2009 through December 2009

Monthly Jurisdictional Allocation Ratios

Line	Month	Jurisdictional Sales at Gen Level Kwh			Jurisdictional Ratios	
		Whlse (WPC)	Retail	Total	Whlse (WPC)	Retail
<u>Actual</u>						
1	January	209,456,700	2,665,312,146	2,874,768,846		
2	February	178,474,583	2,221,118,307	2,399,592,890		
3	March	175,396,483	2,333,667,220	2,509,063,703		
4	April	159,086,489	1,944,093,944	2,103,180,433		
5	May	172,114,063	1,862,711,307	2,034,825,371		
6	June	184,125,209	2,100,353,126	2,284,478,335		
7	July	172,721,436	2,053,983,048	2,226,704,484		
8	August	193,317,632	2,305,947,405	2,499,265,037		
9	September	184,106,881	1,968,209,148	2,152,316,029		
10	October	169,607,736	2,071,176,358	2,240,784,094		
11	November	176,092,035	1,952,041,637	2,128,133,672		
12	December	193,642,580	2,398,420,474	2,592,063,054		
10	Jan - Dec	2,168,141,827	25,877,034,120	28,045,175,948	0.07700	0.92300

P.U.C.O. NO. 7

ENVIRONMENTAL RIDER

Effective Cycle 1 September 2010, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Environmental Investment Carrying Cost Rider charge of 4.46836% of the customer's Non-Fuel generation charges under the Company's Schedules, excluding charges under any applicable Riders. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

Filed pursuant to Order dated _____ in Case No. _____

Issued: _____

Issued by
Joseph Hamrock, President
AEP Ohio

Effective: Cycle 1 July 2010

Line No.	Voltage Loss Factors	Residential	GS-1	GS-2	GS-3	GS-4/IRP-D
2009 Revenues						
1	Non-FAC	498,231,312	\$30,524,280	\$215,138,048	\$268,959,552	\$176,911,551
2	FAC	146,822,581	\$7,016,769	\$64,535,577	\$117,995,927	\$123,906,185
3	Total	645,053,893	37,541,048	279,673,625	386,955,479	300,817,736
4	2010 Allowable % Increase	7%	7%	7%	7%	7%
5	2010 Target Revenues	690,207,866	40,168,922	299,250,779	414,042,362	321,874,977
Less:						
6	Non-FAC	498,231,312	30,524,280	215,138,048	268,959,552	176,911,551
7	2010 Increases Under Cap					
8	Reliability	16,851	1,058.27	4,587.02	5,097.22	1,163.30
9	Environmental	2,494,973	180,782	1,592,880	1,893,835	1,712,377
10	Subtotal	500,743,135	30,706,120	216,735,515	270,858,484	178,625,092
11	2010 FAC Target	189,464,531	9,462,802	82,515,264	143,183,878	143,249,885
12	Fuel Recovered (Jan-Aug)	132,827,688	6,573,876	55,688,017	98,844,354	97,374,737
13	Revised FAC Target	56,636,843	2,888,926	26,827,247	46,339,524	45,875,148
kWh by Voltage (September-Dec)						
14	Secondary	2,309,730,750	118,468,683	975,010,372	935,493,654	
15	Primary			125,471,132	846,082,628	56,506,345
16	Sub/Tran			69,987,809	294,292,565	2,226,930,624
Loss Adjusted kWh						
17	Secondary	1.0662	2,462,634,926	126,311,310	1,039,556,059	997,423,334
18	Primary	1.028	0	0	128,984,324	889,783,222
19	Sub/Tran	1.0033	0	0	70,218,769	295,263,730
20	Total		2,462,634,926	126,311,310	1,238,759,152	2,162,470,286
21	FAC Rate @ Generation		0.022998473	0.022871477	0.021656548	0.021428976
22	FAC Rate @ Meter					0.020012122
23	Secondary	1.0662	0.024521	0.0243856	0.0230902	0.0228476
24	Primary	1.028			0.0222629	0.022029
25	Sub/Tran	1.0033			0.021728	0.0214997
Revenue Verification						
26	Secondary		56,636,908	2,888,930	22,513,184	21,373,785
27	Primary		0	0	2,793,351	18,638,575
28	Sub/Tran		0	0	1,520,695	6,327,202
29	Total		56,636,908	2,888,930	26,827,230	46,339,562
30	Difference		65	4	(17)	38

* Same as GS-4

** Composite of GS-2, GS-3 & GS-4

Line 1 - 2009 Non-FAC Revenues

Line 2 - 2009 FAC Revenues

Line 3 - Line 1 Plus Line 2

Line 4 - Allowable 2010 ESP rate increase

Line 5 - Line 6 Times Line 4

Line 6 - Line 1

Line 7 - Reliability Revenue Requirement

Line 8 - Environmental Revenue Requirement

Line 9 - Sum of Lines 6, 7, & 8

Line 10 - Line 5 Less Line 9

Line 11 - Fuel Recovered from January through July 2010

Line 12 - Revised FAC target (Line 10 Minus Line 11)

Line 13 through Line 15 - kWh by class per ESP rate Schedules

Line 16 through Line 18 - Lines 13 through 15 Times Voltage Loss Factors

Line 19 - Sum of Lines 16 through 18

Line 20 - Line 12 Divided by Line 19

Lines 21 through Line 23 - Line 20 Times Voltage Loss Factors

Line 24 - Line 21 times Line 16

Line 25 - Line 22 Times Line 17

Line 26 - Line 23 Times Line 18

Line 27 - Sum of Lines 24 through 26

Line 28 - Line 12 Minus Line 27

Line No.	Voltage Loss Factors	Joint S.T.	Joint S.T.	OL	SL	EHG	EHS
2009 Revenues							
1	Non-FAC	\$46,005,137	\$130,377	\$8,858,319	\$7,575,716	\$1,301,960	\$5,960
2	FAC	\$39,713,120	\$35,255	\$1,176,465	\$1,285,754	\$495,168	\$9,688
3	Total	85,718,257	165,632	10,034,784	8,861,470	1,797,127	15,648
4	2010 Allowable % Increase	7%	7%	7%	7%	7%	7%
5	2010 Target Revenues	91,718,535	177,227	10,737,219	9,481,773	1,922,926	16,744
Less:							
6	Non-FAC	46,005,137	130,377	8,858,319	7,575,716	1,301,960	5,960
2010 Increases Under Cap							
7	Reliability	212.62	0.29	386.89	397.69	43.21	0.09
8	Environmental	456,960	1,230	40,666	36,571	5,226	(31)
9	Subtotal	46,462,310	131,607	8,899,372	7,612,684	1,307,229	5,929
10	2010 FAC Target	45,256,225	45,620	1,837,847	1,869,089	615,697	10,815
11	Fuel Recovered (Jan-Aug)	23,244,048	23,269	1,173,516	1,188,286	439,757	7,554
12	Revised FAC Target	22,012,177	22,351	664,331	680,803	175,940	3,261
kWh by Voltage (September-Dec)							
13	Secondary			21,863,186	24,978,716	7,292,530	140,464
14	Primary						
15	Sub/Tran	744,000,000	636,903				
Loss Adjusted kWh							
16	Secondary	1.0662	0	0	23,310,540	26,632,307	7,775,295
17	Primary	1.028	0	0	0	0	0
18	Sub/Tran	1.0033	746,455,200	639,005	0	0	0
19	Total		746,455,200	639,005	23,310,540	26,632,307	7,775,295
20	FAC Rate @ Generation		0.029488946	0.034977085	0.028499177	0.025563041	0.022628096
FAC Rate @ Meter							
21	Secondary	1.0662	0.0213369 *	0.0213369 *	0.0303858	0.0272553	0.0241261
22	Primary	1.028	0.0205725	0.0205725			0.0232135
23	Sub/Tran	1.0033	0.0200782	0.0200782			
Revenue Verification							
24	Secondary		0	0	664,331	680,802	175,940
25	Primary		0	0	0	0	0
26	Sub/Tran		14,938,181	12,788	0	0	0
27	Total		14,938,181	12,788	664,331	680,802	175,940
28	Difference		(7,073,996)	(9,563)	(0)	(1)	(0)

* Same as GS-4

** Composite of GS-2, GS-3 & GS-4

Line 1 - 2009 Non-FAC Revenues

Line 2 - 2009 FAC Revenues

Line 3 - Line 1 Plus Line 2

Line 4 - Allowable 2010 ESP rate increase

Line 5 - Line 6 Times Line 4

Line 6 - Line 1

Line 7 - Reliability Revenue Requirement

Line 8 - Environmental Revenue Requirement

Line 9 - Sum of Lines 6, 7, & 8

Line 10 - Line 5 Less Line 9

Line 11 - Fuel Recovered from January through July 2010

Line 12 - Revised FAC target (Line 10 Minus Line 11)

Line 13 through Line 15 - kWh by class per ESP rate Schedules

Line 16 through Line 18 - Lines 13 through 15 Times Voltage Loss Factors

Line 19 - Sum of Lines 16 through 18

Line 20 - Line 12 Divided by Line 19

Lines 21 through Line 23 - Line 20 Times Voltage Loss Factors

Line 24 - Line 21 times Line 16

Line 25 - Line 22 Times Line 17

Line 26 - Line 23 Times Line 18

Line 27 - Sum of Lines 24 through 26

Line 28 - Line 12 Minus Line 27

Line No.	Voltage Loss Factors	SS	SBS	Total
2009 Revenues				
1	Non-FAC	\$2,958,606	\$170,739	\$1,258,771,555
2	FAC	\$1,036,200	\$21,179	\$504,049,868
3	Total	3,994,805	191,918	1,760,821,423
4	2010 Allowable % Increase	7%	7%	7%
5	2010 Target Revenues	4,274,442	205,352	1,884,078,923
Less:				
6	Non-FAC	2,958,606	170,739	1,258,771,555
2010 Increases Under Cap				
7	Reliability	76.77	3.93	29,878
8	Environmental	20,587	1,117	8,437,173
9	Subtotal	2,979,270	171,860	1,265,238,606
10	2010 FAC Target	1,295,172	33,492	618,840,318
11	Fuel Recovered (Jan-Aug)	866,480	20,587	416,272,169
12	Revised FAC Target	428,692	12,905 0	202,568,148
kWh by Voltage (September-Dec)				
13	Secondary	18,708,137		
14	Primary			
15	Sub/Tran		183,573	
Loss Adjusted kWh				
16	Secondary	1.0662	19,946,616	
17	Primary	1.028	0	
18	Sub/Tran	1.0033	0	
19	Total		19,946,616	0
20	FAC Rate @ Generation	0.021491983		
FAC Rate @ Meter				
21	Secondary	1.0662	0.0229148	0.0229714 **
22	Primary	1.028		0.0219775 **
23	Sub/Tran	1.0033		0.0202842 **
Revenue Verification				
24	Secondary		428,693	0
25	Primary		0	0
26	Sub/Tran		0	3,724
27	Total		428,693	3,724
28	Difference		1	(9,181)

* Same as GS-4

** Composite of GS-2, GS-3 & GS-4

Line 1 - 2009 Non-FAC Revenues

Line 2 - 2009 FAC Revenues

Line 3 - Line 1 Plus Line 2

Line 4 - Allowable 2010 ESP rate Increase

Line 5 - Line 6 Times Line 4

Line 6 - Line 1

Line 7 - Reliability Revenue Requirement

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Line 9 - Sum of Lines 6, 7, & 8

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Line 24 - Line 21 times Line 16

Line 25 - Line 22 Times Line 17

Line 26 - Line 23 Times Line 18

Line 27 - Sum of Lines 24 through 26

Line 28 - Line 12 Minus Line 27