

EXHIBIT NO. _____

BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of)
Columbus Southern Power Company and)
Ohio Power Company for Authority to) Case No. 11-346-EL-SSO
Establish a Standard Service Offer) Case No. 11-348-EL-SSO
Pursuant to §4928.143, Ohio Rev. Code,)
in the Form of an Electric Security Plan.)

In the Matter of the Application of)
Columbus Southern Power Company and) Case No. 11-349-EL-AAM
Ohio Power Company for Approval of) Case No. 11-350-EL-AAM
Certain Accounting Authority.)

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ON BEHALF OF
COLUMBUS SOUTHERN POWER COMPANY
AND
OHIO POWER COMPANY

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Filed: January 27, 2011

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BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of)	
Columbus Southern Power Company and)	
Ohio Power Company for Authority to)	Case No. 11-346-EL-SSO
Establish a Standard Service Offer)	Case No. 11-348-EL-SSO
Pursuant to §4928.143, Ohio Rev. Code,)	
in the Form of an Electric Security Plan.)	
In the Matter of the Application of)	
Columbus Southern Power Company and)	Case No. 11-349-EL-AAM
Ohio Power Company for Approval of)	Case No. 11-350-EL-AAM
Certain Accounting Authority.)	

WORK PAPERS FOR:
PHILIP J. NELSON
DAVID M. ROUSH
LAURA J. THOMAS
ANDREA E. MOORE
RENEE V. HAWKINS

ON BEHALF OF
COLUMBUS SOUTHERN POWER COMPANY
AND
OHIO POWER COMPANY

Filed: January 27, 2011

PHILIP J. NELSON WORKPAPERS

**ESTIMATE OF FUEL OVER/UNDER RECOVERY AT
AT 12/31/2011**

Monthly FAC Over/(Under) Recovery 2011

CSP

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	
Deferred Fuel Balance 12/31/2010 (As Filed 1/21/11)													\$ (18,718)
Application of SEET Refund to Balance													\$ 18,718 ←
FAC Revenue	\$ 58,811	\$ 54,370	\$ 52,066	\$ 52,233	\$ 52,233	\$ 52,233	\$ 58,923	\$ 58,923	\$ 58,923	\$ 53,458	\$ 53,458	\$ 53,458	
FAC Cost	\$ 57,964	\$ 54,773	\$ 53,845	\$ 48,241	\$ 50,346	\$ 56,779	\$ 62,873	\$ 61,841	\$ 62,054	\$ 51,027	\$ 52,075	\$ 57,273	
FAC Over/(Under) Recovery	\$ 848	\$ (403)	\$ (1,779)	\$ 3,992	\$ 1,887	\$ (4,545)	\$ (3,951)	\$ (2,918)	\$ 6,869	\$ 2,431	\$ 1,383	\$ (3,814)	\$ 0
Carrying Charges													\$ -
Deferred Fuel Balance 12/31/2011													<u>\$ 0</u>

QPC

Deferred Fuel Balance 12/31/2010													\$(505,876)
FAC Revenue	\$ 68,664	\$ 62,184	\$ 63,538	\$ 55,082	\$ 55,790	\$ 59,831	\$ 64,325	\$ 63,043	\$ 57,538	\$ 56,063	\$ 55,822	\$ 62,216	
FAC Cost	\$ 72,071	\$ 66,550	\$ 68,274	\$ 59,808	\$ 62,914	\$ 65,821	\$ 70,831	\$ 71,855	\$ 63,692	\$ 63,188	\$ 66,854	\$ 75,868	
FAC Over/(Under) Recovery	\$ (3,408)	\$ (4,366)	\$ (4,737)	\$ (4,725)	\$ (7,124)	\$ (5,990)	\$ (6,506)	\$ (8,813)	\$ (6,154)	\$ (7,125)	\$ (11,033)	\$ (13,651)	\$ (83,631)
Carrying Charges	\$ (4,151)	\$ (4,183)	\$ (4,223)	\$ (4,266)	\$ (4,310)	\$ (4,375)	\$ (4,430)	\$ (4,490)	\$ (4,571)	\$ (4,628)	\$ (4,693)	\$ (4,795)	\$ (53,116)
Deferred Fuel Balance 12/31/2011													<u>\$(642,623) ←</u>

PCN 0.8

AEP Consolidated

Utilities International UIPlanner Version J

Ohio FAC Report

(\$000)

CSP 2010 Fall LRP Update What If	Jan 2011	Feb 2011	Mar 2011	Apr 2011	May 2011	Jun 2011	Jul 2011	Aug 2011	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Year 2011
<u>Columbus Southern</u>													
<u>Filing Data</u>													
Total													
Fuel and Purchased Power (exc Renewa	121,155	109,761	108,935	90,801	87,352	108,889	116,802	114,837	100,542	91,247	90,354	104,100	1,242,774
Environmental (Consumables and Allowa	4,653	4,641	4,080	4,120	4,190	4,107	4,546	4,698	4,012	4,095	4,010	5,184	52,316
(Gains) and Losses on Sales of Allowanc			(17)										(17)
Other													
Total Includible FAC Costs	125,808	114,402	112,978	94,921	91,542	110,996	121,348	119,536	104,554	95,341	94,365	109,283	1,295,072
Less: Assigned to Off-System (Inc AEP Affili	69,401	60,887	60,443	48,116	42,328	55,118	59,923	59,005	53,976	46,417	44,651	64,784	655,048
FAC for Internal Load	56,407	53,514	52,535	46,805	49,214	55,879	61,424	60,530	60,578	48,924	49,714	54,499	640,024
Retail Jurisdictional Allocation Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
FAC for Retail Load Before Renewables	56,407	53,514	52,535	46,805	49,214	55,879	61,424	60,530	60,578	48,924	49,714	54,499	640,024
Renewables/RECs	1,557	1,259	1,310	1,436	1,132	900	1,449	1,310	1,478	2,103	2,361	2,774	19,068
FAC for Retail Load	57,964	54,773	53,845	48,241	50,346	56,779	62,873	61,841	52,054	51,027	52,075	57,273	659,091
Retail Load (GWH)	1,752	1,624	1,560	1,338	1,400	1,567	1,737	1,716	1,401	1,350	1,313	1,591	18,349
Wholesale Sales - WPCo (GWH)													
Wholesale Sales - Other (GWH)													
Total Wholesale Sales (GWH)													
FAC Cost Rate After Losses	33.09	33.73	34.62	36.06	35.95	36.24	36.20	36.04	37.14	37.79	39.66	36.01	35.92
FAC Revenue *	58,811	54,370	52,066	52,233	52,233	52,233	58,923	58,923	58,923	53,458	53,458	53,458	659,091
FAC Collection Rate													35.92

For Planning Purposes only.

Not to be construed as management's forecast of actual results.

PTN-Table 2.11

Ohio FAC Report

(\$000)

CSP 2010 Fall LRP Update What If	Jan 2011	Feb 2011	Mar 2011	Apr 2011	May 2011	Jun 2011	Jul 2011	Aug 2011	Sep 2011	Oct 2011	Nov 2011	Dec 2011	Year 2011
Ohio Power													
Filing Data													
Total													
Fuel and Purchased Power (exc Renewa	61,105	55,412	54,561	48,789	51,108	64,136	82,607	85,100	60,145	52,092	50,632	55,457	721,134
Environmental (Consumables and Allowa	12,796	13,988	11,928	9,547	7,761	11,168	12,654	12,860	10,868	9,785	8,889	12,533	134,778
(Gains) and Losses on Sales of Allowanc	(176)	(175)	(240)	(175)	(184)	(184)	(184)	(184)	(184)	(175)	(175)	4,907	2,873
Other													
Total Includible FAC Costs	73,727	69,225	66,239	58,162	58,855	75,119	95,076	97,776	70,829	61,702	59,347	72,898	858,785
Less: Assigned to Off-System (Inc AEP Affil	(2,317)	(1,284)	(6,061)	(4,951)	(8,226)	5,018	20,217	21,618	3,553	(4,408)	(10,342)	(5,694)	7,123
FAC for Internal Load	76,044	70,509	72,299	63,113	66,910	70,101	74,859	76,158	67,276	66,111	69,689	78,592	851,662
Retail Jurisdictional Allocation Factor	0.93	0.92	0.92	0.92	0.92	0.92	0.93	0.92	0.92	0.92	0.92	0.93	
FAC for Retail Load Before Renewables	70,439	65,208	66,866	58,260	61,659	64,800	69,259	70,427	62,111	60,995	64,421	73,027	787,471
Renewables/RECs	1,632	1,342	1,408	1,548	1,255	1,020	1,572	1,429	1,581	2,193	2,433	2,841	20,255
FAC for Retail Load	72,071	66,550	68,274	59,808	62,914	65,821	70,831	71,855	63,692	63,188	66,854	75,868	807,726
Retail Load (GWH)	2,445	2,239	2,293	2,012	2,043	2,175	2,318	2,274	2,090	2,054	2,036	2,236	26,215
Wholesale Sales - WPCo (GWH)	208	188	198	177	184	189	201	206	184	182	184	188	2,289
Wholesale Sales - Other (GWH)	351	321	288	210	213	246	18	1	13	196	229	326	2,411
Total Wholesale Sales (GWH)	557	509	486	388	398	435	218	207	197	378	413	514	4,700
FAC Cost Rate After Losses	29.47	29.72	29.77	29.73	30.80	30.26	30.66	31.60	30.47	30.76	32.84	33.92	30.81
FAC Revenue	68,664	62,184	63,538	55,082	55,790	59,831	64,325	63,043	57,538	56,063	55,822	62,216	724,095
FAC Collection Rate													27.62

*For CSP FAC revenue is calculated to match FAC cost for April 2011 thru December 2011, since increase necessary is under rate cap

Merged View of FAC Costs and Phase-In Recovery

		<u>CSP</u>	<u>OPCo</u>	<u>Total</u>
2011 Est. FAC Cost	\$000	\$ 659,091	\$ 807,726	\$ 1,466,817
2011 Est. Non-Shopping Retail Load	Gwh	18,349	26,215	\$ 44,564
Average FAC Rate	\$/MWH	\$ 35.92	\$ 30.81	\$ 32.91
Phase-In Recovery Rate	\$/MWH	\$ -	\$ 5.15	\$ 2.86
Total Rate	\$/MWH	\$ 35.92	\$ 35.96	\$ 35.77
2011 Estimated Recovery Rate at YE		\$ 35.92	\$ 27.62	
			\$ (3.19)	P. 10
Annual Recovery of Phase-In			\$ 135,261	\$ 135,261
2011 Total Retail Load		21,064	26,280	\$ 47,344
Phase-In Rate			5.15	2.86

OPC FAC Deferral

	2012	2013	2014
Principal	\$ 70,717.96	\$ 79,505.48	\$ 88,284.07
Carrying Cost	\$ 64,543.28	\$ 55,755.78	\$ 45,878.28
Total	\$ 135,261.24	\$ 135,261.24	\$ 135,261.24

Enter Values	645,000.00
Deferral Balance	11.77 %
Pre Tax WACC	7
Period In Years	12
Payments Per Year	12/12/2013
Recovery Start Date	
Adjustments	

Loan Summary	\$ 11,271.77
Monthly Recovery	64
Est Months	64
Actual Months	
Total Adjustments	\$ 303,928.74

Port No.	Payment Date	Beginning Balance	Scheduled Payment	Extra Payment	Total Payment	Principal	Interest	Ending Balance	Cumulative Interest
1	1/1/2011	\$ 645,000.00	\$ 11,271.77		\$ 11,271.77	\$ 4,965.01	\$ 6,306.76	\$ 630,034.99	\$ 6,306.76
2	2/1/2011	\$ 638,034.99	\$ 11,271.77		\$ 11,271.77	\$ 5,013.71	\$ 6,258.06	\$ 623,021.28	\$ 12,564.82
3	3/1/2011	\$ 631,021.28	\$ 11,271.77		\$ 11,271.77	\$ 5,062.63	\$ 6,209.88	\$ 615,958.65	\$ 18,773.70
4	4/1/2011	\$ 623,958.65	\$ 11,271.77		\$ 11,271.77	\$ 5,112.58	\$ 6,161.22	\$ 608,845.35	\$ 24,934.92
5	5/1/2011	\$ 616,845.35	\$ 11,271.77		\$ 11,271.77	\$ 5,162.69	\$ 6,112.58	\$ 601,682.63	\$ 31,047.50
6	6/1/2011	\$ 609,682.63	\$ 11,271.77		\$ 11,271.77	\$ 5,213.33	\$ 6,064.44	\$ 594,469.30	\$ 37,111.84
7	7/1/2011	\$ 602,469.30	\$ 11,271.77		\$ 11,271.77	\$ 5,264.46	\$ 6,017.31	\$ 587,205.84	\$ 43,129.15
8	8/1/2011	\$ 595,205.84	\$ 11,271.77		\$ 11,271.77	\$ 5,316.10	\$ 5,970.67	\$ 579,889.74	\$ 49,099.82
9	9/1/2011	\$ 587,889.74	\$ 11,271.77		\$ 11,271.77	\$ 5,368.24	\$ 5,924.53	\$ 572,521.50	\$ 55,024.35
10	10/1/2011	\$ 580,521.50	\$ 11,271.77		\$ 11,271.77	\$ 5,420.89	\$ 5,878.88	\$ 565,090.61	\$ 60,902.23
11	11/1/2011	\$ 573,090.61	\$ 11,271.77		\$ 11,271.77	\$ 5,474.08	\$ 5,833.80	\$ 557,616.53	\$ 66,736.03
12	12/1/2011	\$ 565,616.53	\$ 11,271.77		\$ 11,271.77	\$ 5,527.78	\$ 5,789.71	\$ 550,088.75	\$ 72,525.74
13	1/1/2012	\$ 558,088.75	\$ 11,271.77		\$ 11,271.77	\$ 5,582.01	\$ 5,746.02	\$ 542,506.74	\$ 78,271.76
14	2/1/2012	\$ 550,506.74	\$ 11,271.77		\$ 11,271.77	\$ 5,636.72	\$ 5,702.84	\$ 534,869.92	\$ 83,974.60
15	3/1/2012	\$ 542,869.92	\$ 11,271.77		\$ 11,271.77	\$ 5,692.01	\$ 5,659.69	\$ 527,177.91	\$ 89,634.61
16	4/1/2012	\$ 535,177.91	\$ 11,271.77		\$ 11,271.77	\$ 5,747.84	\$ 5,617.85	\$ 519,430.07	\$ 95,252.45
17	5/1/2012	\$ 527,430.07	\$ 11,271.77		\$ 11,271.77	\$ 5,804.22	\$ 5,576.63	\$ 511,625.85	\$ 100,839.08
18	6/1/2012	\$ 519,625.85	\$ 11,271.77		\$ 11,271.77	\$ 5,861.14	\$ 5,535.49	\$ 503,764.71	\$ 106,384.57
19	7/1/2012	\$ 511,764.71	\$ 11,271.77		\$ 11,271.77	\$ 5,918.63	\$ 5,495.86	\$ 495,846.08	\$ 111,889.43
20	8/1/2012	\$ 503,846.08	\$ 11,271.77		\$ 11,271.77	\$ 5,976.68	\$ 5,456.80	\$ 487,871.40	\$ 117,346.23
21	9/1/2012	\$ 495,871.40	\$ 11,271.77		\$ 11,271.77	\$ 6,035.31	\$ 5,418.49	\$ 479,836.09	\$ 122,764.72
22	10/1/2012	\$ 487,836.09	\$ 11,271.77		\$ 11,271.77	\$ 6,094.50	\$ 5,380.99	\$ 471,741.59	\$ 128,145.71
23	11/1/2012	\$ 479,741.59	\$ 11,271.77		\$ 11,271.77	\$ 6,154.28	\$ 5,344.28	\$ 463,587.31	\$ 133,489.99
24	12/1/2012	\$ 471,587.31	\$ 11,271.77		\$ 11,271.77	\$ 6,214.64	\$ 5,308.13	\$ 455,372.67	\$ 138,798.12
25	1/1/2013	\$ 463,372.67	\$ 11,271.77		\$ 11,271.77	\$ 6,275.60	\$ 5,272.46	\$ 447,097.07	\$ 144,069.58
26	2/1/2013	\$ 455,097.07	\$ 11,271.77		\$ 11,271.77	\$ 6,337.15	\$ 5,237.31	\$ 438,760.36	\$ 149,306.89
27	3/1/2013	\$ 446,760.36	\$ 11,271.77		\$ 11,271.77	\$ 6,399.31	\$ 5,202.46	\$ 430,361.05	\$ 154,509.35
28	4/1/2013	\$ 438,361.05	\$ 11,271.77		\$ 11,271.77	\$ 6,462.07	\$ 5,167.85	\$ 421,908.98	\$ 159,677.20
29	5/1/2013	\$ 429,908.98	\$ 11,271.77		\$ 11,271.77	\$ 6,525.46	\$ 5,133.56	\$ 413,383.52	\$ 164,810.76
30	6/1/2013	\$ 421,383.52	\$ 11,271.77		\$ 11,271.77	\$ 6,589.46	\$ 5,100.00	\$ 404,794.06	\$ 169,919.76
31	7/1/2013	\$ 412,794.06	\$ 11,271.77		\$ 11,271.77	\$ 6,654.09	\$ 5,067.13	\$ 396,139.97	\$ 175,002.89
32	8/1/2013	\$ 404,139.97	\$ 11,271.77		\$ 11,271.77	\$ 6,719.36	\$ 5,034.82	\$ 387,420.61	\$ 180,067.71
33	9/1/2013	\$ 395,420.61	\$ 11,271.77		\$ 11,271.77	\$ 6,785.26	\$ 5,003.13	\$ 378,635.35	\$ 185,114.84
34	10/1/2013	\$ 386,635.35	\$ 11,271.77		\$ 11,271.77	\$ 6,851.82	\$ 4,972.00	\$ 369,783.53	\$ 190,146.84
35	11/1/2013	\$ 377,783.53	\$ 11,271.77		\$ 11,271.77	\$ 6,919.02	\$ 4,941.46	\$ 360,864.51	\$ 195,164.80
36	12/1/2013	\$ 368,864.51	\$ 11,271.77		\$ 11,271.77	\$ 6,986.88	\$ 4,911.58	\$ 351,877.63	\$ 200,168.38
37	1/1/2014	\$ 359,877.63	\$ 11,271.77		\$ 11,271.77	\$ 7,055.41	\$ 4,882.17	\$ 342,822.12	\$ 205,158.55
38	2/1/2014	\$ 350,822.12	\$ 11,271.77		\$ 11,271.77	\$ 7,124.50	\$ 4,853.27	\$ 333,698.62	\$ 210,135.82
39	3/1/2014	\$ 341,698.62	\$ 11,271.77		\$ 11,271.77	\$ 7,194.16	\$ 4,824.61	\$ 324,504.46	\$ 215,099.43
40	4/1/2014	\$ 332,504.46	\$ 11,271.77		\$ 11,271.77	\$ 7,264.38	\$ 4,796.39	\$ 315,239.08	\$ 220,049.82
41	5/1/2014	\$ 323,239.08	\$ 11,271.77		\$ 11,271.77	\$ 7,335.15	\$ 4,768.62	\$ 305,903.93	\$ 224,987.44
42	6/1/2014	\$ 313,903.93	\$ 11,271.77		\$ 11,271.77	\$ 7,406.46	\$ 4,741.16	\$ 296,497.47	\$ 229,902.60
43	7/1/2014	\$ 304,507.47	\$ 11,271.77		\$ 11,271.77	\$ 7,478.32	\$ 4,714.00	\$ 287,029.15	\$ 234,804.60
44	8/1/2014	\$ 295,059.15	\$ 11,271.77		\$ 11,271.77	\$ 7,550.73	\$ 4,687.27	\$ 277,498.42	\$ 239,693.37
45	9/1/2014	\$ 285,559.42	\$ 11,271.77		\$ 11,271.77	\$ 7,623.79	\$ 4,660.99	\$ 267,907.63	\$ 244,568.36
46	10/1/2014	\$ 276,007.63	\$ 11,271.77		\$ 11,271.77	\$ 7,697.41	\$ 4,635.16	\$ 258,256.22	\$ 249,430.52
47	11/1/2014	\$ 266,404.22	\$ 11,271.77		\$ 11,271.77	\$ 7,771.68	\$ 4,609.80	\$ 248,544.54	\$ 254,280.32
48	12/1/2014	\$ 256,742.54	\$ 11,271.77		\$ 11,271.77	\$ 7,846.59	\$ 4,584.91	\$ 238,772.95	\$ 259,117.23
49	1/1/2015	\$ 247,021.28	\$ 11,271.77		\$ 11,271.77	\$ 7,922.15	\$ 4,560.49	\$ 228,940.80	\$ 263,942.72
50	2/1/2015	\$ 237,239.08	\$ 11,271.77		\$ 11,271.77	\$ 7,998.36	\$ 4,536.54	\$ 219,048.44	\$ 268,757.08
51	3/1/2015	\$ 227,396.89	\$ 11,271.77		\$ 11,271.77	\$ 8,075.13	\$ 4,513.15	\$ 209,095.31	\$ 273,560.23
52	4/1/2015	\$ 217,493.15	\$ 11,271.77		\$ 11,271.77	\$ 8,152.46	\$ 4,490.21	\$ 199,082.69	\$ 278,352.69
53	5/1/2015	\$ 207,529.69	\$ 11,271.77		\$ 11,271.77	\$ 8,230.36	\$ 4,467.82	\$ 189,019.33	\$ 283,134.51
54	6/1/2015	\$ 197,506.33	\$ 11,271.77		\$ 11,271.77	\$ 8,308.82	\$ 4,445.98	\$ 178,905.51	\$ 287,905.72
55	7/1/2015	\$ 187,423.15	\$ 11,271.77		\$ 11,271.77	\$ 8,387.93	\$ 4,424.69	\$ 168,741.22	\$ 292,666.65
56	8/1/2015	\$ 177,279.22	\$ 11,271.77		\$ 11,271.77	\$ 8,467.69	\$ 4,403.95	\$ 158,526.53	\$ 297,417.30
57	9/1/2015	\$ 167,075.53	\$ 11,271.77		\$ 11,271.77	\$ 8,548.10	\$ 4,383.76	\$ 148,261.43	\$ 302,157.84
58	10/1/2015	\$ 156,811.77	\$ 11,271.77		\$ 11,271.77	\$ 8,629.16	\$ 4,364.12	\$ 137,946.27	\$ 306,888.96
59	11/1/2015	\$ 146,487.91	\$ 11,271.77		\$ 11,271.77	\$ 8,710.87	\$ 4,345.03	\$ 127,581.04	\$ 311,610.79
60	12/1/2015	\$ 136,104.04	\$ 11,271.77		\$ 11,271.77	\$ 8,793.23	\$ 4,326.50	\$ 117,167.81	\$ 316,323.29
61	1/1/2016	\$ 125,654.04	\$ 11,271.77		\$ 11,271.77	\$ 8,876.24	\$ 4,308.53	\$ 106,704.57	\$ 321,026.82
62	2/1/2016	\$ 115,138.30	\$ 11,271.77		\$ 11,271.77	\$ 8,960.00	\$ 4,291.11	\$ 96,193.30	\$ 325,721.93
63	3/1/2016	\$ 104,556.53	\$ 11,271.77		\$ 11,271.77	\$ 9,044.51	\$ 4,274.24	\$ 85,634.79	\$ 330,408.17
64	4/1/2016	\$ 93,918.02	\$ 11,271.77		\$ 11,271.77	\$ 9,129.76	\$ 4,257.91	\$ 75,029.26	\$ 335,085.08
65	5/1/2016	\$ 83,223.30	\$ 11,271.77		\$ 11,271.77	\$ 9,215.76	\$ 4,242.11	\$ 64,377.54	\$ 339,753.19
66	6/1/2016	\$ 72,471.77	\$ 11,271.77		\$ 11,271.77	\$ 9,302.51	\$ 4,226.84	\$ 53,675.26	\$ 344,412.70
67	7/1/2016	\$ 61,660.45	\$ 11,271.77		\$ 11,271.77	\$ 9,389.91	\$ 4,212.11	\$ 42,923.54	\$ 349,063.61
68	8/1/2016	\$ 50,788.54	\$ 11,271.77		\$ 11,271.77	\$ 9,478.06	\$ 4,197.91	\$ 32,125.48	\$ 353,705.52
69	9/1/2016	\$ 39,856.53	\$ 11,271.77		\$ 11,271.77	\$ 9,566.96	\$ 4,184.24	\$ 21,288.52	\$ 358,338.48
70	10/1/2016	\$ 28,864.54	\$ 11,271.77		\$ 11,271.77	\$ 9,656.61	\$ 4,171.00	\$ 10,412.93	\$ 362,962.48
71	11/1/2016	\$ 17,811.77	\$ 11,271.77		\$ 11,271.77	\$ 9,747.01	\$ 4,158.21	\$ -8,605.24	\$ 367,577.69
72	12/1/2016	\$ 6,690.00	\$ 11,271.77		\$ 11,271.77	\$ 9,838.16	\$ 4,145.96	\$ -19,918.16	\$ 372,184.65
73	1/1/2017	\$ -4,223.33	\$ 11,271.77		\$ 11,271.77	\$ 9,929.96	\$ 4,134.24	\$ -31,147.40	\$ 376,783.49
74	2/1/2017	\$ -13,236.66	\$ 11,271.77		\$ 11,271.77	\$ 10,022.41	\$ 4,123.05	\$ -42,379.45	\$ 381,374.94
75	3/1/2017	\$ -22,188.15	\$ 11,271.77		\$ 11,271.77	\$ 10,115.51	\$ 4,112.29	\$ -53,494.96	\$ 385,959.23
76	4/1/2017	\$ -31,087.91	\$ 11,271.77		\$ 11,271.77	\$ 10,209.26	\$ 4,101.96	\$ -64,506.92	\$ 390,538.19
77	5/1/2017	\$ -39,935.86	\$ 11,271.77		\$ 11,271.77	\$ 10,303.66	\$ 4,092.06	\$ -75,410.58	\$ 395,111.65
78	6/1/2017	\$ -48,732.15	\$ 11,271.77		\$ 11,271.77	\$ 10,398.71	\$ 4,082.59	\$ -86,215.29	\$ 399,680.46
79	7/1/2017	\$ -57,477.91	\$ 11,271.77		\$ 11,271.77	\$ 10,494.41	\$ 4,073.55	\$ -96,929.70	\$ 404,244.91
80	8/1/2017	\$ -66,173.15	\$ 11,271.77		\$ 11,271.77	\$ 10,590.76	\$ 4,064.95	\$ -107,549.96	\$ 408,805.86
81	9/1/2017	\$ -74,818.02	\$ 11,271.77		\$ 11,271.77	\$ 10,687.76	\$ 4,056.86	\$ -118,077.72	\$ 413,363.14
82	10/1/2017	\$ -83,412.53	\$ 11,271.77		\$ 11,271.77	\$ 10,785.41	\$ 4,049.21	\$ -128,512.93	\$ 417,916.85
83	11/1/2017	\$ -91,956.78	\$ 11,271.77		\$ 11,271.77	\$ 10,883.71	\$ 4,041.99	\$ -138,856.64	\$ 422,467.84
84	12/1/2017	\$ -100,450.00	\$ 11,271.77		\$ 11,271.77	\$ 10,982.66	\$ 4,035.20	\$ -149,109.20	\$ 427,016.04

REC Example For Biodiesel

(1)	Fuel Oil	Price per Gallon	\$	2.53
(2)	Biodiesel	Price per Gallon	\$	2.63
(3)	Delta	Price per Gallon	\$	0.10
(4)	Heat Content	Btu/gallon		136,000
(5)	Biodiesel Concentration	Percent		20%
(6)	Plant Heat Rate	mmBtu/Mwh		10.0
(7)	REC Value =	$((3) / (4) \times 1,000,000 \times (6)) / (5)$	\$	36.76
(8)	RECs Per Mwh =	$1 \times (5)$		0.2

WORKPAPER SUPPORTING ENVIRONMENTAL O&M 2012 (Est. Based on 2010 Actual)

Company & Unit	Equipment	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Total
Jointly Owned Units Total														
Amos 3 - Total*	FGD	\$ 200,831	\$ 200,831	\$ 200,831	\$ 200,831	\$ 200,831	\$ 200,831	\$ 190,781	\$ 137,050	\$ 122,610	\$ 193,082	\$ 125,013	\$ 436,451	\$ 2,409,974
Amos 3 - Total*	SCR	\$ 2,311	\$ 2,311	\$ 2,311	\$ 2,311	\$ 2,311	\$ 2,311	\$ 4,162	\$ 1,378	\$ 3,443	\$ 1,456	\$ 1,317	\$ 2,110	\$ 27,732

OPCo O&M Expense

Amos 3 - OPCo*	FGD	\$ 133,887	\$ 133,887	\$ 133,887	\$ 133,887	\$ 133,887	\$ 133,887	\$ 127,187	\$ 91,367	\$ 81,740	\$ 128,721	\$ 83,342	\$ 290,967	\$ 1,608,849
Cardinal 1	FGD	\$ 912,587	\$ 3,403,966	\$ 593,604	\$ 326,501	\$ 215,791	\$ 204,712	\$ 46,574	\$ 8,188	\$ 132,900	\$ 152,617	\$ 179,861	\$ 753,276	\$ 6,930,377
Gavin 1&2	FGD	\$ 381,276	\$ 691,292	\$ 358,480	\$ 700,314	\$ 672,473	\$ 454,057	\$ 442,622	\$ 598,468	\$ 1,038,668	\$ 716,471	\$ 792,209	\$ 1,201,942	\$ 8,028,272
Kammer	FGD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Mitchell	FGD	\$ (59,246)	\$ 44,800	\$ 96,532	\$ 101,818	\$ 523,148	\$ 747,097	\$ 632	\$ 40,106	\$ 1,122,073	\$ (123,073)	\$ (83,239)	\$ 272,794	\$ 2,683,242
MR 1-5	FGD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sporn 2-5	FGD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Amos 3 - OPCo*	SCR	\$ 1,541	\$ 1,541	\$ 1,541	\$ 1,541	\$ 1,541	\$ 1,541	\$ 2,775	\$ 819	\$ 2,295	\$ 971	\$ 878	\$ 1,407	\$ 18,488
Cardinal 1	SCR	\$ 12,272	\$ 23,958	\$ 26,086	\$ 27,392	\$ 21,281	\$ 13,902	\$ 29,370	\$ 14,887	\$ 17,765	\$ 20,180	\$ 7,211	\$ 31,083	\$ 245,367
Gavin 1&2	SCR	\$ 22,719	\$ 20,705	\$ 32,710	\$ 62,294	\$ 84,370	\$ 50,105	\$ 51,251	\$ 94,028	\$ 128,749	\$ 118,466	\$ 140,858	\$ 182,254	\$ 988,509
Kammer	SCR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Mitchell	SCR	\$ 5,477	\$ 26,407	\$ 15,284	\$ 2,783	\$ 13,047	\$ 13,283	\$ 25,337	\$ 14,075	\$ 10,878	\$ 3,588	\$ 16,122	\$ 10,103	\$ 166,164
MR 1-5	SCR	\$ 10,177	\$ 3,011	\$ 8,274	\$ 3,188	\$ 35,168	\$ 11,060	\$ 166	\$ 9,361	\$ 3,013	\$ 1,733	\$ 4,606	\$ 573	\$ 90,310
Sporn 2-5	SCR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Total OPCO

\$ 20,747,378

Jointly Owned Units Total														
Zimmer Total	FGD	\$ 471,052	\$ 721,212	\$ 922,490	\$ 935,419	\$ 453,370	\$ 475,731	\$ 544,703	\$ 487,833	\$ 830,973	\$ 426,346	\$ 297,591	\$ 666,352	\$ 7,213,172
Stuart Total	FGD	\$ 755,945	\$ 788,793	\$ 610,880	\$ 943,170	\$ 1,010,805	\$ 676,294	\$ 745,639	\$ 433,189	\$ 386,199	\$ 673,861	\$ 988,925	\$ 821,415	\$ 8,515,116
Zimmer Total	SCR	\$ 24,517	\$ 97,486	\$ (53,626)	\$ 17,717	\$ 19,443	\$ 39,239	\$ 15,209	\$ 21,135	\$ 19,281	\$ 66,413	\$ 109,980	\$ 182,936	\$ 559,730
Stuart Total	SCR	\$ 44,290	\$ 174,606	\$ 72,366	\$ 77,667	\$ 165,349	\$ 68,769	\$ 21,504	\$ 47,744	\$ 10,141	\$ 34,801	\$ 17,559	\$ 116,509	\$ 851,305

CSP O&M Expense

Conesville 4	FGD	\$ 86,439	\$ 53,526	\$ 234,329	\$ 79,250	\$ 264,493	\$ 332,820	\$ 66,162	\$ 49,939	\$ 320,629	\$ 181,280	\$ 130,523	\$ 290,400	\$ 2,059,792
Zimmer CSP	FGD	\$ 119,847	\$ 183,188	\$ 234,312	\$ 237,596	\$ 115,186	\$ 120,836	\$ 138,358	\$ 118,866	\$ 211,087	\$ 108,292	\$ 75,688	\$ 169,283	\$ 1,832,146
Stuart CSP	FGD	\$ 196,546	\$ 205,086	\$ 158,829	\$ 245,224	\$ 262,809	\$ 149,837	\$ 193,866	\$ 112,629	\$ 95,212	\$ 175,204	\$ 257,121	\$ 161,588	\$ 2,213,930
Conesville 4	SCR	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 857	\$ 432	\$ -	\$ 260	\$ 8,434	\$ 9,982
Zimmer CSP	SCR	\$ 6,227	\$ 24,761	\$ (13,621)	\$ 4,500	\$ 4,939	\$ 9,967	\$ 3,863	\$ 5,368	\$ 4,897	\$ 16,869	\$ 27,935	\$ 46,466	\$ 142,171
Stuart CSP	SCR	\$ 11,516	\$ 45,398	\$ 15,815	\$ 20,193	\$ 42,991	\$ 17,880	\$ 5,591	\$ 12,413	\$ 2,637	\$ 9,048	\$ 4,565	\$ 30,282	\$ 221,339

Total CSP

\$ 6,479,361

Total AEP Ohio

\$ 27,228,739

2012 Estimate with 2% Increase per year rounded to nearest \$millions

\$ 28,000,000

* Actual O&M not available for Jan thru June for AM3. Therefore, the average of July thru Dec is used to estimate Jan through June.

RY
(Support AEP-1)

AEP Ohio
AEP POOL CAPACITY SETTLEMENT RATIOS
JANUARY 2009 THROUGH DECEMBER 2009

	MEMBER PRIMARY CAPACITY KW	MEMBER LOAD RATIO	PRIMARY CAPACITY KW RESERVATION
	(1)	(2)	(3)
Jan	13,291,000	0.41701	10,906,100
Feb	13,291,000	0.40913	10,714,300
Mar	13,291,000	0.40913	10,727,400
Apr	13,291,000	0.40913	10,727,400
May	13,291,000	0.40913	10,727,400
Jun	13,291,000	0.40913	10,727,400
Jul	13,291,000	0.40510	10,621,700
Aug	13,291,000	0.39981	10,483,000
Sep	13,291,000	0.39920	10,467,000
Oct	13,291,000	0.39037	10,235,500
Nov	13,291,000	0.39037	10,235,500
Dec	13,307,000	0.39037	10,249,500
	<u>159,508,000</u> (a)		<u>128,822,200</u> (b)
Ratio (b)/(a)			<u>80%</u>

PSN
(Support AEM-1)

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

	MEMBER PRIMARY CAPACITY KW	MEMBER LOAD RATIO	PRIMARY CAPACITY KW RESERVATION
	(1)	(2)	(3)
Jan	4,841,000	0.18627	4,871,500
Feb	4,841,000	0.18275	4,785,900
Mar	4,841,000	0.18275	4,791,700
Apr	4,841,000	0.18275	4,791,700
May	4,841,000	0.18275	4,791,700
Jun	4,841,000	0.18275	4,791,700
Jul	4,841,000	0.18386	4,820,800
Aug	4,841,000	0.18575	4,870,400
Sep	4,841,000	0.18594	4,875,300
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>57,584,200</u> (b)
Ratio (b)/(a)			<u>99%</u>

PSN
(Support PSN-1)

**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	0.23074	6,034,600
Feb	8,450,000	0.22638	5,928,400
Mar	8,450,000	0.22638	5,935,700
Apr	8,450,000	0.22638	5,935,700
May	8,450,000	0.22638	5,935,700
Jun	8,450,000	0.22638	5,935,700
Jul	8,450,000	0.22124	5,800,900
Aug	8,450,000	0.21406	5,612,600
Sep	8,450,000	0.21326	5,591,700
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>69,238,000 (b)</u>
Ratio (b)/(a)			<u>68%</u>

PSTN
(Support AEM-1)

AEP Ohio
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	4,797,083,266	5,006,539,967	0.04184	0.95816
2	February	178,474,583	3,968,483,264	4,146,957,847	0.04304	0.95696
3	March	175,396,483	4,202,253,538	4,377,650,021	0.04007	0.95993
4	April	159,086,489	3,533,821,044	3,692,907,532	0.04308	0.95692
5	May	172,114,063	3,528,809,053	3,700,923,117	0.04651	0.95349
6	June	184,125,209	3,963,102,591	4,147,227,800	0.04440	0.95560
7	July	172,721,436	3,892,086,425	4,064,807,860	0.04249	0.95751
8	August	193,317,632	4,309,328,577	4,502,646,209	0.04293	0.95707
9	September	184,106,881	3,572,319,651	3,756,426,532	0.04901	0.95099
10	October	169,607,736	3,714,787,678	3,884,395,414	0.04366	0.95634
11	November	176,092,035	3,527,648,374	3,703,740,409	0.04754	0.95246
12	December	193,642,580	4,275,065,927	4,468,708,507	0.04333	0.95667
10	Jan - Dec				0.04399	0.95601

PJN
 (Support AEM-1)

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
Actual						
1	January	209,456,700	2,665,312,146	2,874,768,846	0.07286	0.92714
2	February	178,474,583	2,221,118,307	2,399,592,890	0.07438	0.92562
3	March	175,396,483	2,333,667,220	2,509,063,703	0.06991	0.93009
4	April	159,086,489	1,944,093,944	2,103,180,433	0.07564	0.92436
5	May	172,114,063	1,862,711,307	2,034,825,371	0.08458	0.91542
6	June	184,125,209	2,100,353,126	2,284,478,335	0.08060	0.91940
7	July	172,721,436	2,053,983,048	2,226,704,484	0.07757	0.92243
8	August	193,317,632	2,305,947,405	2,499,265,037	0.07735	0.92265
9	September	184,106,881	1,968,209,148	2,152,316,029	0.08554	0.91446
10	October	169,607,736	2,071,176,358	2,240,784,094	0.07569	0.92431
11	November	176,092,035	1,952,041,637	2,128,133,672	0.08274	0.91726
12	December	193,642,580	2,398,420,474	2,592,063,054	0.07471	0.92529
10	Jan - Dec				0.07763	0.92237

PTN
(Support AEM-1)

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
Actual						
1	January		2,131,771,120	2,131,771,120	0.00000	1.00000
2	February		1,747,364,957	1,747,364,957	0.00000	1.00000
3	March		1,868,586,317	1,868,586,317	0.00000	1.00000
4	April		1,589,727,100	1,589,727,100	0.00000	1.00000
5	May		1,666,097,746	1,666,097,746	0.00000	1.00000
6	June		1,862,749,465	1,862,749,465	0.00000	1.00000
7	July		1,838,103,377	1,838,103,377	0.00000	1.00000
8	August		2,003,381,172	2,003,381,172	0.00000	1.00000
9	September		1,604,110,502	1,604,110,502	0.00000	1.00000
10	October		1,643,611,320	1,643,611,320	0.00000	1.00000
11	November		1,575,606,737	1,575,606,737	0.00000	1.00000
12	December		1,876,645,453	1,876,645,453	0.00000	1.00000
10	Jan - Dec				0.00000	1.00000

PSN
(Support AEM-1)

CSP & OPCo - Environmental Post Allocated Capital Excluding AFUDC
Excluding cc 011, 099, 023, 024, 026
\$ in thousands

GLBU Regional	Project Type	Project	Data	
			Sum of 2011	Sum of 2012
144 Columbus Southern Power - Gen	CAECS SCR Catalyst Environmental Std	CV4P60024 CV CI U4 SCR CATALYST	531	
		STUCI0082 Stuart U4 SCR Catalyst	327	
	CAECS SCR Catalyst Environmental Std Total		858	
	EROCB Cap Blkt - Env Repl Outage	CV6P00030 CV6 SCRUBBER RECYCLE PMP (2) U		
		CV6P00037 CV6 SCRUBBER RECYCLE PMP (2)		
	EROCB Cap Blkt - Env Repl Outage Total			
	EVNCB Cap Blkt - Environmental New	000019482 CV0 ASH POND GRD WRT WELLS INS		112
	EVNCB Cap Blkt - Environmental New Total			112
	EVNCS Cap Stnd - Environmental New	000018912 CV0 SELENIUM REDUCTION		374
		000020094 CV CI U6 PRECIP OUTLET DUCT		
		BECKC1013 Landfill Ash to Zimmer	194	-
		STUCI0043 Stuart U2 SCR Catalyst	115	
		STUCI0069 Stuart FGD Improvements	315	-
		STUCI0087 Stuart U2 Low NOx Burners	2,496	
		STUCI0089 Stuart U3 Low NOx Burners	-	890
		STUCI0097 Stuart #11 East Landfill	1,200	353
		STUCI0100 Carter Hollow Landfill	5,135	7,593
		ZIMRCI068 Zimmer SO3 Mitigation	879	9
		ZIMRCI079 Zimmer Metals Removal	115	597
	EVNCS Cap Stnd - Environmental New Total		10,449	9,816
	EVRCB Cap Blkt - Environmental Repl	CV0P03519 CV56 CO2 MONITOR REPL	101	
		CV56P6010 CV56 NOX DUCT MONITORS		
		CV5P00078 CV5 Scrubber Transfer System V	57	
		CV6P00083 CV6 Scrubber Transfer System V	86	
		FGCEMS144 FHG CEMS DAHS Upgrade CSP	34	
	EVRCB Cap Blkt - Environmental Repl Total		278	
	EVRCB Cap Stnd - Environmental Repl	000020638 CV CI U56 LIME CONV ENVIRONME		1,610
		CV5C70002 CV5 ESP WIRE REPL BACK HALF		1,207
		CV5C70002 CV6 ESP WIRE AND EXPANSION J		
		STUCI0081 Stuart U2 Precipitator Box	802	
		STUCI0094 Stuart Precipitator Box 3		248
		ZIMRCI041 Lime Inerts (OFS) Dewatering	258	
	EVRCB Cap Stnd - Environmental Repl Total		1,060	3,063
	LFECB Landfill & Dam Raising Env Std	CV56C6004 CV CI U56 FGD LANDFIL VERT EXP	293	360
		ZIMRCI070 Zimmer Sequence 4 Landfill	29	186
	LFECB Landfill & Dam Raising Env Std Total		322	546
	MPECS Projects Environmental Capital	000018147 CV U4-6 Waste Transport System	34	36
		000018350 CV U4 FGD WWT Hg	46	
		000018875 CV0 HIGHWALL RECLAMATION LANDF	299	729
		CV6626885 CV CI U6 FGD IMPROVEMENTS	1,541	
		CVHGPS3A CV456 Mercury Minimization FAU	1,068	
	MPECS Projects Environmental Capital Total		2,988	785
	MPHCS Major Environmental Hardware	000008380 CV4 FGD Landfill	4,656	107
		000020316 CV U4 Bottom Ash Conversion		
		000020318 CV U4 Ash WWT System		
		000020319 CV U5 Bottom Ash Conversion		
		000020321 CV U5 Ash WWT System		
		000020322 CV U6 Bottom Ash Conversion		
		000020324 CV U6 Ash WWT System		
		CV004JBR0 CV CI U4 Jet Bubbling Reactor	43	4,432
	MPHCS Major Environmental Hardware Total		4,699	4,539
144 Columbus Southern Power - Gen Total			20,654	18,841

DTN
(Support AEM-1)

GLBU Regional	Project Type	Project	Sum of 2011	Sum of 2012
181 Ohio Power Co - Generation	CAECS SCR Catalyst Environmental Std	AMP000923 AMU3 Replace SCR Catalyst		
		AMP000931 AMU3 4th Layer SCR Catalyst	2,235	
		CD114CAT2 CD1 SCR CATALYST CHANGE		
		CD1CAT114 CD1 CAT LAYER 1		565
		GV1CI9209 SCR Catalysts	1,768	2,418
		GV1CI9210 SCR Catalysts		
		GV2CI9213 SCR Catalysts	1,803	
		GV2CI9214 SCR Catalysts		
		ML1VC1201 ML1 V CATALYST REPLACEMENT 1 L	1,111	1,804
		ML1VC1401 ML1 V CATALYST REPLACEMENT 1 L		
		ML2VC1201 ML2 Replace 1st Catalyst Layer		1,615
		ML2VC1401 ML2 V CATALYST REPLACEMENT 1 L		832
		ML2VC1601 ML2 V CATALYST REPLACEMENT 1 L		
	CAECS SCR Catalyst Environmental Std Total		6,917	7,234
	EROCB Cap Bkt - Env Repl Outage	AMP001226 AMU3 Exp Jt Gas Outlet Duct	193	
		KM1SP1102 KM1 S EXPANSION JOINT REPLACEM	50	
		KM1SP1201 KM1 S SEC AIR DUCT EXP JT		75
		KM2SP1102 KM2 S EXPANSION JOINT REPLACEM	60	
		KM2SP1201 KM2 S SEC AIR EJ REPLACEMENT		63
		KM3SP1102 KM3 S EXPANSION JOINT REPLACEM	50	
		ML1SP1101 ML1 S PREC DUCT EXP JTS	219	
		ML1SP1106 ML1 S SECONDARY AIR DUCT EXPAN	130	
		ML1SP1201 ML1 S PREC EJ RPL		101
		ML1VC1105 ML1 ID FANS OVERHAUL CAP SPARE	133	
		ML1VP1101 ML1 FGD CAPITAL PROJECTS	150	
		ML1VP1102 ML1 V INSTALL AR PP DISCHARGE	299	
		ML1VP1202 ML1 V FGD OUTAGE PPB PROJ		473
		ML1VP1301 ML2 FGD CAPITAL FAN BLADES		
		ML1VP1302 ML1 V INSTALL AR PP DISCHARGE		
		ML2SP1101 ML2 S PRECIPITATOR EJ REPLACEM	141	
		ML2SP1204 ML2 S SECONDARY AIR DUCT EJ		101
		ML2SP1205 ML2 S PRECIP EJ REPLACEMENT		241
		ML2VP1101 ML2 V FGD CAPITAL REPLACEMENT	101	
		ML2VP1202 ML2 V FGD EXP JT RPL		121
		ML2VP1302 ML2 V INSTALL AR PP DISCHARGE		
		ML2VP1402 ML2 V INSTALL AR PP DISCHARGE		
		MR10PPB36 MRU1 Expansion Joint Replace	81	81
		MR10PPB37 MRU2 Expansion Joint Replace	81	81
		MR10PPB38 MRU3 Expansion Joint Replace	81	81
		MR10PPB39 MRU4 Expansion Joint Replace	80	
		MR10PPB40 MRU5 Expansion Joint Replace	101	
		MR11PPB60 MRU6 Duct Expansion Joints		402
		SPP4P0029 SP4 Rep 3 Expansion Joints		27
	EROCB Cap Bkt - Env Repl Outage Total		1,940	1,847
	EROCS Cap Stnd - Env Repl Outage	ML1VC1101 ML1 FGD ABSORBER COATING	2,357	
		ML2VC1101 ML2 FGD ABSORBER COATING	503	1,857
		ML2VC1205 ML2 ID FANS		134
	EROCS Cap Stnd - Env Repl Outage Total		2,860	1,991
	EVNCB Cap Bkt - Environmental New	AMP001838 AMU3 Hopper Evacuation Monitor		29
		AMPPB1005 AMU3 FGD	375	401
	EVNCB Cap Bkt - Environmental New Total		375	430
	EVNCS Cap Stnd - Environmental New	000013338 Trona Hub - OPCo		7,504
		GVOCI9245 Spare Urea/Recycle Tanks		160
		GVOCI9246 69 KV POWER FEED		1,917
		GV1CI9195 Abs Blow Down Piping		
	EVNCS Cap Stnd - Environmental New Total			9,581

PTN
(Support Item-1)

GLBU Regional	Project Type	Project	Sum of 2011	Sum of 2012
181 Ohio Power Co - Generation	EVRCB Cap Blkt - Environmental Repl	AMP001521 AMU0 Filter Press Cloth Chgout	-	-
		AMP001522 AMU0 Mist Elim Spray Wash Nozz	-	-
		AMP001523 AMU0 Filter Press Plate Rplc	-	-
		AMP001585 AMU0 Gypsum SO Conv Belt	-	-
		AMP001586 AMU0 Gypsum SO Conv Belt G1	-	-
		AMP001587 AMU0 Gypsum SO Conv Belt G2	-	-
		AMP001591 AMU0 Limestone Conveyor LS1	-	-
		AMP001592 AMU0 Limestone Conveyor LS2A	-	-
		AMP001593 AMU0 Limestone Silo Conv A	-	-
		AMP001594 AMU0 Limestone Silo Conv B	-	-
		AMP001596 AMU0 Vacuum Filter A Belt Rplc	-	-
		AMP001598 AMU0 Vacuum Filter C Belt Rplc	-	-
		AMP001858 AMU3 Cmpli Fire Pro cvyr & sta	108	-
		FGCEMS181 FHG CEMS DAHS Upgrade OPCo	92	-
		GVPPB1108 U1 AOD TO SUPERHEATER	104	-
		GVPPB1110 U2 AOD TO SUPERHEATER	104	-
		GVPPB1112 6 INCH AND ABOVE FLYASH VALVES	45	-
		GVPPB1113 6 INCH AND ABOVE SLURRY VALVES	45	-
		GVPPB1114 ABSORBER EXPANSION JOINTS U1	44	-
		GVPPB1115 CAKE CONVEYOR REPLACEMENT 1-1	11	-
		GVPPB1116 CAKE CONVEYOR REPLACEMENT 2-1	11	-
		GVPPB1117 DAY LIME SILO BAG HOUSE	23	-
		GVPPB1118 EAST COLLECTING BELT	71	-
		GVPPB1119 ME NOZZLES	9	-
		GVPPB1120 NORTH RADIAL STACKER BELT	40	-
		GVPPB1121 NORTH SHUTTLE BELT REPLACEMENT	14	-
		GVPPB1122 REPLACE ABS DENSITY METER	48	-
		GVPPB1127 DUST COLLECTION PIPING	203	-
		GVPPB1128 ABS CHEVERON REPLACEMENT U1	60	-
		GVPPB1129 ABS CHEVRON REPLACEMENT U2	60	-
		GVPPB1133 CENTRIFUGE DENSITY METER U1	28	-
		GVPPB1136 FLYASH SILO BAG HOUSE	35	-
		GVPPB7306 Absorber Chevron Replacement	-	116
		GVPPBF6GD FGD Projects	-	750
		KML11SP06 MLO S PRECIPITATOR LINE GATE V	80	-
		KML12SP06 MLO S PRECIPITATOR LINE GATE V	-	12
		KML13SP06 MLO PRECIPITATOR LINE GATE V	-	-
		MLOVP1201 ML NON OUTAGE PPB FGD	-	144
		MLOVP1301 CAP BLKT-PROD PLANT BLNKT	-	-
		MLOVP1401 CAP BLKT PROD PLANT BLNKT	-	-
		ML11VPN01 ML NON OUTAGE PPB FGD	281	-
		ML11VPN02 MLO V BALL MILL REBUILD	232	-
		ML12VPN02 MLO V BALL MILL REBUILD	-	232
		ML13VPN02 MLO V BALL MILL REBUILD	-	-
		ML14VPN02 MLO V BALL MILL REBUILD	-	-
		MR11PPB19 MRU5 Precip Elec Bldg Roof N	35	-
		MR11PPB20 MRU5 Precip Elec Bldg Roof S	35	-
		MR12PPB33 MRU0 Environmental Excellence	49	-
		MR12PPB48 MRU5 Precip TR Set Replace	106	106
		SPP0P0039 SPO REPL FLYASH VACUUM PUMP	20	-
	EVRCB Cap Blkt - Environmental Repl Total		1,953	1,360
	EVRCS Cap Snd - Environmental Repl	AMCIU3202 AM3 Absorber Coating	3,155	-
		GVOCI9083 Replace North Overland Conveyo	1,028	-
		GVOCI9084 Replace South Overland Conveyo	-	1,077
		GVOCI9096 Replace South Overland Conveyo	-	-
		KM0EV1401 KM DRY FLY ASH CONVERSION	-	-
	EVRCS Cap Snd - Environmental Repl Total		4,183	1,077
	LFECs Landfill & Dam Raising Env Std	000005878 MRU0 Flyash Dam Raising	680	-

PTN
(Support AEM-1)

GLBU Regional	Project Type	Project	Sum of 2011	Sum of 2012
181 Ohio Power Co - Generation	LFECS Landfill & Dam Raising Env Std Total		660	
	MPECS Projects Environmental Capital	000014543 CDOPCo Hg Monitoring Project-		439
		000016401 CD FGD WWT Hg	35	
		000016404 AM FGD WWT Hg (AP)	205	
		000019681 ML Hg Perm In-Pond Treatment	143	
		000019683 AM Hg Perm In-Pond Treatment	414	
		000020186 CD1 FGD PROCESS IMPROVEMENTS	1,047	
		AM0HAULRA Amos U0 Haul Road -APCO	4,825	1,848
		AMP000104 AMU3 Precipitator Upgrade (Sha		(4,249)
		AMP000943 AM U3 Ash Disposal Project AP	1,161	-
		CD0LANDFL CD0 LAND FILL ADD CELL 3	1,686	160
		GV0C19131 GV Landfill Extension	3,406	3,364
		KMLFALFCI KML MH NEW LAND FILL	100	977
		WSN103015 ML0-Conners Run Expansion	5,395	5,362
	MPECS Projects Environmental Capital Total		18,417	7,899
	MPHCS Major Environmental Hardware	000007110 Cardinal U1 FGD		(14,660)
		000008354 Amos Landfill	4,476	3,244
		000019818 CD U1 As, Se at Outfall		
		000019827 CD U1 Dry Fly Ash Conversion		
		000019833 GV U0 Hg at Outfall	1,506	1,466
		000019834 GV U1 New Absorber Trays		
		000019835 GV U2 New Absorber Trays		
		000019836 ML U1 Dry Fly Ash Conversion	1,004	
		000019846 ML U2 Dry Fly Ash Conversion	1,004	
		000019892 KM U1 Fe, Al at Outfall	732	285
		000019894 KM U2 Fe, Al at Outfall	732	285
		000019896 KM U3 Fe, Al at Outfall	732	285
		000020298 AM U3 Bottom Ash Conversion		
		000020300 AM U3 Bottom Ash Ancillary Equ		
		000020302 AM U3 Ash WWT System		820
		000020310 ML U1 Bottom Ash Conversion		
		000020311 ML U1 Bottom Ash Ancillary Equ		
		000020312 ML U1 Ash WWT System		1,747
		000020313 ML U2 Bottom Ash Conversion		
		000020314 ML U2 Bottom Ash Ancillary Equ		
		000020315 ML U2 Ash WWT System		1,747
		000020325 GV U1 Bottom Ash Conversion		
		000020327 GV U1 Ash WWT System		
		000020328 GV U2 Bottom Ash Conversion		
		000020330 GV U2 Ash WWT System		
		000020334 CD U1 Bottom Ash Conversion		
		000020336 CD U1 Ash WWT System		
		CD001JBRC CD U1 JBR RETROFIT CARDINAL	2,815	3,477
	MPHCS Major Environmental Hardware Total		13,001	(1,304)
181 Ohio Power Co - Generation Total			50,306	30,115
Grand Total			70,960	48,956

PSN
(Support AFM-1)

CCS - Phase I Estimates

		\$Millions	
	<u>FEED Study</u>	<u>Total CCS Project Est Capital</u>	<u>O&M</u>
<u>Carbon Capture Phase I:</u>			
Commercial Scale Carbon Capture Phase I	47.0	610.0	58.0
Federal Stimulus Grant Offset	<u>(23.5)</u>	<u>(305.0)</u>	-
Net Capital Expenditure Phase I	23.5	305.0	58.0
Ohio Companies' Allocation Factor	<u>46.5%</u>	<u>46.5%</u>	<u>46.5%</u>
Ohio Companies' Share	10.9	141.8	27.0
Retail Allocation Factor	<u>95.6%</u>	<u>95.6%</u>	<u>95.6%</u>
Ohio Retail Share	10.4	135.6	25.8
Annual Carrying Cost Rate - 25 Year Life	<u>14.95%</u>	<u>14.95%</u>	
		<u>20.3</u>	<u>25.8</u>
Annual Revenue Requirement	<u>1.6</u>		<u>46.1</u>

AEP Coal-Fired Generation Fleet - Units Capable of Being Retrofit with Carbon Capture and Storage Technology						
Operating Company	Plant/Unit	MW Ownership Capacity	Total MW With Turk	Share Allocation With Turk	Total MW Without Turk	Share Allocation Without Turk
APCo	MT	1300				
APCo	AM123	2033	3,333	18.6%	3,333	19.1%
OPCo	AM3	867				
OPCo	ML12	1600				
OPCo	GV12	2600				
OPCo	CD1	600				
OPCo	MR5 (1)	585	6,252	34.9%	6,252	36.8%
I&M	RK12 (2)	1300	1,300	7.3%	1,300	7.4%
KPCo	BS2	800	800	4.5%	800	4.6%
CSP	CV4	339				
CSP	CV5	400				
CSP	CV6	400				
CSP	Zimmer	330				
CSP	Stuart	604	2,073	11.6%	2,073	11.9%
PSO	NE34	910				
PSO	OK (3)	102	1,012	5.7%	1,012	5.8%
SWEPco	Pirkey	580				
SWEPco	Dolet Hills	262				
SWEPco	Flint Creek	264				
SWEPco	Turk	440				
SWEPco	Welsh (1)	1584	3,130	17.5%	2,890	16.4%
TOTAL		17,900	17,900	100.0%	17,460	100.0%
Assumptions: - Units are fully controlled (SCR and FGD operational) or scheduled for full controls - MW ratings for units consistent with values submitted with VA IRP filing - potential for sequestration of CO2 at each facility is dependent upon underlying geology Notes: (1) MR5 & WSH2 may retired prior to 2019 and never be fitted with full controls (2) Represents I&M's 50% ownership share of Rockport Units						

OPC 34.9
 CSP 11.6
 46.5 %

Property Taxes & A&G Expenses
12 Months 8/31/10
(\$000)

<u>Company</u>	<u>Amount</u>	<u>% of Avg. Gross Plant</u>	<u>Original Gross Plant in Service</u>		
			<u>2010</u>	<u>2009</u>	<u>Average</u>
<u>CSPCo</u>					
A&G Expenses	72,674	1.34%	5,530,711	5,354,527	5,442,619
Prop. Taxes	95,490	1.75%			
% Total		<u>3.09%</u>			
<u>OPCo</u>					
A&G Expenses	108,789	1.12%	10,169,156	9,282,399	9,725,777
Prop. Taxes	93,577	0.96%			
% Total		<u>2.08%</u>			
<u>AEP Ohio</u>					
A&G Expenses	181,463	1.20%	15,699,867	14,636,926	15,168,396
Prop. Taxes	189,067	1.25%			
% Total		<u>2.45%</u>			

PPN
 (Support PPN-2)

2011 Ohio ESP Filing	Year 2012	Year 2013	Year 2014
AEP OHIO			
REVENUES			
Revenue - Retail Sales	4,228,294	4,431,191	4,581,743
Revenue - Transmission	48,853	49,372	58,036
Revenue - Sales for Resale	1,649,477	1,491,552	1,704,897
Revenue - Other Operating	90,266	97,422	96,800
Provision for Rate Refund			
Goal Seek / Juris Rate Relief			
TOTAL OPERATING REVENUES	6,016,889	6,069,537	6,441,476
FUEL & PURCHASED POWER EXPENSES			
Fuel for Electric Generation, exclud Def Fuel Exp & O/U Fuel Rev	1,649,118	1,612,125	1,671,908
Fuel - Deferred Expense	145,917	145,916	145,918
Over Under Fuel Expense			
Allowances - Consumption	27,836	18,727	27,723
Emissions Control - Chemicals	172,646	175,560	188,535
Fuel for Electric Generation	1,995,516	1,952,328	2,032,084
Purch Pwr - Affil Cap Settlement			
Purch Pwr - Affil Dmd & NonFuel Chrgs	58,249	64,526	65,642
Purch Pwr - Affil Fuel	459,636	464,610	561,515
Purchased Power - NonAffiliated - O&S Profit			
Purchased Power - NonAffiliated - PJM Ancillary	17,880	17,759	18,127
Purch Pwr - NonAffil, exclud O&S Profit & PJM Ancillary	278,080	298,679	422,491
Total Purchased Power	811,885	843,574	1,067,774
Total Cost of Sales	2,807,381	2,795,902	3,099,859
GROSS MARGIN	3,209,508	3,273,636	3,341,618
OPERATING EXPENSES			
Steam Generation O&M Expense	370,403	364,794	358,235
Nuclear Generation O&M Expense			
Hydro Generation O&M Expense	769	749	1,146
Other Generation O&M Expense	30,206	30,898	31,255
Transmission O&M Expense	118,403	142,716	184,653
Distribution O&M Expense	212,875	210,884	213,004
Customer Service and Information Op Exp	206,134	206,560	210,801
Sales Expenses	798	393	2
Administration and General O&M Expense	152,415	157,162	157,317
Accretion	13,031	14,007	14,541
Loss/Gain on Utility Plant			
Associated Business Development Expenses	1,483	1,399	1,434
All Other Operational Expenses	84,620	88,011	91,458
Total Operational and Maintenance Expenses	1,191,137	1,217,574	1,263,842
Loss/(Gain) of Sale of Property			
Amortization	9,513	7,160	8,047
Depreciation	483,833	489,644	509,504
Depreciation and Amortization	493,346	496,804	517,551
Franchise Taxes	1,216	1,216	1,216
Revenue-kWhr Taxes	146,788	146,160	146,020
Payroll Taxes	11,780	12,277	12,849
Capacity Taxes	16,032	16,030	16,030
Property Taxes	222,467	229,322	236,264
Regulatory Fees	5,652	5,811	5,968
Other Non-Income Taxes	19	19	14
Taxes Other than Income Taxes	403,934	410,834	418,362
TOTAL OPERATING EXPENSES	2,088,417	2,125,232	2,189,755
OPERATING INCOME	1,121,091	1,148,404	1,141,863

View: Income Stmt - Summary
2011 Ohio ESP Filing
(\$000)

PJN - 3 Detail

2011 Ohio ESP Filing	Year 2012	Year 2013	Year 2014
NON-OPERATING INCOME/(EXPENSES)			
Interest & Dividend Income Non-Affiliated	1,723	1,766	1,810
Interest & Dividend Income Affiliated	668		547
Total Interest and Dividend Income	2,389	1,766	2,357
Interest & Dividend Income Carry Charge	83,389	76,280	66,415
AFUDC Equity	10,424	12,731	16,057
Gain on Disposition of Equity Investments			
Interest on Long-Term Debt	210,839	206,183	217,542
Interest on Short Term Debt	3,998	4,330	3,044
Total Amortization	4,145	3,543	2,873
Total Other Interest Expense	5,574	5,680	5,789
AFUDC-Borrowed Funds	(12,579)	(16,529)	(27,340)
Total Interest Expense	211,777	203,207	201,908
INCOME BEFORE INCOME TAXES and EQUITY EARNINGS	1,005,516	1,034,974	1,024,784
INCOME TAXES and EQUITY EARNINGS			
Federal Income Taxes	346,180	346,811	342,836
State Income Taxes	10,916	13,960	14,852
Local Current Income Tax			
Total Income Taxes	357,096	360,771	357,688
Equity Earnings of Subs			
INCOME AFTER INCOME TAXES and EQUITY EARNINGS	648,420	674,203	667,096
Income From Discontinued Ops			
Extraordinary Income (pre-FIT)			
Extraordinary Income / (Expenses)			
NET INCOME	648,420	674,203	667,096

FERC Balance Sheet
2011 Ohio ESP Filing
(\$000)

PJN-3 Detail

2011 Ohio ESP Filing	Year 2012	Year 2013	Year 2014
AEP OHIO			
UTILITY PLANT			
Utility Plant (101-106, 114)	15,750,679	15,977,461	16,358,963
Constr Work in Progress (107)	341,342	507,261	676,399
CWIP Mntneer Carbon Capture (107.0006)			
TOTAL Utility Plant	16,092,021	16,484,722	17,035,362
(Less) Accum. Prov. for Depr. Amort. Depl (108, 111, 115)	6,242,396	6,542,387	6,861,072
Net Utility Plant Before Nucl Fuel	9,849,625	9,942,335	10,174,290
Nuclear Fuel (120.1-120.4, 120.6)			
(Less) Accum. Prov. for Amort. of Nucl. Fuel (120.5)			
Net Nuclear Fuel			
Net Utility Plant	9,849,625	9,942,335	10,174,290
OTHER PROPERTY & INVESTMENTS			
Nonutility Property (121)	27,014	27,014	27,014
(Less) Accum. Prov. for Depr. & Amort (122)	10,890	10,890	10,890
Invest in Assoc. Cos. (123)	430	430	430
Invest in Subsidiary Cos. (123.1)	735	735	735
Other Investments (124)	128,464	129,863	133,110
Allowances - Long Term Portion (158)	3,761	4,814	(1,377)
Special Funds (125-129)			
Long-Term Portion of Derivative Assets (175)	50,066	50,066	50,066
Long-Term Portion of Derivative Assets - Hedges (176)	15	15	15
TOTAL Other Property & Investments	197,605	202,057	199,123
CURRENT & ACCRUED ASSETS			
Cash (131, 135, 136.0)	7,032	6,277	5,543
Special Deposits (132-134)	37,208	37,208	37,208
Notes Receivable (141)			
Customer Accts Receivable (142)	130,661	130,661	130,661
Other Accts Receivable (143)	18,989	18,989	18,989
(Less) Accum. Prov. for Uncollectible Acct - Credit (144)	3,768	3,768	3,768
Notes Receiv from Assoc Companies (145)			37,469
Accts Receiv from Assoc Companies (146)	274,851	285,903	285,112
Fuel Stock (151)	216,428	203,987	199,111
Fuel Stock - Oil (151.0002)	9,173	9,173	9,173
Fuel Stock Undistributed (152)	12,514	12,514	12,514
Residuals - Fuel (153)			
Plant Materials & Operating Supplies (154)	155,014	155,014	155,014
Other Materials & Supplies (159)			
Allowances - Current Portion (158)	53,061	53,946	53,946
Stores Exp Undistributed (163)			
Prepayments - Total (165)	69,674	117,023	171,430
Interest & Dividends Receivable (171)	1,706	1,706	1,706
Rents Receivable (172)	1,819	1,819	1,819
Accrued Revenues (173)	60,749	60,749	60,749
Misc Current & Accrued Assets (174)	8,876	8,876	8,876
Derivative Instr. Assets, Current (175)	54,159	54,159	54,159
Derivative Instr. Assets - Hedges, Current (176)	4,583	6,881	8,778
TOTAL Current & Accrued Assets	1,112,628	1,160,917	1,248,488
DEFERRED DEBITS			
Unamort Debt Expense (181)	16,882	14,903	13,478
Extraordinary Property Losses (182.1)			
Other Regulatory Assets (182.3)	1,206,227	1,233,366	1,160,922
Prelim. Survey & Investg Chgs (183)	39,118	39,118	39,118
Clearing Accts (184)			
Temporary Facilities (185)			
Misc Deferred Debits (186)	244,753	244,603	243,251
Research & Devel & Demonstration Expend (188)			
Unamort Loss on Reacquired Debt (189)	14,100	13,206	12,366
Accum Deferred Income Taxes - Static (190)	434,065	434,065	434,065
TOTAL Deferred Debits	2,045,143	1,979,259	1,903,158
TOTAL Assets	13,205,001	13,284,568	13,526,099

FERC Balance Sheet
2011 Ohio ESP Filing
(\$000)

PJN-3 Detail

2011 Ohio ESP Filing	Year 2012	Year 2013	Year 2014
PROPRIETARY CAPITAL			
Preferred Stock Issued (204)	16,616	16,616	16,616
Total Common Equity - Excluding 219	4,527,918	4,551,387	4,542,751
Accum Other Comprehensive Income (219)	(176,907)	(176,907)	(176,907)
TOTAL Proprietary Capital	4,367,625	4,391,096	4,382,460
LONG-TERM DEBT			
Bonds (221)	(303,000)	(303,000)	(303,000)
Advances from Assoc. Companies (223)	200,000	200,000	200,000
Other Long-Term Debt (224)	3,670,825	3,670,825	3,888,000
Unamort Premium on Long-Term Debt (225)			
(Less) Unamort Discr on Long-Term Debt (226)	7,385	6,715	6,107
Total Long-Term Debt	3,560,440	3,661,110	3,778,883
OTHER NONCURRENT LIABILITIES			
Obligations Under Capital Leases - NonCurr (227)	46,202	46,202	46,202
Accum Provision for Property Insurance (228.1)			
Accum Provision for Injuries & Damages (228.2)	589	589	589
Accum Provision for Pensions & Benefits (228.3)	417,242	446,063	469,546
Accum Misc Operating Provisions (228.4)	712	712	712
Accum Provision for Rate Refunds (229)	50,000	50,000	50,000
Derivative Instr. Liabs, Long-Term (244)	14,626	14,626	14,626
Derivative Instr. Liabs, Long-Term - Hedges (245)	0	0	0
Asset Retirement Obligation (230)	214,616	228,522	243,063
TOTAL OTHER Noncurrent Liabilities	743,887	786,714	824,738
CURRENT & ACCRUED LIABILITIES			
Notes Payable (231)	10,597	12,734	54,079
Accounts Payable (232)	269,165	269,165	269,165
Notes Payable to Assoc. Companies (233)	146,945	71,659	47,464
Accounts Payable to Assoc. Companies (234)	240,262	221,748	218,036
Customer Deposits (235)	57,669	57,669	57,669
Taxes Accrued (236)	377,537	383,611	390,065
Interest Accrued (237)	63,897	54,817	46,963
Dividends Declared (238)	61	61	61
Tax Collections Payable (241)	2,457	2,457	2,457
Misc Current & Accrued Liabilities (242)	92,131	92,440	92,759
Obligations Under Capital Leases-Current (243)	14,487	13,844	13,254
Derivative Instr. Liabs, Current (244)	37,203	37,203	37,203
Derivative Instr. Liabs, Current - Hedges (245)	5,125	7,223	9,321
TOTAL Current & Accrued Liabilities	1,317,637	1,224,432	1,240,495
DEFERRED CREDITS			
Customer Advances for Construction (252)	276	276	276
Accum Deferred Investment Tax Credits (255)	11,589	10,171	8,904
Other Deferred Credits (253)	44,767	44,767	44,767
Other Regulatory Liabilities (254)	22,873	22,873	22,873
Unamortized Gain on Reacquired Debt (257)			
Accumulated Deferred Income Taxes (281-283)	3,136,008	3,243,128	3,224,694
TOTAL Deferred Credits	3,215,512	3,321,215	3,301,514
TOTAL Liab and Other Credits	13,205,001	13,284,568	13,525,099

Cash Flow Statement
2011 Ohio ESP Filing
(\$000)

PTN-3 Data.1

2011 Ohio ESP Filing	Year 2012	Year 2013	Year 2014
AEP OHIO			
OPERATING ACTIVITIES			
Net Income before Preferred Stock Divs	648,420	674,203	667,096
(Income)/Loss from Discontinued Operations			
Net Income from Continuing Operations	648,420	674,203	667,096
ADJUSTMENTS TO NET INCOME			
Depreciation & Amortization	493,346	498,823	517,551
Deferred Income Tax	221,006	107,120	(18,435)
Deferred Investment Tax Credits	(1,904)	(1,417)	(1,267)
(Gain) / Loss on Sale of Assets			
Mark-to-Market Energy Contracts			
Over/Under Fuel Rec.	145,917	145,916	145,918
Deferred Property Tax	5,935	3,991	4,110
Pension Contribution (cash)	(24,417)	(47,460)	(54,407)
Pension and Postemployment Benefit Reserves			
Amortization of Nuclear Fuel			
Carrying Costs on Stranded Assets (non-cash)	(83,389)	(75,280)	(66,415)
AFUDC Equity	(10,424)	(12,731)	(16,057)
Change in Other Regulatory Assets	(3,441)	(9,900)	(9,185)
Change in Other Regulatory Liabilities			
Change in Other Assets	23,506	2,434	9,889
Forecast Net Removal Expenditures	(21,733)	(23,754)	(23,833)
Change in Other Liabilities	38,516	43,467	38,631
Cash Flow before Changes in Working Capital	1,431,341	1,303,452	1,193,596
CHANGES IN WORKING CAPITAL			
Accounts Receivable - Customers			
Accounts Receivable - Associated Companies	335	(11,052)	791
Accounts Receivable - Misc			
Allowance for Uncollectible			
Accrued Utility Revenues			
Fuel, Materials & Supplies	(27,459)	11,556	4,876
Prepayments			
Accounts Payable - Associated Companies	16,798	(18,514)	(3,713)
Customer Deposits			
Margin Deposits			
Taxes Accrued	1,732	2,083	2,343
Interest Accrued	(8,182)	(9,280)	(5,654)
Other Current Assets	(1,526)	(2,563)	(2,177)
Other Current Liabilities	2,398	2,407	2,416
Changes in Working Capital	(13,908)	(25,363)	(1,117)
Net Cash Flow From Operating Activities	1,417,435	1,278,089	1,192,479
INVESTING ACTIVITIES			
Proceeds on Sale of Property & Other Assets			
Capital Expenditures - Property & Construction	(448,142)	(537,791)	(683,407)
Capital Expenditures - Other			
Forecast AFUDC Debt	(12,579)	(16,529)	(27,340)
Equity Investments			
Change in Other/Special Cash Deposits			
Acquisitions of Assets			
Acquisitions of Nuclear Fuel			
Purchases of Investment Securities			
Sales of Investment Securities			
Investment in Subsidiaries			
Net Cash Flow (Used) by Investing Activities	(480,721)	(554,320)	(710,747)
FINANCING ACTIVITIES			
Issuance - Common Stock (AEP)			
Issuance - Long-term Debt		558,000	650,000
Change in Short-term Debt	42,557	(73,148)	17,150
Retirement - Preferred Stock			
Retirement - Long-term Debt	(444,500)	(556,000)	(435,826)
Retirements - Long-term Debt of Affiliates			
Dividend Paid - Common Stock	(650,000)	(650,000)	(675,000)
Dividend Paid - Preferred Stock (AEP)	(732)	(732)	(732)
Capital Lease Obligations - Principle Payment	(758)	(843)	(590)
Other Financing Activities			
Net Cash Flow From Financing Activities	(1,063,434)	(724,524)	(444,997)

Cash Flow Statement
2011 Ohio ESP Filing
(\$000)

PJN-3 Detail

2011 Ohio ESP Filing	Year 2012	Year 2013	Year 2014
INC(DEC) In CASH & CASH EQUIVALENTS	(96,720)	(754)	36,734
Beg. Cash & Cash Equivalents	103,752	7,032	6,277
Less: Cash held by Divestitures			
Net Beg. Cash & Cash Equivalents	103,752	7,032	6,277
ENDING CASH BALANCE	7,032	6,277	43,012
Ending Short Term Debt Balance	157,542	84,393	101,543
End. Cash & Cash Equiv, Net of STD	(150,510)	(78,116)	(58,531)
Cash change diff (fcst s/b 0)	0	0	0

DAVID M. ROUSH WORKPAPERS

COLUMBUS SOUTHERN POWER COMPANY
Case No. 10-XXX-EL-SSO
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Date: 0 MOS Actual & 12 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

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Current Base Rates, Current Fuel & Current Environmental Rates														
Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KVAH (D)	Base Generation Revenues (E)	Fuel Adjustment Rider (F)	Environmental Investment Carrying Cost Rider (G)	Total Current Generation Revenue (H)	Current Generation Rate (I)	Current POLR Rate (J)	Current Transmission Rate (K)	Current Distribution Rate (L)	Current Total Rate (M)	
1	R-R	Residential Service	5,658,596	6,450,903,847	\$132,159,493	\$229,707,655	\$8,017,552	\$367,884,689	\$0.05703	\$0.00570	\$0.00823	\$0.03902	\$0.10697	
2														
3	R-R-1	Residential - Small Use Load Management Service	2,230,183	1,013,601,138	\$17,998,387	\$36,092,917	\$819,512	\$54,910,816	\$0.05417	\$0.00570	\$0.00823	\$0.04621	\$0.11431	
4														
5	RLM	Residential - Optional Demand Service	850	6,224,284	\$105,793	\$221,838	\$4,817	\$332,248	\$0.05338	\$0.00570	\$0.00823	\$0.01958	\$0.08858	
6														
7	RS-TOD	Residential - Time of Day Service	76	63,295	\$1,259	\$2,254	\$57	\$3,571	\$0.05641	\$0.00570	\$0.00823	\$0.03911	\$0.10945	
8														
9	RS-ES	Residential - Energy Storage	24	16,676	\$377	\$594	\$17	\$898	\$0.05926	\$0.00570	\$0.00823	\$0.04705	\$0.12024	
10														
11	GS-1	General Service - Small	511,642	205,865,780	\$9,806,529	\$6,720,255	\$446,516	\$16,973,300	\$0.08263	\$0.00490	\$0.00897	\$0.03737	\$0.13177	
12														
13	GS-1	General Service - Small - Optional Unmetered Service	6,305	19,741,139	\$487,888	\$645,085	\$22,215	\$1,155,188	\$0.05852	\$0.00490	\$0.00897	\$0.02505	\$0.09544	
14														
15	GS-2	General Service - Low Load Factor - Secondary Voltage	237,469	1,027,831,040	\$45,420,946	\$35,780,207	\$2,068,129	\$83,279,282	\$0.08102	\$0.00499	\$0.00742	\$0.02407	\$0.11750	
16														
17	GS-2	General Service - Low Load Factor - Primary Voltage	860	54,158,610	\$2,355,709	\$1,824,691	\$107,261	\$4,287,662	\$0.07915	\$0.00499	\$0.00871	\$0.02476	\$0.11782	
18														
19	GS-2	GS-2 Load Management Time-of-Day Provision	120	1,178,178	\$30,988	\$41,025	\$1,411	\$73,424	\$0.08232	\$0.00499	\$0.00748	\$0.02000	\$0.09478	
20														
21	GS-2-TOD	General Service - Time-of-Day	1,175	7,114,709	\$195,392	\$247,742	\$8,897	\$452,030	\$0.06353	\$0.00499	\$0.00748	\$0.02212	\$0.09612	
22														
23	GS-3	General Service - Medium Load Factor - Secondary Voltage	53,209	2,934,295,709	\$69,583,005	\$99,440,641	\$3,168,744	\$172,202,369	\$0.05869	\$0.00386	\$0.00612	\$0.01789	\$0.08636	
24														
25	GS-3	General Service - Medium Load Factor - Primary Voltage	4,306	1,963,469,581	\$38,159,226	\$64,369,994	\$1,737,485	\$104,266,705	\$0.05310	\$0.00386	\$0.00536	\$0.01329	\$0.07561	
26														
27	GS-3	GS-3 Load Management Time-of-Day Provision	12	3,416,908	\$26,085	\$115,796	\$1,188	\$143,069	\$0.04187	\$0.00386	\$0.00592	\$0.01021	\$0.06186	
28														
29	GS-4 / IRP-D	General Service - Large / Interruptible Power - Discretionary	404	3,700,691,045	\$34,820,356	\$113,702,510	\$1,585,458	\$160,108,324	\$0.04056	\$0.00328	\$0.00701	\$0.00277	\$0.05362	
30														
31	AL	Area Lighting	0	38,378,842	\$1,109,936	\$1,757,106	\$50,536	\$2,917,580	\$0.07602	\$0.00163	\$0.00224	\$0.13663	\$0.21652	
32														
33	SL	Street Lighting	1,716	43,103,463	\$778,340	\$1,725,673	\$35,440	\$2,540,453	\$0.05894	\$0.00186	\$0.00224	\$0.07378	\$0.13682	
34														
35	SBS	Standby Service	0	4,245,758	\$118,247	\$130,453	\$5,384	\$254,065	\$0.05984	\$0.00400	\$0.01721	\$0.00343	\$0.09448	
36														
37		Total CSP	8,706,947	17,474,000,002	\$353,167,987	\$592,637,237	\$16,080,620	\$981,785,814	\$0.05504	\$0.00460	\$0.00721	\$0.02460	\$0.09144	
38														
39		TOTAL AEP OHIO	17,103,010	43,903,500,009	\$914,297,882	\$1,319,814,482	\$41,153,822	\$2,275,965,185	\$0.05230	\$0.00307	\$0.00681	\$0.02049	\$0.08286	

COLUMBUS SOUTHERN POWER COMPANY
Case No. 19-XXX-EL-SSO
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 12 MOS Actual & 12 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s):

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Proposed 2012 Base Rates, 2011 Full Cost Fuel & Environmental																		
Line No.	Rate Code (A)	Class/ Descript. (B)	Base Generation Revenues (N)	Fuel Adjustment Rider (O)	Environmental Investment Carrying Cost Rider (P)	Total Proposed Generation Revenue (Q)	Proposed Generation Rate (R)	% Increase (S)	Market Transition Rider (T)	Subtotal Revenue (U)	Subtotal Rate (V)	% Increase (W)	FAC Rate Phase-In Rider (X)	Proposed POLR Rate (Y)	Current Transmission Rate (Z)	Current Distribution Rate (AA)	Proposed Total Rate (AB)	% Increase on Total Rate (AC)
1	R-R	Residential Service	\$200,185,639	\$216,467,175	\$8,010,468	\$424,663,282	\$0.06583	15.43%	-\$15,804,714	\$408,858,568	\$0.06336	11.14%	\$0.00289	\$0.00284	\$0.00823	\$0.03902	\$0.11636	5.81%
2																		
3	R-R-1	Residential - Small U	\$30,641,440	\$34,012,501	\$1,226,123	\$65,880,065	\$0.06500	19.98%	-\$2,483,323	\$63,396,742	\$0.06255	15.46%	\$0.00289	\$0.00284	\$0.00823	\$0.04821	\$0.12272	7.36%
4																		
5	RLM	Residential - Optional	\$191,937	\$208,863	\$7,680	\$408,480	\$0.06663	22.94%	-\$15,249	\$393,230	\$0.06318	18.35%	\$0.00289	\$0.00284	\$0.00823	\$0.01868	\$0.09872	11.32%
6																		-0.00143
7	RS-TOD	Residential - Time of	\$1,702	\$2,124	\$68	\$3,894	\$0.06152	9.05%	-\$156	\$3,739	\$0.05907	4.71%	\$0.00289	\$0.00284	\$0.00823	\$0.03911	\$0.11214	2.46%
8																		
9	RS-ES	Residential - Energy	\$487	\$560	\$19	\$1,066	\$0.06392	7.86%	-\$41	\$1,025	\$0.06147	3.73%	\$0.00289	\$0.00284	\$0.00823	\$0.04705	\$0.12249	1.87%
10																		
11	GS-1	General Service - Sm	\$4,706,444	\$6,901,006	\$188,328	\$11,795,779	\$0.05736	-30.50%	\$3,724,426	\$15,520,205	\$0.07547	-8.56%	\$0.00289	\$0.00284	\$0.00697	\$0.03737	\$0.12554	-4.73%
12																		0.01024
13	GS-1	General Service - Sm	\$447,609	\$662,436	\$17,911	\$1,127,956	\$0.05714	-2.36%	\$357,512	\$1,485,468	\$0.07525	28.59%	\$0.00289	\$0.00284	\$0.00697	\$0.02505	\$0.11300	18.41%
14																		
15	GS-2	General Service - Lov	\$24,557,237	\$34,490,001	\$982,663	\$80,029,901	\$0.05840	-27.92%	\$18,017,878	\$78,047,760	\$0.07593	-6.26%	\$0.00289	\$0.00284	\$0.00742	\$0.02407	\$0.11316	-3.70%
16																		
17	GS-2	General Service - Lov	\$1,308,852	\$1,754,635	\$52,374	\$3,115,861	\$0.05752	-27.33%	\$949,576	\$4,065,436	\$0.07505	-5.18%	\$0.00279	\$0.00284	\$0.00871	\$0.02476	\$0.11418	-2.94%
18																		0.00976
19	GS-2	GS-2 Load Managem	\$22,851	\$39,535	\$914	\$63,300	\$0.05373	-13.78%	\$21,337	\$84,637	\$0.07184	15.27%	\$0.00289	\$0.00284	\$0.00748	\$0.02000	\$0.10505	10.83%
20																		
21	GS-2-TOD	General Service - Tir	\$138,498	\$238,742	\$5,642	\$382,783	\$0.05380	-15.32%	\$128,847	\$511,630	\$0.07191	13.18%	\$0.00289	\$0.00284	\$0.00748	\$0.02212	\$0.10724	9.30%
22																		
23	GS-3	General Service - Ma	\$82,575,987	\$98,483,520	\$2,503,891	\$183,543,498	\$0.05574	-5.03%	\$8,538,801	\$172,082,299	\$0.05965	-0.07%	\$0.00289	\$0.00284	\$0.00812	\$0.01769	\$0.08819	2.12%
24																		
25	GS-3	General Service - Ma	\$36,905,833	\$63,600,903	\$1,476,764	\$101,983,530	\$0.05194	-2.15%	\$5,713,696	\$107,697,227	\$0.05485	3.28%	\$0.00279	\$0.00284	\$0.00536	\$0.01329	\$0.07913	4.65%
26																		0.00138
27	GS-3	GS-3 Load Managem	\$55,330	\$114,656	\$2,214	\$172,202	\$0.05040	20.35%	\$9,943	\$182,148	\$0.05331	27.31%	\$0.00289	\$0.00284	\$0.00592	\$0.01021	\$0.07517	21.51%
28																		
29	GS-4 / IRP-D	General Service - Lar	\$62,247,028	\$117,481,554	\$2,490,827	\$182,219,409	\$0.04924	21.38%	-\$20,982,351	\$161,237,057	\$0.04357	7.41%	\$0.00274	\$0.00284	\$0.00701	\$0.00277	\$0.05893	9.90%
30																		-0.00277
31	AL	Area Lighting	\$20,341	\$1,287,844	\$814	\$1,308,999	\$0.03411	-55.13%	\$1,117,978	\$2,426,975	\$0.06324	-16.82%	\$0.00289	\$0.00284	\$0.00224	\$0.13663	\$0.20784	-4.01%
32																		0.01895
33	SL	Street Lighting	\$25,431	\$1,446,384	\$1,018	\$1,472,833	\$0.03417	-42.02%	\$714,224	\$2,187,057	\$0.05074	-13.91%	\$0.00289	\$0.00284	\$0.00224	\$0.07378	\$0.13250	-3.15%
34																		0.01081
35	SBS	Standby Service	\$137,106	\$134,789	\$3,486	\$277,381	\$0.06533	8.17%	-\$8,921	\$270,461	\$0.06370	6.45%	\$0.00274	\$0.00284	\$0.01721	\$0.00343	\$0.06991	6.44%
36																		-0.00143
37		Total CSP	\$424,189,752	\$577,307,229	\$16,973,237	\$1,018,450,219	\$0.05828	5.88%	\$1,482	\$1,018,451,681	\$0.05828	5.88%	\$0.00286	\$0.00284	\$0.00721	\$0.02460	\$0.06578	4.74%
38																		
39		TOTAL AEP OHIO	\$879,526,334	\$1,428,659,418	\$38,185,942	\$2,448,381,694	\$0.06628	7.62%	-\$2,975	\$2,448,378,719	\$0.06628	7.62%	\$0.00283	\$0.00284	\$0.00681	\$0.02049	\$0.06925	7.98%

COLUMBUS SOUTHERN POWER COMPANY
Case No. 10-XXX-EL-S60
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Date: 0 MOS Actual & 12 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

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Proposed 2013 Base Rates, 2011 Full Cost Fuel & Environmental																		
Line No.	Rate Code (A)	Class/ Descript. (B)	Base Generation Revenues (AD)	Fuel Adjustment Rider (AE)	Environmental Investment	Total Proposed Generation Revenue (AG)	Proposed Generation Rate (AH)	% Increase (AI)	Market Transition Rider (AJ)	Subtotal Revenue (AK)	Subtotal Rate (AL)	% Increase (AM)	Other Charges				Proposed Total Rate (AR)	% Increase on Total Rate (AS)
					Carrying Cost Rider (AF)								FAC Rate Phase-In Rider (AN)	Proposed POLR Rate (AO)	Current Transmission Rate (AP)	Current Distribution Rate (AQ)		
1	R-R	Residential Service	\$221,765,110	\$216,467,175	\$8,010,577	\$446,242,862	\$0.06918	5.08%	-\$7,999,121	\$438,243,741	\$0.06794	7.19%	\$0.00289	\$0.00284	\$0.00823	\$0.03902	\$0.12092	3.91%
2																		
3	R-R-1	Residential - Small U.	\$33,944,727	\$34,012,601	\$1,226,148	\$69,183,376	\$0.06826	5.01%	-\$1,266,866	\$67,926,511	\$0.06702	7.15%	\$0.00289	\$0.00284	\$0.00823	\$0.04821	\$0.12719	3.64%
4																		
5	RLM	Residential - Optional	\$212,627	\$208,863	\$7,881	\$429,171	\$0.05895	5.07%	-\$7,718	\$421,453	\$0.06771	7.18%	\$0.00289	\$0.00284	\$0.00823	\$0.01958	\$0.10125	4.68%
6																		
7	RS-TOD	Residential - Time of	\$1,865	\$2,124	\$98	\$4,077	\$0.06442	4.72%	-\$155	\$3,922	\$0.06197	4.91%	\$0.00289	\$0.00284	\$0.00823	\$0.03911	\$0.11504	2.58%
8																		
9	RS-ES	Residential - Energy	\$539	\$560	\$19	\$1,119	\$0.06707	4.93%	-\$21	\$1,098	\$0.06583	7.08%	\$0.00289	\$0.00284	\$0.00823	\$0.04705	\$0.12885	3.56%
10																		
11	GS-1	General Service - Sm	\$5,213,726	\$6,901,006	\$188,330	\$12,303,062	\$0.05982	4.30%	\$1,898,203	\$14,201,264	\$0.06905	-8.50%	\$0.00289	\$0.00284	\$0.00697	\$0.03737	\$0.11913	-5.11%
12																		
13	GS-1	General Service - Sm	\$495,859	\$682,435	\$17,911	\$1,176,206	\$0.05958	4.28%	\$182,211	\$1,358,417	\$0.06861	-8.55%	\$0.00289	\$0.00284	\$0.00697	\$0.02505	\$0.10657	-5.70%
14																		
15	GS-2	General Service - Lov	\$27,203,950	\$34,490,001	\$982,658	\$62,676,610	\$0.06068	4.41%	\$8,972,965	\$71,649,575	\$0.06971	-8.20%	\$0.00289	\$0.00284	\$0.00742	\$0.02407	\$0.10693	-5.50%
16																		
17	GS-2	General Service - Lov	\$1,449,899	\$1,754,635	\$52,373	\$3,256,907	\$0.06013	4.53%	\$472,882	\$3,729,789	\$0.06886	-8.26%	\$0.00279	\$0.00284	\$0.00671	\$0.02476	\$0.10796	-5.43%
18																		
19	GS-2	GS-2 Load Managem	\$25,315	\$39,535	\$914	\$65,765	\$0.05582	3.89%	\$10,875	\$76,639	\$0.06506	-9.45%	\$0.00289	\$0.00284	\$0.00748	\$0.02000	\$0.09828	-6.46%
20																		
21	GS-2-TOD	General Service - Tir	\$153,434	\$238,742	\$5,542	\$397,718	\$0.05690	3.90%	\$65,668	\$463,387	\$0.06513	-9.43%	\$0.00289	\$0.00284	\$0.00748	\$0.02212	\$0.10046	-6.32%
22																		
23	GS-3	General Service - Me	\$69,320,796	\$98,463,520	\$2,500,999	\$170,288,316	\$0.05803	4.12%	\$4,548,158	\$174,836,474	\$0.05958	1.80%	\$0.00289	\$0.00284	\$0.00612	\$0.01789	\$0.08913	1.06%
24																		
25	GS-3	General Service - Me	\$40,883,976	\$83,800,903	\$1,478,907	\$105,961,686	\$0.05397	3.90%	\$3,043,378	\$109,005,064	\$0.05552	1.21%	\$0.00279	\$0.00284	\$0.00538	\$0.01329	\$0.07980	0.84%
26																		
27	GS-3	GS-3 Load Managem	\$61,293	\$114,858	\$2,214	\$178,185	\$0.05214	3.46%	\$5,298	\$183,482	\$0.05389	0.72%	\$0.00289	\$0.00284	\$0.00592	\$0.01021	\$0.07555	0.51%
28																		
29	GS-4 / IIRP-D	General Service - Lar	\$68,955,592	\$117,481,554	\$2,490,807	\$188,927,953	\$0.05105	3.68%	-\$10,990,755	\$177,937,197	\$0.04808	10.36%	\$0.00274	\$0.00284	\$0.00701	\$0.00277	\$0.06344	7.86%
30																		
31	AL	Area Lighting	\$22,844	\$1,287,844	\$818	\$1,311,306	\$0.03417	0.18%	\$842,846	\$1,954,151	\$0.05092	-19.46%	\$0.00289	\$0.00284	\$0.00224	\$0.13663	\$0.19552	-5.93%
32																		
33	SL	Street Lighting	\$26,017	\$1,446,384	\$1,012	\$1,475,413	\$0.03423	0.18%	\$420,690	\$1,896,103	\$0.04399	-13.30%	\$0.00289	\$0.00284	\$0.00224	\$0.07378	\$0.12575	-5.09%
34																		
35	SBS	Standby Service	\$152,068	\$134,789	\$5,493	\$292,339	\$0.06885	5.39%	-\$5,562	\$286,777	\$0.06754	6.03%	\$0.00274	\$0.00284	\$0.01721	\$0.00343	\$0.09378	4.27%
36																		
37		Total CSP	\$469,891,450	\$677,307,229	\$16,973,372	\$1,064,172,051	\$0.06090	4.49%	\$2,884	\$1,064,175,035	\$0.06090	4.49%	\$0.00285	\$0.00284	\$0.00721	\$0.02460	\$0.09839	2.73%
38																		
39		TOTAL AEP OHIO	\$1,085,103,578	\$1,428,659,418	\$39,196,083	\$2,553,968,998	\$0.05871	4.31%	-\$17,873	\$2,536,091,125	\$0.05871	4.31%	\$0.00283	\$0.00284	\$0.00681	\$0.02849	\$0.09168	2.72%

OHIO POWER COMPANY
Case No. 10-XXX-EL-SSO
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Date: 0 MOS Actual & 12 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s):

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Current Base Rates, Current Fuel & Current Environmental Rates													
Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Base Generation Revenues (E)	Fuel Adjustment Rider (F)	Environmental Investment Carrying Cost Rider (G)	Total Current Generation Revenue (H)	Current Generation Rate (I)	Current POLR Rate (J)	Current Transmission Rate (K)	Current Distribution Rate (L)	Current Total Rate (M)
1	RS	Residential Service	7,219,956	7,328,480,384	\$176,778,209	\$232,990,868	\$7,699,087	\$417,668,164	\$0.05701	\$0.00234	\$0.00845	\$0.03413	\$0.10193
2													
3	RS-TDD	Residential - Time of Day Service	4,906	8,896,563	\$177,841	\$282,921	\$7,847	\$468,709	\$0.05288	\$0.00234	\$0.00845	\$0.02685	\$0.09032
4													
5	GS-1	General Service - Non-Demand Metered	738,961	353,077,211	\$12,068,843	\$11,620,866	\$539,194	\$24,227,003	\$0.06862	\$0.00264	\$0.00697	\$0.04054	\$0.11875
6													
7	GS-1	GS-1 On-Peak	251	816,841	\$19,872	\$26,885	\$888	\$47,645	\$0.05633	\$0.00264	\$0.00697	\$0.01393	\$0.08186
8													
9	GS-1	General Service - Non-Demand Unmetered	7,888	2,318,344	\$79,233	\$76,304	\$3,540	\$159,077	\$0.06862	\$0.00264	\$0.00697	\$0.03509	\$0.11331
10													
11	GS-2	General Service - Low Load Factor - Secondary Voltage	322,649	2,570,066,631	\$79,145,141	\$77,113,821	\$3,536,490	\$198,795,452	\$0.08218	\$0.00270	\$0.00603	\$0.02248	\$0.09339
12													
13	GS-2	General Service - Low Load Factor - Primary Voltage	3,978	410,209,280	\$12,520,000	\$11,867,190	\$559,439	\$24,946,829	\$0.09081	\$0.00270	\$0.00608	\$0.01748	\$0.08705
14													
15	GS-2	General Service - Low Load Factor - Subtransmission Voltage	392	217,090,388	\$6,715,884	\$6,129,439	\$300,090	\$13,145,412	\$0.09055	\$0.00270	\$0.00634	\$0.01483	\$0.08342
16													
17	GS-2	General Service - Low Load Factor - Transmission Voltage	58	76,440,782	\$2,293,536	\$2,158,287	\$102,483	\$4,554,287	\$0.09558	\$0.00270	\$0.00634	\$0.01131	\$0.07893
18													
19	GS-2	GS-2 Energy Storage Provision	206	2,146,072	\$36,843	\$64,392	\$1,646	\$102,881	\$0.04794	\$0.00270	\$0.00603	\$0.01252	\$0.05918
20													
21	GS-2	GS-2 Recreational Lighting	4,225	7,376,798	\$217,174	\$221,338	\$9,704	\$448,216	\$0.08078	\$0.00270	\$0.00603	\$0.03132	\$0.10080
22													
23	GS	General Service - Time-of-Day	8,451	100,638,231	\$2,202,953	\$3,019,910	\$96,436	\$5,320,998	\$0.05287	\$0.00270	\$0.00603	\$0.01921	\$0.08061
24													
25	GS-3	General Service - Medium/High Load Factor - Secondary Voltage	58,695	2,537,907,397	\$65,780,599	\$74,510,069	\$2,492,478	\$132,783,145	\$0.05034	\$0.00194	\$0.00614	\$0.01683	\$0.07525
26													
27	GS-3	General Service - Medium/High Load Factor - Primary Voltage	3,886	2,612,668,082	\$61,928,222	\$71,160,418	\$2,320,385	\$125,400,024	\$0.04800	\$0.00194	\$0.00575	\$0.01359	\$0.06928
28													
29	GS-3	General Service - Medium/High Load Factor - Subtransmission Voltage	902	887,013,623	\$18,251,571	\$23,576,363	\$815,546	\$42,643,478	\$0.04808	\$0.00194	\$0.00582	\$0.01300	\$0.06884
30													
31	GS-3	General Service - Medium/High Load Factor - Transmission Voltage	53	45,078,990	\$848,472	\$1,196,177	\$37,913	\$2,084,582	\$0.04824	\$0.00194	\$0.00582	\$0.00949	\$0.05349
32													
33	GS-4 / IRP-D	General Service - Large / Interruptible Power - Discretionary - Primary Voltage	46	265,149,072	\$4,624,816	\$6,479,985	\$206,653	\$11,311,454	\$0.04260	\$0.00188	\$0.00688	\$0.00545	\$0.05639
34													
35	GS-4 / IRP-D	General Service - Large / Interruptible Power - Discretionary - Subtransmission Voltage	347	2,375,949,381	\$43,127,387	\$56,481,547	\$1,927,087	\$101,536,020	\$0.04272	\$0.00188	\$0.00861	\$0.00416	\$0.05407
36													
37	GS-4 / IRP-D	General Service - Large / Interruptible Power - Discretionary - Transmission Voltage	130	5,940,690,475	\$84,080,466	\$141,163,876	\$3,756,124	\$228,980,455	\$0.03854	\$0.00158	\$0.00561	\$0.00164	\$0.04738
38													
39	EHG	Electric Heating General	5,674	22,051,078	\$329,375	\$668,223	\$14,716	\$1,010,315	\$0.04582	\$0.00287	\$0.01035	\$0.02808	\$0.08712
40													
41	EHS	Electric Heating Schools	12	397,293	\$0	\$10,355	\$0	\$10,355	\$0.02606	\$0.00372	\$0.00853	\$0.00907	\$0.04438
42													
43	SS	School Service	2,094	41,829,329	\$1,031,194	\$1,217,434	\$48,077	\$2,294,706	\$0.05486	\$0.00295	\$0.00653	\$0.02149	\$0.08583
44													
45	FL	Flood Pumping	312	513,289	\$2,144	\$15,401	\$96	\$17,541	\$0.03437	\$0.00270	\$0.00603	\$0.02769	\$0.07016
46													
47	OL	Outdoor Lighting	0	58,043,254	\$2,878,285	\$2,491,885	\$173,298	\$6,543,488	\$0.11878	\$0.00067	\$0.00272	\$0.10187	\$0.22182
48													
49	SL	Street Lighting	11,957	65,516,375	\$4,904,898	\$2,537,692	\$218,169	\$7,661,956	\$0.11519	\$0.00067	\$0.00272	\$0.07513	\$0.19381
50													
51	SSS	Standby Service	12	235,436	\$107,797	\$5,701	\$4,817	\$118,318	\$0.00263	\$0.00169	\$0.19771	\$0.01271	\$1.11484
52													
53		Total OP	8,396,083	26,029,500,007	\$561,129,845	\$727,077,225	\$25,073,302	\$1,313,280,371	\$0.06045	\$0.00204	\$0.00655	\$0.01773	\$0.07677
54													
55		TOTAL AEP OHIO	17,103,010	43,893,600,009	\$914,297,602	\$1,319,614,462	\$41,193,922	\$2,275,068,185	\$0.08230	\$0.00267	\$0.00641	\$0.02046	\$0.08266

OHIO POWER COMPANY
Case No. 10-XXX-EL-SSO
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

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Proposed 2012 Base Rates, 2011 Full Cost Fuel & Environmental																		
Line No.	Rate Code (A)	Class/ Descript. (B)	Base Generation Revenues (N)	Fuel Adjustment Rider (O)	Environmental Investment Carrying Cost Rider (P)	Total Proposed Generation Revenue (Q)	Proposed Generation Rate (R)	% Increase (S)	Market Transition Rider (T)	Subtotal Revenue (U)	Subtotal Rate (V)	% Increase (W)	Other Charges				Proposed Total Rate (AB)	% Increase on Total Rate (AC)
													FAC Rate Phase-in Rider (X)	Proposed POLR Rate (Y)	Current Transmission Rate (Z)	Current Distribution Rate (AA)		
1	RS	Residential Service	\$224,864,975	\$245,848,108	\$8,890,014	\$479,503,097	\$0.08545	14.80%	\$4,249,359	\$475,253,739	\$0.08487	13.79%	\$0.00289	\$0.00284	\$0.00845	\$0.03413	\$0.11318	11.04%
2																		-0.00048
3	RS-TOD	Residential - Time of Day	\$230,353	\$298,534	\$9,218	\$538,104	\$0.06048	14.81%	\$5,160	\$532,944	\$0.05990	13.70%	\$0.00289	\$0.00284	\$0.00845	\$0.02885	\$0.10094	11.75%
4																		
5	GS-1	General Service - Nor	\$8,810,779	\$11,847,894	\$320,553	\$20,179,227	\$0.05715	-16.71%	\$4,872,466	\$25,051,692	\$0.07096	3.40%	\$0.00289	\$0.00284	\$0.00697	\$0.04054	\$0.12419	4.57%
6																		
7	GS-1	GS-1 On-Peak	\$15,502	\$27,410	\$620	\$43,532	\$0.06329	-8.63%	\$11,272	\$54,804	\$0.06709	15.03%	\$0.00289	\$0.00284	\$0.00697	\$0.01393	\$0.09372	14.49%
8																		0.00709
9	GS-1	General Service - Nor	\$51,689	\$77,795	\$2,088	\$131,552	\$0.06674	-17.30%	\$31,993	\$163,545	\$0.07054	2.81%	\$0.00289	\$0.00284	\$0.00697	\$0.03509	\$0.11834	4.43%
10																		
11	GS-2	General Service - Low	\$63,215,872	\$86,241,413	\$2,529,596	\$151,985,880	\$0.05914	-4.89%	\$17,245,147	\$169,232,027	\$0.06585	5.91%	\$0.00289	\$0.00284	\$0.00603	\$0.02248	\$0.10010	7.18%
12																		
13	GS-2	General Service - Low	\$9,708,414	\$13,287,540	\$398,404	\$23,382,358	\$0.05700	-6.27%	\$2,752,504	\$26,134,862	\$0.06371	4.78%	\$0.00279	\$0.00284	\$0.00606	\$0.01748	\$0.09288	5.70%
14																		
15	GS-2	General Service - Low	\$4,858,134	\$6,891,803	\$194,399	\$11,944,436	\$0.05502	-9.14%	\$1,456,877	\$13,401,313	\$0.06173	1.95%	\$0.00274	\$0.00284	\$0.00534	\$0.01483	\$0.08748	4.86%
16																		
17	GS-2	General Service - Low	\$1,689,351	\$2,426,743	\$65,799	\$4,162,893	\$0.05446	-8.59%	\$512,918	\$4,675,811	\$0.06117	2.67%	\$0.00274	\$0.00284	\$0.00534	\$0.01131	\$0.08340	5.66%
18																		0.00309
19	GS-2	GS-2 Energy Storage	\$37,532	\$72,014	\$1,502	\$111,047	\$0.05174	7.94%	\$14,400	\$125,447	\$0.05845	21.93%	\$0.00289	\$0.00284	\$0.00603	\$0.01252	\$0.08273	19.59%
20																		
21	GS-2	GS-2 Recreational Liq	\$171,345	\$247,537	\$6,866	\$425,738	\$0.05771	-5.02%	\$49,498	\$475,237	\$0.06442	6.03%	\$0.00289	\$0.00284	\$0.00603	\$0.03132	\$0.10750	6.64%
22																		
23	GS	General Service - Tim	\$2,103,932	\$3,377,027	\$84,189	\$5,565,147	\$0.05530	4.59%	\$675,283	\$6,240,430	\$0.06201	17.28%	\$0.00289	\$0.00284	\$0.00603	\$0.01921	\$0.09298	15.06%
24																		
25	GS-3	General Service - Me	\$53,971,852	\$88,517,884	\$2,159,594	\$144,649,431	\$0.05483	8.94%	\$158,274	\$144,461,157	\$0.05477	8.82%	\$0.00289	\$0.00284	\$0.00614	\$0.01683	\$0.08348	10.94%
26																		
27	GS-3	General Service - Me	\$48,874,385	\$84,626,567	\$1,955,718	\$135,466,870	\$0.05185	8.02%	\$156,754	\$135,299,916	\$0.05179	7.89%	\$0.00279	\$0.00284	\$0.00576	\$0.01359	\$0.07576	10.80%
28																		-0.00209
29	GS-3	General Service - Me	\$16,424,103	\$28,166,736	\$857,214	\$45,241,053	\$0.05100	6.09%	\$53,221	\$45,187,832	\$0.05094	5.97%	\$0.00274	\$0.00284	\$0.00582	\$0.01300	\$0.07534	9.45%
30																		
31	GS-3	General Service - Me	\$810,301	\$1,431,108	\$32,424	\$2,273,835	\$0.05044	9.08%	\$2,705	\$2,271,130	\$0.05038	8.98%	\$0.00274	\$0.00284	\$0.00582	\$0.00949	\$0.07127	12.28%
32																		
33	GS-4 / IRR-D	General Service - Lar	\$4,558,279	\$8,621,127	\$182,400	\$13,361,807	\$0.05020	18.13%	\$936,845	\$12,424,962	\$0.04889	9.84%	\$0.00279	\$0.00284	\$0.00586	\$0.00945	\$0.06453	14.60%
34																		
35	GS-4 / IRR-D	General Service - Lar	\$40,113,008	\$75,460,299	\$1,605,130	\$117,178,436	\$0.04930	15.41%	\$8,388,862	\$108,811,575	\$0.04578	7.17%	\$0.00274	\$0.00284	\$0.00561	\$0.00416	\$0.06112	13.05%
36																		-0.00157
37	GS-4 / IRR-D	General Service - Lar	\$73,990,384	\$188,597,316	\$2,960,740	\$265,548,442	\$0.04470	15.87%	\$20,911,230	\$244,637,212	\$0.04118	6.84%	\$0.00274	\$0.00284	\$0.00561	\$0.00164	\$0.05401	13.99%
38																		
39	EHG	Electric Heating Gene	\$836,044	\$739,948	\$21,450	\$1,297,442	\$0.05884	28.42%	\$101,214	\$1,196,228	\$0.05425	18.40%	\$0.00289	\$0.00284	\$0.01035	\$0.02808	\$0.09841	12.96%
40																		-0.00209
41	EHG	Electric Heating Scho	\$9,787	\$13,332	\$392	\$23,510	\$0.05818	127.04%	\$8,500	\$14,710	\$0.03703	42.05%	\$0.00289	\$0.00284	\$0.00853	\$0.00807	\$0.05736	29.24%
42																		-0.00829
43	SS	School Service	\$1,030,344	\$1,403,829	\$41,229	\$2,475,202	\$0.05917	7.87%	\$80,653	\$2,635,855	\$0.06062	10.51%	\$0.00289	\$0.00284	\$0.00853	\$0.02149	\$0.09438	9.96%
44																		0.00051
45	FL	Flood Pumping	\$10,909	\$17,224	\$437	\$28,570	\$0.05569	61.96%	\$6,118	\$22,462	\$0.04374	27.27%	\$0.00289	\$0.00284	\$0.00603	\$0.02709	\$0.08259	17.68%
46																		-0.00500
47	OL	Outdoor Lighting	\$29,703	\$1,880,583	\$1,189	\$1,911,486	\$0.03411	-70.79%	\$3,455,627	\$5,367,112	\$0.09577	-17.98%	\$0.00289	\$0.00284	\$0.00272	\$0.10187	\$0.20809	-7.13%
48																		0.03625
49	SL	Street Lighting	\$39,245	\$2,232,036	\$1,570	\$2,272,848	\$0.03417	-70.34%	\$3,876,574	\$6,149,420	\$0.09245	-19.74%	\$0.00289	\$0.00284	\$0.00272	\$0.07513	\$0.17803	-9.08%
50																		0.03602
51	SBS	Standby Service	\$222,362	\$7,474	\$8,588	\$238,734	\$1.01401	161.78%	\$82,908	\$175,825	\$0.74582	48.81%	\$0.00274	\$0.00284	\$0.19771	\$0.41271	\$1.36282	22.24%
52																		-0.13024
53		Total OP	\$855,366,562	\$662,362,189	\$22,222,708	\$1,429,931,475	\$0.05494	8.88%	\$4,437	\$1,428,627,038	\$0.05493	8.88%	\$0.00282	\$0.00284	\$0.00855	\$0.01773	\$0.08488	10.56%
54																		
55		TOTAL AEP OHIO	\$879,826,394	\$1,429,889,418	\$33,185,942	\$2,448,381,694	\$0.05828	7.82%	\$2,975	\$2,448,375,719	\$0.05828	7.82%	\$0.00289	\$0.00284	\$0.00861	\$0.02046	\$0.08928	7.88%

OHIO POWER COMPANY
Case No. 10-XXX-EL-SSO
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Date: 0 MOS Actual & 12 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

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Proposed 2013 Base Rates, 2011 Full Cost Fuel & Environmental																			
Line No.	Rate Code (A)	Class/ Descript. (B)	Base Generation Revenues (AD)	Fuel Adjustment Rider (AE)	Environmental Investment	Total Proposed Generation Revenue (AG)	Proposed Generation Rate (AH)	% Increase (AI)	Market Transition Rider (AJ)	Subtotal Revenue (AK)	Subtotal Rate (AL)	% Increase (AM)	Other Charges					Proposed Total Rate (AR)	% Increase on Total Rate (AS)
					Carrying Cost Rider (AF)								FAC Rate Phase-In Rider (AN)	Proposed POLR Rate (AO)	Current Transmission Rate (AP)	Current Distribution Rate (AQ)			
1	RS	Residential Service	\$248,884,056	\$246,848,108	\$8,990,165	\$503,722,330	\$0.06875	6.06%	-\$2,710,798	\$601,011,532	\$0.06838	5.42%	\$0.00289	\$0.00284	\$0.00845	\$0.03413	\$0.11670	3.11%	
2																			
3	R6-TOD	Residential - Time of Day	\$255,211	\$296,534	\$9,219	\$562,964	\$0.06328	4.62%	-\$3,292	\$559,672	\$0.06291	5.02%	\$0.00289	\$0.00284	\$0.00845	\$0.02685	\$0.10394	2.98%	
4																			
5	GS-1	General Service - Nor	\$6,874,304	\$11,847,894	\$320,557	\$21,042,755	\$0.05960	4.28%	\$2,583,341	\$23,626,096	\$0.06086	-5.77%	\$0.00289	\$0.00284	\$0.00697	\$0.04054	\$0.12010	-3.30%	
6																			
7	GS-1	GS-1 On-Peak	\$17,173	\$27,410	\$620	\$45,203	\$0.05534	3.84%	\$5,930	\$51,133	\$0.06260	-6.70%	\$0.00289	\$0.00284	\$0.00697	\$0.01393	\$0.08923	-4.79%	
8																			
9	GS-1	General Service - Nor	\$57,262	\$77,795	\$2,068	\$137,125	\$0.05915	4.24%	\$16,831	\$153,956	\$0.06641	-5.86%	\$0.00289	\$0.00284	\$0.00697	\$0.03509	\$0.11420	-3.50%	
10																			
11	GS-2	General Service - Low	\$70,029,362	\$86,241,413	\$2,629,594	\$158,900,368	\$0.06179	4.48%	\$8,712,526	\$167,512,894	\$0.06518	-1.02%	\$0.00289	\$0.00284	\$0.00603	\$0.02248	\$0.09943	-0.67%	
12																			
13	GS-2	General Service - Low	\$10,752,417	\$13,287,540	\$389,398	\$24,428,354	\$0.05955	4.47%	\$1,390,509	\$25,818,864	\$0.06294	-1.21%	\$0.00279	\$0.00284	\$0.00606	\$0.01748	\$0.09211	-0.83%	
14																			
15	GS-2	General Service - Low	\$5,381,605	\$6,891,903	\$194,394	\$12,467,902	\$0.05743	4.38%	\$735,935	\$13,203,839	\$0.06082	-1.47%	\$0.00274	\$0.00284	\$0.00534	\$0.01483	\$0.08557	-1.04%	
16																			
17	GS-2	General Service - Low	\$1,849,232	\$2,426,743	\$66,798	\$4,342,773	\$0.05881	4.32%	\$259,134	\$4,601,907	\$0.06020	-1.58%	\$0.00274	\$0.00284	\$0.00534	\$0.01131	\$0.08243	-1.16%	
18																			
19	GS-2	GS-2 Energy Storage	\$41,577	\$72,014	\$1,502	\$115,093	\$0.06363	3.64%	\$7,275	\$122,368	\$0.05702	-2.46%	\$0.00289	\$0.00284	\$0.00603	\$0.01252	\$0.08130	-1.73%	
20																			
21	GS-2	GS-2 Recreational Use	\$199,811	\$247,537	\$6,886	\$444,203	\$0.06022	4.34%	\$25,007	\$469,211	\$0.06361	-1.27%	\$0.00289	\$0.00284	\$0.00603	\$0.03132	\$0.10969	-0.76%	
22																			
23	GS	General Service - Tim	\$2,330,820	\$3,377,027	\$84,194	\$5,792,041	\$0.05755	4.88%	\$341,164	\$6,133,204	\$0.06094	-1.72%	\$0.00289	\$0.00284	\$0.00603	\$0.01921	\$0.09191	-1.15%	
24																			
25	GS-3	General Service - Me	\$58,789,100	\$68,517,884	\$2,159,686	\$150,466,680	\$0.05704	4.02%	\$79,137	\$150,545,818	\$0.05707	4.18%	\$0.00288	\$0.00284	\$0.00514	\$0.01663	\$0.08575	2.75%	
26																			
27	GS-3	General Service - Me	\$54,142,638	\$64,828,587	\$1,965,736	\$140,724,839	\$0.05368	3.89%	\$78,377	\$140,803,316	\$0.05389	4.07%	\$0.00279	\$0.00284	\$0.00575	\$0.01359	\$0.07887	2.74%	
28																			
29	GS-3	General Service - Me	\$18,194,146	\$28,159,736	\$957,207	\$47,011,080	\$0.05300	3.91%	\$28,810	\$47,037,700	\$0.05303	4.09%	\$0.00274	\$0.00284	\$0.00582	\$0.01300	\$0.07743	2.77%	
30																			
31	GS-3	General Service - Me	\$897,529	\$1,431,109	\$32,424	\$2,361,162	\$0.05238	3.84%	\$1,352	\$2,362,514	\$0.05241	4.02%	\$0.00274	\$0.00284	\$0.00582	\$0.00849	\$0.07330	2.84%	
32																			
33	GS-4 / IRP-D	General Service - Lan	\$5,049,653	\$8,521,127	\$182,403	\$13,853,194	\$0.05205	3.58%	-\$488,422	\$13,364,772	\$0.05029	7.72%	\$0.00279	\$0.00284	\$0.00586	\$0.00845	\$0.06824	5.58%	
34																			
35	GS-4 / IRP-D	General Service - Lan	\$44,436,078	\$75,460,289	\$1,505,116	\$121,501,493	\$0.05112	3.88%	-\$4,163,431	\$117,338,062	\$0.04936	7.82%	\$0.00274	\$0.00284	\$0.00561	\$0.00416	\$0.05470	5.85%	
36																			
37	GS-4 / IRP-D	General Service - Lan	\$81,958,958	\$188,597,318	\$2,960,514	\$273,516,821	\$0.04604	3.00%	-\$10,455,315	\$263,061,206	\$0.04429	7.50%	\$0.00274	\$0.00284	\$0.00561	\$0.00164	\$0.05711	5.74%	
38																			
39	EHG	Electric Heating Gene	\$593,811	\$739,848	\$21,450	\$1,355,209	\$0.06146	4.45%	-\$50,278	\$1,304,932	\$0.05918	9.09%	\$0.00289	\$0.00284	\$0.01035	\$0.02808	\$0.10334	5.01%	
40																			
41	EHS	Electric Heating Scho	\$10,841	\$13,332	\$392	\$24,565	\$0.06183	4.49%	-\$5,034	\$19,531	\$0.04916	32.78%	\$0.00289	\$0.00284	\$0.00553	\$0.00807	\$0.06949	21.16%	
42																			
43	SS	School Service	\$1,141,399	\$1,403,829	\$41,230	\$2,586,258	\$0.06183	4.49%	\$30,117	\$2,616,375	\$0.06256	3.18%	\$0.00289	\$0.00284	\$0.00653	\$0.02149	\$0.09930	2.04%	
44																			
45	FL	Flood Pumping	\$12,086	\$17,224	\$437	\$29,747	\$0.05795	4.12%	-\$3,188	\$26,559	\$0.05174	18.30%	\$0.00289	\$0.00284	\$0.00680	\$0.02709	\$0.09059	9.65%	
46																			
47	OL	Outdoor Lighting	\$33,088	\$1,880,893	\$1,194	\$1,914,953	\$0.03417	0.18%	\$1,728,374	\$3,643,227	\$0.09501	-32.12%	\$0.00288	\$0.00284	\$0.00272	\$0.10187	\$0.17533	-14.83%	
48																			
49	SL	Street Lighting	\$43,238	\$2,232,030	\$1,562	\$2,276,828	\$0.03423	0.18%	\$1,899,043	\$4,175,870	\$0.09278	-32.09%	\$0.00289	\$0.00284	\$0.00272	\$0.07913	\$0.14838	-16.85%	
50																			
51	SBS	Standby Service	\$296,816	\$7,474	\$9,908	\$282,998	\$1.11707	10.16%	-\$41,566	\$221,432	\$0.94062	25.94%	\$0.00274	\$0.00284	\$0.19771	\$0.41271	\$1.55652	14.21%	
52																			
53		Total OP	\$616,212,128	\$662,362,189	\$22,222,831	\$1,489,786,948	\$0.05723	4.15%	-\$20,867	\$1,469,766,080	\$0.05723	4.18%	\$0.00282	\$0.00284	\$0.00686	\$0.01773	\$0.08717	2.71%	
54																			
55		TOTAL AEP OHIO	\$1,885,103,878	\$1,429,886,418	\$38,196,003	\$2,853,989,988	\$0.06071	4.31%	-\$17,873	\$2,836,112,115	\$0.06071	4.31%	\$0.00283	\$0.00284	\$0.00681	\$0.02049	\$0.09186	2.72%	

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1	R-R	Residential Service												
2		Tariffs: 011, 013, 016 to 018												
3														
4	Charges													
5	Bills		5,658,598											
6	Energy Charges:													
7	Summer													
8	First 800 kWh			1,357,403,945	\$0.0272515	\$35,991,294	\$0.03582	\$48,622,209			\$0.03988	\$53,861,789		
9	All Excess kWh			982,330,291	\$0.0272515	\$25,769,974	\$0.03582	\$35,187,071			\$0.03668	\$38,978,866		
10	Storage/Load Mgmt. Water Heating Energy Charge			11,357,226	\$0.0123349	\$140,090	\$0.01872	\$223,984			\$0.02185	\$248,155		
11	Winter													
12	First 800 kWh			2,493,678,999	\$0.0272515	\$57,956,493	\$0.02838	\$70,770,810			\$0.03144	\$78,401,268		
13	All Excess kWh			1,581,679,054	\$0.0000000	\$0	\$0.02838	\$44,888,052			\$0.03144	\$49,727,989		
14	Storage/Load Mgmt. Water Heating Energy Charge			24,454,342	\$0.0123349	\$301,642	\$0.02019	\$493,733			\$0.02237	\$547,044		
15	Total Base Charges					\$132,159,493		\$200,185,639				\$221,765,110		
16														
17	Fuel Adjustment Clause Rider			6,450,903,847	\$0.0358088	\$229,707,655	\$0.036681	\$216,487,175			\$0.0335681	\$216,487,175		
18														
19	Environmental Investment Carrying Cost Rider				4.65325%	\$6,017,552	4.00152%	\$8,010,488			3.81219%	\$8,010,577		
20														
21	Market Transition Rider			6,450,903,847			(\$0.00245)	-\$15,804,714			(\$0.00124)	-\$7,999,121		
22														
23	Total		5,658,598	6,450,903,847		\$367,884,699		\$408,856,568	\$40,971,869	11.14%		\$436,243,741	\$29,385,174	7.19%
24														
25	Cost in Cents per kWh					5.70		6.34	0.64			6.79	0.46	

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1	R-R-1	Residential - Small Use Load Management Service												
2		Tariffs: 014, 020 to 022, 028												
3														
4	Charges													
5	Bills		2,230,183											
6	Energy Charges:													
7	Summer													
8	First 700 kWh			261,895,292	\$0.0206769	\$5,415,193	\$0.03582	\$9,381,089			\$0.03968	\$10,392,005		
9	Storage/Load Mgmt. Water Heating Energy Charge			2,602,627	\$0.0123349	\$34,570	\$0.01972	\$55,268			\$0.02185	\$61,237		
10	Winter													
11	First 800 kWh			603,337,590	\$0.0206769	\$12,475,151	\$0.02838	\$17,122,721			\$0.03144	\$18,958,934		
12	All Excess kWh			139,608,311	\$0.0000000	\$0	\$0.02838	\$3,962,084			\$0.03144	\$4,389,285		
13	Storage/Load Mgmt. Water Heating Energy Charge			5,957,318	\$0.0123349	\$73,483	\$0.02016	\$120,278			\$0.02237	\$133,265		
14	Total Base Charges					\$17,998,387		\$30,541,440				\$33,944,727		
15														
16	Fuel Adjustment Clause Rider			1,013,601,138	\$0.0356085	\$36,092,917	\$0.0335561	\$34,012,501			\$0.0335561	\$34,012,501		
17														
18	Environmental Investment Carrying Cost Rider				4.55325%	\$819,512	4.00152%	\$1,228,123			3.61219%	\$1,228,148		
19														
20	Market Transition Rider			1,013,601,138			(\$0.00245)	-\$2,483,323			(\$0.00124)	-\$1,256,865		
21														
22	Total		2,230,183	1,013,601,138		\$54,910,816		\$63,396,742	\$8,485,926	15.45%		\$67,926,511	\$4,529,769	7.15%
23														
24	Cost in Cents per kWh					5.42		6.25	0.84			6.70	0.45	

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1	RLM	Residential - Optional Demand Service												
2		Tariffs: 019, 024 to 027												
3														
4	Charges		850											
5	Bills													
6	Energy Charges:													
7	Summer													
8	First 750 kWh			192,757	\$0.0233208	\$4,495	\$0.03582	\$6,905			\$0.03968	\$7,649		
9	Next 150 kWh per kW in excess of 5 kW			784,678	\$0.0221534	\$17,383	\$0.03582	\$28,107			\$0.03968	\$31,136		
10	All additional kWh			1,081,927	\$0.0207285	\$22,427	\$0.03582	\$38,755			\$0.03968	\$42,931		
11	Storage/Load Mgmt. Water Heating Energy Charge			1,129	\$0.0123349	\$14	\$0.01972	\$22			\$0.02185	\$25		
12	Winter													
13	First 750 kWh			429,243	\$0.0233208	\$10,010	\$0.02838	\$12,182			\$0.03144	\$13,495		
14	Next 150 kWh per kW in excess of 5 kW			1,706,917	\$0.0126205	\$21,542	\$0.02838	\$48,442			\$0.03144	\$53,665		
15	All additional kWh			2,026,165	\$0.0147598	\$29,891	\$0.02838	\$57,474			\$0.03144	\$63,671		
16	Storage/Load Mgmt. Water Heating Energy Charge			2,488	\$0.0123349	\$30	\$0.02019	\$50			\$0.02237	\$55		
17	Total Base Charges					\$105,793		\$191,837				\$212,627		
18														
19	Fuel Adjustment Clause Rider			6,224,284	\$0.0368086	\$221,638	\$0.0335561	\$208,863			\$0.0335561	\$208,863		
20														
21	Environmental Investment Carrying Cost Rider				4.55325%	\$4,817	4.00162%	\$7,680			3.61219%	\$7,681		
22														
23	Market Transition Rider			6,224,284			(\$0.00245)	-\$15,249			(\$0.00124)	-\$7,718		
24														
25	Total		850	6,224,284		\$332,248		\$393,230	\$60,983	18.35%		\$421,453	\$28,222	7.18%
26														
27	Cost In Cents per kWh					5.34		6.32	0.98			6.77	0.45	

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1	RS-TOD	Residential - Time of Day Service												
2		Tariffs: 030												
3														
4	Charges													
5	Bills		76											
6	Energy Charges:													
7	Summer													
8	On-Peak kWh			8,110	\$0.0369546	\$292	\$0.04953	\$402			\$0.05487	\$445		
9	Off-Peak kWh			15,434	\$0.0123349	\$190	\$0.01972	\$304			\$0.02186	\$337		
10	Winter													
11	On-Peak kWh			12,167	\$0.0369546	\$437	\$0.03607	\$439			\$0.03996	\$486		
12	Off-Peak kWh			27,664	\$0.0123349	\$340	\$0.02019	\$557			\$0.02237	\$617		
13	Total Base Charges					\$1,259		\$1,702				\$1,885		
14														
15	Fuel Adjustment Clause Rider			63,295	\$0.0356066	\$2,254	\$0.0335561	\$2,124			\$0.0335561	\$2,124		
16														
17	Environmental Investment Carrying Cost Rider				4.55325%	\$57	4.00152%	\$68			3.61219%	\$68		
18														
19	Market Transition Rider			63,295			(\$0.00245)	-\$155			(\$0.00245)	-\$155		
20														
21	Total		76	63,295		\$3,571		\$3,739	\$168	4.71%		\$3,922	\$184	4.91%
22														
23	Cost in Cents per kWh					5.64		5.91	0.27			6.20	0.29	

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1	RS-ES	Residential - Energy Storage												
2		Tariffs: 032												
3														
4	Charges													
5	Bills		24											
6	Energy Charges:													
7	Summer													
8	On-Peak kWh			2,696	\$0.0359545	\$97	\$0.04953	\$134			\$0.05487	\$148		
9	Off-Peak kWh			3,018	\$0.0123349	\$37	\$0.01972	\$60			\$0.02185	\$66		
10	Winter													
11	On-Peak kWh			4,569	\$0.0359545	\$164	\$0.03807	\$185			\$0.03998	\$183		
12	Off-Peak kWh			6,393	\$0.0123349	\$79	\$0.02019	\$129			\$0.02237	\$143		
13	Total Base Charges					\$377		\$487				\$539		
14														
15	Fuel Adjustment Clause Rider			16,676	\$0.0356086	\$594	\$0.0335561	\$560			\$0.0335561	\$560		
16														
17	Environmental Investment Carrying Cost Rider				4.55325%	\$17	4.00152%	\$19			3.61219%	\$19		
18														
19	Market Transition Rider			16,676			(\$0.00245)	-\$41			(\$0.00124)	-\$21		
20														
21	Total		24	16,676		\$986		\$1,025	\$37	3.73%		\$1,098	\$73	7.09%
22														
23	Cost in Cents per kWh					5.93		6.15	0.22			6.58	0.44	

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1	GS-1	General Service - Small												
2		Tariffs: 202, 206												
3														
4	Charges													
5	Bills		511,642											
6	Energy Charges:													
7	Summer													
8	First 1,000 kWh			50,466,505	\$0.0581653	\$2,834,466	\$0.02714	\$1,369,661			\$0.03006	\$1,517,023		
9	All Over 1,000 kWh			21,999,906	\$0.0250670	\$551,472	\$0.02714	\$597,077			\$0.03006	\$661,317		
10	Winter													
11	First 1,000 kWh			99,102,942	\$0.0581653	\$5,566,146	\$0.02067	\$2,038,548			\$0.02279	\$2,258,556		
12	All Over 1,000 kWh			34,086,427	\$0.0250670	\$854,444	\$0.02067	\$701,158			\$0.02279	\$776,830		
13	Total Base Charges					\$9,806,529		\$4,706,444				\$5,213,726		
14														
15	Fuel Adjustment Clause Rider			205,655,780	\$0.0326772	\$6,720,255	\$0.0335561	\$6,901,006			\$0.0335561	\$6,901,006		
16														
17	Environmental Investment Carrying Cost Rider				4.55325%	\$446,516	4.00152%	\$188,329			3.61219%	\$188,330		
18														
19	Market Transition Rider			205,655,780			\$0.01811	\$3,724,428			\$0.00923	\$1,896,203		
20														
21	Total		511,642	205,655,780		\$16,973,300		\$15,520,205	-\$1,453,095	-8.56%		\$14,201,264	-\$1,318,941	-8.50%
22														
23	Cost in Cents per kWh					8.25		7.55	(0.71)			6.91	(0.64)	

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1	GS-1	General Service - Small - Optional Unmetered Service												
2		Tariffs: 077, 078, 204, 214, 732												
3														
4	Charges													
5	Bills		6,305											
6	Energy Charges:													
7	Summer													
8	All kWh			6,321,890	\$0.0247143	\$156,236	\$0.02714	\$171,571			\$0.03006	\$190,030		
9	Winter													
10	All kWh			13,419,449	\$0.0247143	\$331,652	\$0.02067	\$276,038			\$0.02279	\$305,829		
11	Total Base Charges					\$487,888		\$447,609				\$495,859		
12														
13	Fuel Adjustment Clause Rider			19,741,139	\$0.0326772	\$645,085	\$0.0335561	\$662,436			\$0.0335561	\$662,436		
14														
15	Environmental Investment Carrying Cost Rider				4.55325%	\$22,215	4.00152%	\$17,911			3.61219%	\$17,911		
16														
17	Market Transition Rider			19,741,139			\$0.01811	\$357,512			\$0.00923	\$182,211		
18														
19	Total		6,305	19,741,139		\$1,155,188		\$1,485,468	\$330,279	28.56%		\$1,358,417	-\$127,051	-8.55%
20														
21	Cost in Cents per kWh					5.85		7.62	1.67			91.45	83.92	

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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Current Rate (E)	Current Revenue (F)	Proposed 2012 Rate (G)	Proposed Revenue (H)	2012 Increase (I=H-F)	% Increase (J)	Proposed 2013 Rate (K)	Proposed Revenue (L)	2013 Increase (M=L-H)	% Increase (N)
1	GS-2	General Service - Low Load Factor - Secondary Voltage												
2		Tariffs: 203, 207, 208, 209												
3														
4		<u>Charges</u>												
5		Bills	237,469											
6		Demand Charges:												
7		<u>Summer</u>												
8		Standard		1,369,711	\$0.000	\$0								
9		Minimum		24,640	\$0.000	\$0								
10		Maximum		20,301	\$0.000	\$0								
11		Off-Peak Excess		697	\$0.361	\$252								
12		<u>Winter</u>												
13		Standard		2,417,660	\$0.000	\$0								
14		Minimum		46,124	\$0.000	\$0								
15		Maximum		37,171	\$0.000	\$0								
16		Off-Peak Excess		1,174	\$0.361	\$424								
17		Energy Charges:												
18		<u>Summer</u>												
19		Standard kWh		379,730,129	\$0.0442346	\$16,797,210								
20		Minimum kWh		365,428	\$0.0000000	\$0								
21		Maximum kWh		798,590	\$0.0462172	\$36,908								
22		First 100 kWh/kW		138,512,962			\$0.03130	\$4,335,456			\$0.03467	\$4,802,244		
23		Next 100 kWh/kW		113,827,378			\$0.03040	\$3,453,392			\$0.03368	\$3,837,074		
24		Next 100 kWh/kW		73,794,740			\$0.02700	\$1,992,458			\$0.02991	\$2,207,201		
25		Next 100 kWh/kW		34,375,896			\$0.02108	\$724,644			\$0.02335	\$802,677		
26		Next 100 kWh/kW		10,663,676			\$0.01265	\$134,895			\$0.01401	\$149,398		
27		Next 100 kWh/kW		1,612,317			\$0.00172	\$2,773			\$0.00191	\$3,080		
28		Over 600 kWh/kW		8,037,169			\$0.00000	\$0			\$0.00000	\$0		
29		<u>Winter</u>												
30		Standard kWh		644,694,461	\$0.0442346	\$28,517,802								
31		Minimum kWh		718,939	\$0.0000000	\$0								
32		Maximum kWh		1,493,503	\$0.0462172	\$69,026								
33		First 100 kWh/kW		244,923,995			\$0.02434	\$5,951,450			\$0.02696	\$6,603,151		
34		Next 100 kWh/kW		196,067,764			\$0.02354	\$4,615,436			\$0.02608	\$5,113,447		
35		Next 100 kWh/kW		117,821,102			\$0.02048	\$2,415,024			\$0.02269	\$2,675,630		
36		Next 100 kWh/kW		52,009,813			\$0.01519	\$790,029			\$0.01683	\$875,325		
37		Next 100 kWh/kW		16,905,951			\$0.00755	\$121,681			\$0.00847	\$134,723		
38		Next 100 kWh/kW		2,682,099			\$0.00000	\$0			\$0.00000	\$0		
39		Over 600 kWh/kW		17,366,178			\$0.00000	\$0			\$0.00000	\$0		
40														
41		Difference between Metered and Billing Energy		0										
42		Total Base Charges				\$45,420,946		\$24,657,237				\$27,203,950		
43														
44		Fuel Adjustment Clause Rider		1,027,831,040	\$0.0348211	\$35,790,207	\$0.0335561	\$34,490,001			\$0.0335561	\$34,490,001		
45														
46		Environmental Investment Carrying Cost Rider			4.56325%	\$2,068,129	4.00162%	\$982,663			3.61219%	\$982,668		
47														
48		Market Transition Rider		1,027,831,040			\$0.01753	\$18,017,878			\$0.00873	\$8,972,965		
49														
50		Total	237,469	1,027,831,040		\$83,279,282		\$78,047,780	-\$5,231,503	-6.28%		\$71,649,575	-\$6,398,205	-8.20%
51														
52		Cost In Cents per kWh				8.10		7.59	(0.51)			6.97	(0.62)	

COLUMBUS SOUTHERN POWER COMPANY
Case No. 10-XXX-EL-SSO
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
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Data: 0 MOS Actual & 12 MOS Estimated
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1	GS-2	General Service - Low Load Factor - Primary Voltage												
2		Tariffs: 217, 218, 219												
3														
4	Charges													
5	Bills		860											
6	Demand Charges:													
7	Summer													
8	Standard			87,371	\$0.000	\$0								
9	Minimum			2,417	\$0.000	\$0								
10	Maximum			4,273	\$0.000	\$0								
11	Off-Peak Excess			318	\$0.351	\$111								
12	Winter													
13	Standard			185,710	\$0.000	\$0								
14	Minimum			5,297	\$0.000	\$0								
15	Maximum			5,903	\$0.000	\$0								
16	Off-Peak Excess			734	\$0.351	\$258								
17	Energy Charges:													
18	Summer													
19	Standard kWh			16,838,793	\$0.0434546	\$731,721								
20	Minimum kWh			69,291	\$0.0000000	\$0								
21	Maximum kWh			126,206	\$0.0669990	\$8,764								
22	First 100 kWh/kW			9,003,167			\$0.03021	\$271,986			\$0.03347	\$301,336		
23	Next 100 kWh/kW			5,979,136			\$0.02935	\$175,488			\$0.03251	\$194,382		
24	Next 100 kWh/kW			1,279,099			\$0.02606	\$33,333			\$0.02987	\$36,829		
25	Next 100 kWh/kW			418,477			\$0.02035	\$8,516			\$0.02254	\$9,432		
26	Next 100 kWh/kW			100,297			\$0.01221	\$1,225			\$0.01353	\$1,357		
27	Next 100 kWh/kW			23,518			\$0.00166	\$39			\$0.00184	\$43		
28	Over 600 kWh/kW			229,596			\$0.00000	\$0			\$0.00000	\$0		
29	Winter													
30	Standard kWh			38,891,767	\$0.0434546	\$1,603,113								
31	Minimum kWh			76,812	\$0.0000000	\$0								
32	Maximum kWh			167,751	\$0.0669990	\$11,742								
33	First 100 kWh/kW			17,811,576			\$0.02350	\$418,572			\$0.02803	\$463,635		
34	Next 100 kWh/kW			12,347,867			\$0.02272	\$280,544			\$0.02517	\$310,798		
35	Next 100 kWh/kW			4,530,848			\$0.01677	\$99,575			\$0.02190	\$99,226		
36	Next 100 kWh/kW			1,779,091			\$0.01466	\$26,061			\$0.01824	\$28,692		
37	Next 100 kWh/kW			473,348			\$0.00738	\$3,493			\$0.00818	\$3,872		
38	Next 100 kWh/kW			37,409			\$0.00000	\$0			\$0.00000	\$0		
39	Over 600 kWh/kW			156,181			\$0.00000	\$0			\$0.00000	\$0		
40														
41	Difference between Metered and Billing Energy			0										
42	Total Base Charges					\$2,355,709		\$1,308,652				\$1,449,899		
43														
44	Fuel Adjustment Clause Rider			64,168,610	\$0.0336954	\$1,824,591	\$0.0323621	\$1,754,635			\$0.0323621	\$1,754,635		
45														
46	Environmental Investment Carrying Cost Rider				4.55325%	\$107,261	4.00152%	\$52,374			3.61219%	\$52,373		
47														
48	Market Transition Rider			64,168,610			\$0.01753	\$949,576			\$0.00673	\$472,892		
49														
50	Total		860	64,168,610		\$4,287,662		\$4,065,436	-\$222,226	-5.18%		\$3,728,799	-\$335,637	-8.26%
51														
52	Cost in Cents per kWh					7.92		7.51	(0.41)			6.89	(0.62)	

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1	GS-2	GS-2 Load Management Time-of-Day Provision												
2		Tariffs: 220, 222												
3														
4	Charges													
5	Bills		120											
6	Energy Charges:													
7	Summer													
8	On-Peak kWh			143,952	\$0.0778362	\$11,205	\$0.03923	\$5,647			\$0.04346	\$6,256		
9	Off-Peak kWh			276,672	\$0.0002659	\$74	\$0.01292	\$3,575			\$0.01431	\$3,959		
10	Winter													
11	On-Peak kWh			251,489	\$0.0778362	\$19,575	\$0.02735	\$6,878			\$0.03030	\$7,620		
12	Off-Peak kWh			506,085	\$0.0002659	\$135	\$0.01334	\$6,751			\$0.01478	\$7,480		
13	Total Base Charges					\$30,988		\$22,851				\$25,315		
14														
15	Fuel Adjustment Clause Rider			1,178,178	\$0.0348211	\$41,025	\$0.0335561	\$39,535			\$0.0335561	\$39,535		
16														
17	Environmental Investment Carrying Cost Rider				4.56325%	\$1,411	4.00152%	\$914			3.61219%	\$914		
18														
19	Market Transition Rider			1,178,178			\$0.01611	\$21,337			\$0.00923	\$10,875		
20														
21	Total		120	1,178,178		\$73,424		\$94,637	\$11,213	15.27%		\$76,639	\$7,996	-9.45%
22														
23	Cost in Cents per kWh					6.23		7.18	0.95			6.50	(0.68)	

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1	GS-2-TOD	General Service - Time-of-Day												
2		Tariffs: 228, 230												
3														
4	<u>Charges</u>													
5	Bills		1,175											
6	Energy Charges:													
7	<u>Summer</u>													
8	On-Peak kWh			782,464	\$0.0778362	\$60,904	\$0.03623	\$30,696			\$0.04346	\$34,006		
9	Off-Peak kWh			1,560,402	\$0.0002659	\$416	\$0.01292	\$20,160			\$0.01431	\$22,329		
10	<u>Winter</u>													
11	On-Peak kWh			1,712,047	\$0.0778362	\$133,259	\$0.02735	\$46,824			\$0.03030	\$51,875		
12	Off-Peak kWh			3,059,795	\$0.0002659	\$814	\$0.01334	\$40,618			\$0.01478	\$45,224		
13	Total Base Charges					\$165,392		\$138,499				\$153,434		
14														
15	Fuel Adjustment Clause Rider			7,114,709	\$0.0346211	\$247,742	\$0.0335561	\$238,742			\$0.0335561	\$238,742		
16														
17	Environmental Investment Carrying Cost Rider				4.55325%	\$8,897	4.00152%	\$6,542			3.61219%	\$5,542		
18														
19	Market Transition Rider			7,114,709			\$0.01811	\$128,847			\$0.00923	\$65,669		
20														
21	Total		1,175	7,114,709		\$452,030		\$511,630	\$59,600	13.18%		\$463,387	\$48,243	-9.43%
22														
23	Cost in Cents per kWh					6.35		7.19	0.84			90.57	83.38	

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1	GS-3	General Service - Medium Load Factor - Secondary Voltage												
2		Tariffs: 240, 241, 242												
3														
4	Charges													
5	Bills		53,209											
6	Demand Charges:													
7	Summer													
8	Standard			2,419,296	\$9.989	\$24,166,048								
9	Minimum			21,633	\$9.989	\$216,092								
10	Maximum			196	\$0.000	\$0								
11	Off-Peak Excess			8,472	\$1.301	\$11,022								
12	Winter													
13	Standard			4,483,192	\$9.989	\$44,782,805								
14	Minimum			39,809	\$9.989	\$396,854								
15	Maximum			390	\$0.000	\$0								
16	Off-Peak Excess			14,997	\$1.301	\$19,511								
17	Energy Charges:													
18	Summer													
19	Standard kWh			1,041,739,495	\$0.0000000	\$0								
20	Minimum kWh			1,750,204	\$0.0000000	\$0								
21	Maximum kWh			24,389	\$0.0250681	\$611								
22	First 100 kWh/kW			241,754,284			\$0.03130	\$7,586,909			\$0.03467	\$8,381,621		
23	Next 100 kWh/kW			239,719,416			\$0.03040	\$7,287,470			\$0.03368	\$8,073,750		
24	Next 100 kWh/kW			227,883,156			\$0.02700	\$6,152,845			\$0.02991	\$6,815,985		
25	Next 100 kWh/kW			185,650,189			\$0.02108	\$3,913,506			\$0.02335	\$4,334,932		
26	Next 100 kWh/kW			107,128,423			\$0.01285	\$1,355,175			\$0.01401	\$1,500,859		
27	Next 100 kWh/kW			34,511,809			\$0.00172	\$59,360			\$0.00191	\$65,917		
28	Over 800 kWh/kW			6,867,009			\$0.00000	\$0			\$0.00000	\$0		
29	Winter													
30	Standard kWh			1,887,017,833	\$0.0000000	\$0								
31	Minimum kWh			3,640,332	\$0.0000000	\$0								
32	Maximum kWh			58,296	\$0.0250681	\$1,481								
33	First 100 kWh/kW			449,686,200			\$0.02434	\$10,950,474			\$0.02696	\$12,129,202		
34	Next 100 kWh/kW			445,758,104			\$0.02354	\$10,493,146			\$0.02608	\$11,625,371		
35	Next 100 kWh/kW			417,517,097			\$0.02048	\$8,550,750			\$0.02269	\$9,473,463		
36	Next 100 kWh/kW			321,393,549			\$0.01519	\$4,891,968			\$0.01683	\$5,409,053		
37	Next 100 kWh/kW			178,350,988			\$0.00765	\$1,364,385			\$0.00847	\$1,510,633		
38	Next 100 kWh/kW			62,484,246			\$0.00000	\$0			\$0.00000	\$0		
39	Over 800 kWh/kW			15,318,297			\$0.00000	\$0			\$0.00000	\$0		
40														
41	Difference between Metered and Billing Energy			65,160										
42	Total Base Charges					\$89,593,005		\$82,576,967				\$89,320,796		
43														
44	Fuel Adjustment Clause Rider			2,934,295,709	\$0.0338891	\$99,440,841	\$0.0335561	\$98,463,520			\$0.0335561	\$98,463,520		
45														
46	Environmental Investment Carrying Cost Rider				4.56325%	\$3,189,744	4.00152%	\$2,503,991			3.61219%	\$2,503,999		
47														
48	Market Transition Rider			2,934,295,709			\$0.00291	\$8,538,801			\$0.00155	\$4,548,158		
49														
50	Total		53,209	2,934,295,709		\$172,202,389		\$172,082,299	-\$120,091	-0.07%		\$174,836,474	\$2,754,175	1.60%
51														
52	Cost in Cents per kWh					5.87		5.96	(0.00)			5.96	0.09	

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1	GS-3	General Service - Medium Load Factor - Primary Voltage												
2		Tariffs: 201, 205, 210												
3														
4		Charges												
5		Bills	4,306											
6		Demand Charges:												
7		Summer												
8		Standard		1,354,772	\$9.662	\$13,089,807								
9		Minimum		31,287	\$9.662	\$302,295								
10		Maximum		0	\$0.000	\$0								
11		Off-Peak Excess		30,338	\$1.260	\$38,226								
12		Winter												
13		Standard		2,515,612	\$9.662	\$24,305,843								
14		Minimum		20,591	\$9.662	\$198,950								
15		Maximum		178	\$0.000	\$0								
16		Off-Peak Excess		64,776	\$1.260	\$81,618								
17		Energy Charges:												
18		Summer												
19		Standard kWh		683,763,350	\$0.0000721	\$49,299								
20		Minimum kWh		1,528,148	\$0.0000000	\$0								
21		Maximum kWh		0	\$0.0464009	\$0								
22		First 100 kWh/kW		139,984,838			\$0.03021	\$4,228,942			\$0.03347	\$4,685,293		
23		Next 100 kWh/kW		138,186,318			\$0.02935	\$4,055,768			\$0.03251	\$4,492,437		
24		Next 100 kWh/kW		134,526,364			\$0.02806	\$3,505,757			\$0.02887	\$3,883,776		
25		Next 100 kWh/kW		122,272,370			\$0.02036	\$2,488,243			\$0.02234	\$2,759,019		
26		Next 100 kWh/kW		91,931,904			\$0.01221	\$1,122,489			\$0.01353	\$1,243,839		
27		Next 100 kWh/kW		47,326,318			\$0.00166	\$78,582			\$0.00184	\$87,080		
28		Over 600 kWh/kW		11,164,385			\$0.00000	\$0			\$0.00000	\$0		
29		Winter												
30		Standard kWh		1,277,288,137	\$0.0000721	\$92,091								
31		Minimum kWh		1,617,997	\$0.0000000	\$0								
32		Maximum kWh		23,633	\$0.0464009	\$1,097								
33		First 100 kWh/kW		259,089,696			\$0.02350	\$6,088,808			\$0.02603	\$6,744,106		
34		Next 100 kWh/kW		256,381,045			\$0.02272	\$5,824,977			\$0.02517	\$6,453,111		
35		Next 100 kWh/kW		248,424,424			\$0.01977	\$4,911,351			\$0.02190	\$5,440,495		
36		Next 100 kWh/kW		227,447,895			\$0.01466	\$3,334,385			\$0.01624	\$3,693,754		
37		Next 100 kWh/kW		171,646,403			\$0.00738	\$1,266,750			\$0.00818	\$1,404,068		
38		Next 100 kWh/kW		87,791,687			\$0.00000	\$0			\$0.00000	\$0		
39		Over 600 kWh/kW		28,128,617			\$0.00000	\$0			\$0.00000	\$0		
40														
41		Difference between Metered and Billing Energy		-832,682										
42		Total Base Charges				\$36,159,226		\$36,805,833				\$40,883,976		
43														
44		Fuel Adjustment Clause Rider		1,963,469,681	\$0.0327838	\$64,369,994	\$0.0323921	\$63,600,903			\$0.0323921	\$63,600,903		
45														
46		Environmental Investment Carrying Cost Rider			4.65325%	\$1,737,485	4.00152%	\$1,476,784			3.61219%	\$1,476,807		
47														
48		Market Transition Rider		1,963,469,681			\$0.00291	\$5,713,696			\$0.00165	\$3,043,378		
49														
50		Total	4,306	1,963,469,681		\$104,299,706		\$107,597,227	\$3,430,522	3.29%		\$109,005,064	\$1,307,837	1.21%
51														
52		Cost in Cents per kWh				5.31		6.49	0.17			5.55	0.07	

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(Electric and Gas Utilities)

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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Current Rate (E)	Current Revenue (F)	Proposed 2012 Rate (G)	Proposed Revenue (H)	2012 Increase (I=H-F)	% Increase (J)	Proposed 2013 Rate (K)	Proposed Revenue (L)	2013 Increase (M=L-H)	% Increase (N)
1	GS-3	GS-3 Load Management Time-of-Day Provision												
2		Tariffs: 250, 252												
3														
4	Charges													
5	Bills		12											
6	Energy Charges:													
7	Summer													
8	On-Peak kWh			242,533	\$0.0482929	\$11,713	\$0.03923	\$9,515			\$0.04346	\$10,540		
9	Off-Peak kWh			1,666,932	\$0.0000000	\$0	\$0.01292	\$21,535			\$0.01431	\$23,852		
10	Winter													
11	On-Peak kWh			297,617	\$0.0482929	\$14,373	\$0.02735	\$8,140			\$0.03030	\$9,018		
12	Off-Peak kWh			1,209,926	\$0.0000000	\$0	\$0.01334	\$16,140			\$0.01478	\$17,883		
13	Total Base Charges					\$26,085		\$55,330				\$81,293		
14														
15	Fuel Adjustment Clause Rider			3,416,908	\$0.0338881	\$115,796	\$0.0335561	\$114,658			\$0.0335561	\$114,658		
16														
17	Environmental Investment Carrying Cost Rider				4.55325%	\$1,188	4.00152%	\$2,214			3.61219%	\$2,214		
18														
19	Market Transition Rider			3,416,908			\$0.00291	\$9,943			\$0.00155	\$5,296		
20														
21	Total		12	3,416,908		\$143,068		\$182,146	\$39,077	27.31%		\$183,462	\$1,316	0.72%
22														
23	Cost In Cents per kWh					4.19		5.33	1.14			5.37	0.04	

COLUMBUS SOUTHERN POWER COMPANY
Case No. 10-XXX-EL-SSO
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Most Current Rates
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1	GS-4 / IRP-D	General Service - Large / Interruptible Power - Discretionary												
2		Subtransmission/Transmission Voltage												
3		Tariffs: 311, 312, 338, 339, 964												
4	Charges													
5	Bills		404											
6	Demand Charges:													
7	Summer													
8	Standard - First 3,000 kVA			348,001	\$10.030	\$3,490,450								
9	Standard - Over 3,000 kVA			1,998,872	\$4.235	\$8,465,223								
10	Interruptible - Subtransmission			4,973	\$2.902	\$14,432								
11	Interruptible - Transmission			8,894	\$2.853	\$25,375								
12	Interruptible Credit			13,867			(\$6.57)	-\$91,106			(\$7.28)	-\$100,952		
13	Off-Peak Excess			3,931	\$1.509	\$5,932								
14	Winter													
15	Standard - First 3,000 kVA			701,782	\$10.030	\$7,038,873								
16	Standard - Over 3,000 kVA			3,699,785	\$4.235	\$15,668,589								
17	Interruptible - Subtransmission			8,968	\$2.902	\$25,149								
18	Interruptible - Transmission			23,502	\$2.853	\$67,051								
19	Interruptible Credit			32,168			(\$6.57)	-\$211,344			(\$7.28)	-\$234,183		
20	Off-Peak Excess			12,911	\$1.509	\$19,483								
21	Energy Charges:													
22	Summer													
23	Standard kWh			1,301,893,375	\$0.0000000	\$0								
24	Replacement Electricity			0										
25	First 100 kWh/kW			235,344,297			\$0.02961	\$6,968,545			\$0.03280	\$7,719,293		
26	Next 100 kWh/kW			234,823,489			\$0.02876	\$6,747,771			\$0.03186	\$7,475,104		
27	Next 100 kWh/kW			229,857,758			\$0.02554	\$5,865,459			\$0.02829	\$6,497,018		
28	Next 100 kWh/kW			209,951,011			\$0.01994	\$4,186,423			\$0.02209	\$4,637,818		
29	Next 100 kWh/kW			190,142,149			\$0.01197	\$2,278,002			\$0.01326	\$2,521,285		
30	Next 100 kWh/kW			138,047,409			\$0.00163	\$221,757			\$0.00181	\$248,246		
31	Over 600 kWh/kW			68,127,282			\$0.00000	\$0			\$0.00000	\$0		
32	Winter													
33	Standard kWh			2,411,720,743	\$0.0000000	\$0								
34	Replacement Electricity			0										
35	First 100 kWh/kW			441,221,597			\$0.02303	\$10,161,333			\$0.02551	\$11,255,563		
36	Next 100 kWh/kW			439,729,597			\$0.02227	\$9,792,777			\$0.02467	\$10,848,128		
37	Next 100 kWh/kW			428,374,946			\$0.01938	\$8,301,906			\$0.02147	\$9,197,210		
38	Next 100 kWh/kW			387,441,212			\$0.01437	\$5,567,530			\$0.01582	\$6,168,064		
39	Next 100 kWh/kW			339,775,372			\$0.00724	\$2,459,974			\$0.00802	\$2,724,998		
40	Next 100 kWh/kW			258,755,453			\$0.00000	\$0			\$0.00000	\$0		
41	Over 600 kWh/kW			118,422,807			\$0.00000	\$0			\$0.00000	\$0		
42														
43	Difference between Metered and Billing Energy			-13,023,073										
44	Total Base Charges					\$34,820,356		\$62,247,028				\$98,955,592		
45														
46	Fuel Adjustment Clause Rider			3,700,591,045	\$0.0307255	\$113,702,510	\$0.0317467	\$117,481,554			\$0.0317467	\$117,481,554		
47														
48	Environmental Investment Carrying Cost Rider				4.55325%	\$1,585,458	4.00152%	\$2,490,827			3.61218%	\$2,490,807		
49														
50	Market Transition Rider			3,700,591,045			(\$0.00567)	-\$20,982,351			(\$0.00297)	-\$10,990,756		
51														
52	Total		404	3,700,591,045		\$150,108,324		\$161,237,057	\$11,128,733	7.41%		\$177,937,197	\$16,700,140	10.36%
53														
54	Cost in Cents per kWh					4.06		4.38	0.30			4.81	0.45	

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1	AL	Area Lighting												
2		Tariffs: 090 to 148												
3														
4		Charges												
5		Luminaires:												
6	100, 115	100 W Standard High Pressure Sodium	128,546	40	\$0.99	\$127,261	\$0.00053	\$2,725			\$0.00059	\$3,034		
7	101, 116	150 W Standard High Pressure Sodium	15,679	59	\$1.32	\$20,696	\$0.00053	\$480			\$0.00059	\$545		
8	102, 117	200 W Standard High Pressure Sodium	26,515	84	\$2.01	\$53,295	\$0.00053	\$1,180			\$0.00059	\$1,314		
9	103	250 W Standard High Pressure Sodium	1,494	103	\$2.21	\$3,302	\$0.00053	\$82			\$0.00059	\$91		
10	104, 119	400 W Standard High Pressure Sodium	34,115	167	\$2.26	\$77,100	\$0.00053	\$3,020			\$0.00059	\$3,361		
11	110	100 W Post Top High Pressure Sodium	27,756	40	\$2.12	\$68,843	\$0.00053	\$588			\$0.00059	\$655		
12	111	150 W Post Top High Pressure Sodium	89,036	59	\$2.58	\$227,932	\$0.00053	\$2,784			\$0.00059	\$3,089		
13	141	100 W Cut Off High Pressure Sodium	1,089	40	\$1.00	\$1,089	\$0.00053	\$23			\$0.00059	\$26		
14	142	250 W Cut Off High Pressure Sodium	1,056	103	\$3.46	\$3,643	\$0.00053	\$58			\$0.00059	\$64		
15	143	400 W Cut Off High Pressure Sodium	1,174	167	\$1.02	\$1,197	\$0.00053	\$104			\$0.00059	\$116		
16	090	100 W Standard Mercury Vapor	2,448	43	\$0.43	\$1,053	\$0.00053	\$96			\$0.00059	\$92		
17	091, 097	175 W Standard Mercury Vapor	28,634	72	\$0.00	\$0	\$0.00053	\$1,093			\$0.00059	\$1,216		
18	092, 098	250 W Standard Mercury Vapor	160	100	\$7.85	\$1,256	\$0.00053	\$8			\$0.00059	\$9		
19	092, 098	400 W Standard Mercury Vapor	5,168	158	\$0.43	\$2,222	\$0.00053	\$433			\$0.00059	\$482		
20	140	100 W Standard Mercury Vapor	34	378	\$15.40	\$524	\$0.00053	\$7			\$0.00059	\$8		
21	094	175 W Post Top Mercury Vapor	2,018	72	\$0.00	\$0	\$0.00053	\$77			\$0.00059	\$86		
22	095	250 W Post Top Mercury Vapor	160	100	\$6.12	\$979	\$0.00053	\$8			\$0.00059	\$9		
23		Floodlights:												
24	106, 125	100 W Standard High Pressure Sodium	13,570	40	\$1.14	\$15,470	\$0.00053	\$288			\$0.00059	\$320		
25	112	200 W Standard High Pressure Sodium	194	84	\$7.34	\$1,424	\$0.00053	\$9			\$0.00059	\$10		
26	107, 126	250 W Standard High Pressure Sodium	17,888	103	\$3.95	\$70,579	\$0.00053	\$975			\$0.00059	\$1,086		
27	108, 127	400 W Standard High Pressure Sodium	51,645	167	\$6.27	\$323,814	\$0.00053	\$4,571			\$0.00059	\$5,089		
28		1,000 W Standard High Pressure Sodium	0	378	\$29.03	\$0	\$0.00053	\$0			\$0.00059	\$0		
29	146	250 W Standard Mercury Vapor	177	100	\$10.32	\$1,827	\$0.00053	\$9			\$0.00059	\$10		
30	147	400 W Standard Mercury Vapor	296	158	\$12.05	\$3,567	\$0.00053	\$25			\$0.00059	\$28		
31	148	1,000 W Standard Mercury Vapor	135	378	\$15.40	\$2,079	\$0.00053	\$27			\$0.00059	\$30		
32	131, 136	250 W Metal Halide	2,516	100	\$3.77	\$9,485	\$0.00053	\$133			\$0.00059	\$148		
33	132, 137	400 W Metal Halide	17,724	158	\$5.71	\$101,204	\$0.00053	\$1,484			\$0.00059	\$1,652		
34	133	1,000 W Metal Halide	414	378	\$0.23	\$95	\$0.00053	\$83			\$0.00059	\$92		
35														
36		Total Base Charges				\$1,109,936		\$20,341				\$22,644		
37														
38		Fuel Adjustment Clause Rider		38,378,842	\$0.0457832	\$1,757,106	\$0.0335561	\$1,287,844			\$0.0335561	\$1,287,844		
39														
40		Environmental Investment Carrying Cost Rider			4.55325%	\$50,536	4.00152%	\$814			3.61219%	\$818		
41														
42		Market Transition Rider		38,378,842			\$0.02913	\$1,117,976			\$0.01675	\$642,846		
43														
44		Total	469,622	38,378,842		\$2,917,580		\$2,426,975	-\$490,605	-16.82%		\$1,954,151	-\$472,823	-19.46%
45														
46		Cost in Cents per kWh				7.80		6.92	(1.28)			5.09	(1.23)	

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1	SL	Street Lighting												
2		Tariffs: 038, 529												
3														
4		<u>Charges</u>												
5														
6	Electric Energy Rate		279											
7	Energy Charge			29,553,649	\$0.0195650	\$578,217	\$0.00059	\$17,437			\$0.00065	\$19,210		
8														
9	Luminaires:		1,437											
10	High Pressure Sodium													
11	100 Watt Standard		181,549	40	7,251,960	\$0.00	\$0	\$0.00059	\$4,285		\$0.00065	\$4,720		
12	150 Watt Standard		12,769	59	753,371	\$0.00	\$0	\$0.00059	\$444		\$0.00065	\$490		
13	200 Watt Standard		18,218	84	1,530,312	\$0.00	\$0	\$0.00059	\$903		\$0.00065	\$996		
14	250 Watt Standard		1,241	103	127,823	\$0.00	\$0	\$0.00059	\$75		\$0.00065	\$83		
15	400 Watt Standard		0	167	0	\$0.00	\$0	\$0.00059	\$0		\$0.00065	\$0		
16	100 Watt Cutoff		114	40	4,560	\$0.00	\$0	\$0.00059	\$3		\$0.00065	\$3		
17	250 Watt Cutoff		76	103	7,828	\$0.00	\$0	\$0.00059	\$5		\$0.00065	\$6		
18	400 Watt Cutoff		5,879	167	991,793	\$0.00	\$0	\$0.00059	\$679		\$0.00065	\$638		
19	Mercury Vapor													
20	100 Watt Standard		13	43	559	\$0.00	\$0	\$0.00059	\$0		\$0.00065	\$0		
21	175 Watt Standard		10,829	72	785,288	\$0.00	\$0	\$0.00059	\$452		\$0.00065	\$497		
22	400 Watt Standard		1,343	158	212,194	\$0.00	\$0	\$0.00059	\$125		\$0.00065	\$138		
23	Special													
24	150 Watt HPS Enclosed		671	59	39,589	\$3.44	\$2,308	\$0.00059	\$23		\$0.00065	\$26		
25	200 Watt HPS Enclosed		443	84	37,212	\$3.89	\$1,635	\$0.00059	\$22		\$0.00065	\$24		
26	100 Watt HPS Flood		25	40	1,000	\$4.54	\$114	\$0.00059	\$1		\$0.00065	\$1		
27	250 Watt HPS Flood		253	103	26,059	\$3.33	\$842	\$0.00059	\$15		\$0.00065	\$17		
28	400 Watt HPS Flood		595	167	99,365	\$1.43	\$851	\$0.00059	\$59		\$0.00065	\$65		
29	1000 Watt HPS Flood		2,888	378	1,091,664	\$23.25	\$67,146	\$0.00059	\$644		\$0.00065	\$710		
30	100 Watt HPS Post Top - A		5,878	40	235,120	\$10.99	\$64,599	\$0.00059	\$139		\$0.00065	\$153		
31	100 Watt HPS Post Top - B		190	40	7,600	\$23.53	\$4,471	\$0.00059	\$4		\$0.00065	\$6		
32	150 Watt HPS Post Top - A		329	59	19,411	\$9.85	\$3,241	\$0.00059	\$11		\$0.00065	\$13		
33	150 Watt HPS Post Top - B		1,254	59	73,966	\$10.47	\$13,129	\$0.00059	\$44		\$0.00065	\$48		
34	100 Watt HPS Special		6,828	40	273,120	\$6.12	\$41,787	\$0.00059	\$161		\$0.00065	\$178		
35														
36														
37	Total Base Charges					\$778,340		\$26,431				\$28,017		
38														
39	Fuel Adjustment Clause Rider			43,103,463	\$0.0400588	\$1,726,673	\$0.0335561	\$1,446,384			\$0.0335561	\$1,446,384		
40														
41	Environmental Investment Carrying Cost Rider				4.55325%	\$35,440	4.00152%	\$1,018			3.51219%	\$1,012		
42														
43	Market Transition Rider			43,103,463			\$0.01857	\$714,224			\$0.00976	\$420,690		
44														
45	Total		1,716	43,103,463		\$2,540,453		\$2,187,057	-\$353,396	-13.81%		\$1,896,103	-\$290,954	-13.30%
46														
47	Cost in Cents per KWH					5.89		5.07	(0.82)			4.40	(0.68)	

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1	SBS	Standby Service												
2		Subtransmission / Transmission Voltage												
3														
4	Charges													
5	Bills		0											
6	Backup Charges:													
7	Summer													
8	Demand			24,000	\$1.569	\$37,856	\$ 1.09	\$26,160			\$1.21	\$29,040		
10	Energy - Backup			874,694	\$0.0000000	\$0	\$0.01222	\$10,689			\$0.01354	\$11,843		
11	Energy - Maintenance			0	\$0.0025836	\$0	\$0.01486	\$0			\$0.01646	\$0		
12	Winter													
13	Demand			48,000	\$1.569	\$75,312	\$1.09	\$52,320			\$1.21	\$58,080		
15	Energy - Backup			1,327,847	\$0.0000000	\$0	\$0.01282	\$16,755			\$0.01398	\$18,561		
16	Energy - Maintenance			2,043,417	\$0.0025836	\$5,279	\$0.01526	\$31,183			\$0.01690	\$34,534		
17														
18	Total Base Charges					\$118,247		\$137,106				\$152,058		
19														
20	Fuel Adjustment Clause Rider			4,245,758	\$0.0307265	\$130,453	\$0.0317487	\$134,789			\$0.0317487	\$134,789		
21														
22	Environmental Investment Carrying Cost Rider				4.55325%	\$5,384	4.00152%	\$5,486			3.81219%	\$5,493		
23														
24	Market Transition Rider			4,245,758			(\$0.00183)	-\$8,921			(\$0.00131)	-\$5,562		
25														
26	Total		0	4,245,758		\$254,085		\$270,461	\$16,376	6.45%		\$286,777	\$18,316	6.03%
27														
28	Cost in Cents per kWh					5.98		6.37	0.39			8.75	0.38	

OHIO POWER COMPANY
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1	RS	Residential Service												
2		Tariffs: 011 to 015, 017, 022 and 038												
3														
4	<u>Charges</u>													
5	Bills		7,219,956											
6	Energy Charges													
7	<u>Summer</u>													
8	First 800 kWh			1,486,111,954	\$0.0261075	\$38,798,668	\$0.03582	\$53,232,530			\$0.03968	\$58,968,922		
9	All Excess kWh			912,845,468	\$0.0216278	\$19,742,839	\$0.03582	\$32,698,125			\$0.03968	\$36,221,708		
10	Storage/Load Mgmt Water Heating Energy Charge			43,535,103	\$0.0113834	\$495,577	\$0.01972	\$858,512			\$0.02185	\$951,242		
11	<u>Winter</u>													
12	First 800 kWh			2,907,904,186	\$0.0261075	\$75,918,109	\$0.02838	\$82,526,321			\$0.03144	\$91,424,508		
13	All Excess kWh			1,886,734,723	\$0.0216278	\$40,805,921	\$0.02838	\$53,545,531			\$0.03144	\$59,318,940		
14	Storage/Load Mgmt Water Heating Energy Charge			89,348,980	\$0.0113834	\$1,017,095	\$0.02018	\$1,803,956			\$0.02237	\$1,998,736		
15	Total Base Charges					\$176,778,209		\$224,664,975				\$248,684,056		
16														
17	Fuel Adjustment Clause Rider			7,326,480,394	\$0.0318012	\$232,990,868	\$0.0335561	\$245,848,109			\$0.0335561	\$245,848,109		
18														
19	Environmental Investment Carrying Cost Rider				4.46836%	\$7,899,087	4.00152%	\$8,990,014			3.61219%	\$8,990,165		
20														
21	Market Transition Rider			7,326,480,394			(\$0.00058)	-\$4,249,359			(\$0.00037)	-\$2,710,798		
22														
23	Total			<u>7,219,956</u>		<u>\$417,668,164</u>		<u>\$475,253,739</u>	<u>\$57,585,574</u>	13.79%		<u>\$501,011,532</u>	<u>\$25,757,793</u>	5.42%
24														
25	Cost in Cents per kWh					5.70		6.49	0.79			6.84	0.35	

OHIO POWER COMPANY
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1	RS-TOD	Residential - Time of Day Service												
2		Tariffs: 030, 032, 034												
3														
4	Charges													
5	Bills		4,906											
6	Energy Charges:													
7	Summer													
8	On-Peak kWh			793,815	\$0.0413216	\$32,802	\$0.04953	\$39,318			\$0.05487	\$43,557		
9	Off-Peak kWh			1,206,735	\$0.0113834	\$13,737	\$0.01972	\$23,797			\$0.02185	\$26,367		
10	Winter													
11	On-Peak kWh			1,783,722	\$0.0413216	\$72,880	\$0.03607	\$63,617			\$0.03998	\$70,478		
12	Off-Peak kWh			5,132,291	\$0.0113834	\$58,423	\$0.02019	\$103,621			\$0.02237	\$114,809		
13	Total Base Charges					\$177,941		\$280,353				\$255,211		
14														
15	Fuel Adjustment Clause Rider			8,896,563	\$0.0318012	\$282,921	\$0.0335561	\$298,534			\$0.0335561	\$298,534		
16														
17	Environmental Investment Carrying Cost Rider				4.46835%	\$7,947	4.00152%	\$9,218			3.61219%	\$9,219		
18														
19	Market Transition Rider			8,896,563			(\$0.00058)	-\$5,160			(\$0.00037)	-\$3,292		
20														
21	Total		4,906	8,896,563		\$468,709		\$532,944	\$64,235	13.70%		\$569,672	\$26,728	5.02%
22														
23	Cost in Cents per kWh					5.27		5.99	0.72			6.29	0.30	

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1	GS-1	General Service - Non-Demand Metered												
2		Tariff: 211												
3														
4	Charges													
5	Bills		738,961											
6	Energy Charges:													
7	Summer													
8	All kWh			113,847,880	\$0.0341766	\$3,890,925	\$0.02714	\$3,089,834			\$0.03006	\$3,422,270		
9	Winter													
10	All kWh			289,229,231	\$0.0341766	\$9,876,018	\$0.02057	\$5,920,945			\$0.02279	\$6,452,034		
11	Total Base Charges					\$12,066,943		\$9,010,779				\$9,874,304		
12														
13	Fuel Adjustment Clause Rider			353,077,211	\$0.0329131	\$11,820,868	\$0.0335561	\$11,847,894			\$0.0335561	\$11,847,894		
14														
15	Environmental Investment Carrying Cost Rider				4.46838%	\$539,194	4.00162%	\$320,553			3.61219%	\$320,557		
16														
17	Market Transition Rider			353,077,211			\$0.01380	\$4,872,466			\$0.00725	\$2,563,341		
18														
19	Total		738,961	353,077,211		\$24,227,003		\$25,061,692	\$834,689	3.40%		\$23,606,096	-\$1,445,586	-5.77%
20														
21	Cost in Cents per kWh					6.86		7.10	0.23			6.69	(0.41)	

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1	GS-1	GS-1 On-Peak												
2		Tariff: 225												
3														
4	Charges													
5	Bills		251											
6	Energy Charges:													
7	Summer													
8	On-Peak kWh			129,319	\$0.0558107	\$7,217	\$0.03923	\$5,073			\$0.04348	\$5,520		
9	Off-Peak kWh			278,825	\$0.0121834	\$3,395	\$0.01292	\$3,600			\$0.01431	\$3,987		
10	Winter													
11	On-Peak kWh			98,059	\$0.0558107	\$5,473	\$0.02735	\$2,682			\$0.03030	\$2,971		
12	Off-Peak kWh			310,838	\$0.0121834	\$3,787	\$0.01334	\$4,147			\$0.01478	\$4,594		
13	Total Base Charges					\$19,872		\$15,502				\$17,173		
14														
15	Fuel Adjustment Clause Rider			816,841	\$0.0329131	\$26,885	\$0.0335561	\$27,410			\$0.0335561	\$27,410		
16														
17	Environmental Investment Carrying Cost Rider				4.46836%	\$888	4.00152%	\$820			3.61219%	\$820		
18														
19	Market Transition Rider			816,841			\$0.01380	\$11,272			\$0.00726	\$5,930		
20														
21	Total		251	816,841		\$47,645		\$54,804	\$7,160	15.03%		\$51,133	-\$3,671	-6.70%
22														
23	Cost in Cents per kWh					5.83		6.71	0.88			8.26	(0.45)	

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1	GS-1	General Service - Non-Demand Unmetered												
2		Tariff: 213												
3														
4	Charges													
5	Bills		7,888											
6	Energy Charges:													
7	Summer													
8	All kWh			608,927	\$0.0341765	\$20,811	\$0.02714	\$16,526			\$0.03006	\$18,304		
9	Winter													
10	All kWh			1,709,417	\$0.0341765	\$58,422	\$0.02057	\$35,163			\$0.02279	\$38,958		
11	Total Base Charges					\$79,233		\$51,689				\$57,262		
12														
13	Fuel Adjustment Clause Rider			2,318,344	\$0.0329131	\$76,304	\$0.0335561	\$77,795			\$0.0335561	\$77,795		
14														
15	Environmental Investment Carrying Cost Rider				4.46836%	\$3,540	4.00152%	\$2,068			3.61219%	\$2,068		
16														
17	Market Transition Rider			2,318,344			\$0.01380	\$31,993			\$0.00726	\$16,831		
18														
19	Total		7,888	2,318,344		\$159,077		\$163,546	\$4,468	2.81%		\$163,956	-\$9,589	-5.86%
20														
21	Cost in Cents per kWh					6.86		7.05	0.19			6.64	(0.41)	

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1	GS-2	General Service - Low Load Factor - Secondary Voltage												
2		Tariffs: 215, 218, 231												
3														
4	Charges													
5	Bills		322,649											
6	Demand Charges:													
7	Summer													
8	Standard			3,466,530	\$0.00	\$0								
9	Minimum			33,894	\$0.00	\$0								
10	Maximum			21,864	\$0.00	\$0								
11	Off-Peak Excess			136	\$2.93	\$398								
12	Winter													
13	Standard			6,687,356	\$0.00	\$0								
14	Minimum			67,808	\$0.00	\$0								
15	Maximum			35,595	\$0.00	\$0								
16	Off-Peak Excess			276	\$2.93	\$809								
17	Energy Charges:													
18	Summer													
19	Standard kWh			893,844,975	\$0.0307759	\$27,508,884								
20	Minimum kWh			260,673	\$0.0000000	\$0								
21	Maximum kWh			718,482	\$0.0735437	\$52,840								
22	First 100 kWh/kW			338,803,700			\$0.03130	\$10,604,556			\$0.03467	\$11,746,324		
23	Next 100 kWh/kW			283,094,056			\$0.03040	\$8,606,059			\$0.03368	\$9,534,606		
24	Next 100 kWh/kW			182,853,080			\$0.02700	\$4,931,633			\$0.02991	\$5,463,154		
25	Next 100 kWh/kW			72,890,989			\$0.02108	\$1,532,326			\$0.02335	\$1,597,334		
26	Next 100 kWh/kW			12,149,834			\$0.01265	\$153,666			\$0.01401	\$170,219		
27	Next 100 kWh/kW			1,190,559			\$0.00172	\$2,048			\$0.00191	\$2,274		
28	Over 600 kWh/kW			4,241,932			\$0.00000	\$0			\$0.00000	\$0		
29	Winter													
30	Standard kWh			1,673,422,203	\$0.0307759	\$51,501,074								
31	Minimum kWh			297,261	\$0.0000000	\$0								
32	Maximum kWh			1,119,648	\$0.0735437	\$82,343								
33	First 100 kWh/kW			663,135,162			\$0.02434	\$16,897,310			\$0.02696	\$17,608,524		
34	Next 100 kWh/kW			639,603,630			\$0.02354	\$12,702,267			\$0.02608	\$14,072,860		
35	Next 100 kWh/kW			333,842,898			\$0.02048	\$6,837,103			\$0.02269	\$7,574,896		
36	Next 100 kWh/kW			118,310,241			\$0.01519	\$1,797,133			\$0.01683	\$1,991,161		
37	Next 100 kWh/kW			19,835,636			\$0.00765	\$151,743			\$0.00847	\$168,008		
38	Next 100 kWh/kW			1,900,219			\$0.00000	\$0			\$0.00000	\$0		
39	Over 600 kWh/kW			8,211,425			\$0.00000	\$0			\$0.00000	\$0		
40														
41	Difference between Metered and Billing Energy			403,389										
42	Total Base Charges					\$79,145,141		\$63,216,872				\$70,029,362		
43														
44	Fuel Adjustment Clause Rider			2,570,088,631	\$0.0300046	\$77,113,821	\$0.0335561	\$86,241,413			\$0.0335561	\$86,241,413		
45														
46	Environmental Investment Carrying Cost Rider				4.45836%	\$3,536,490	4.00162%	\$2,529,596			3.61219%	\$2,529,594		
47														
48	Market Transition Rider			2,570,088,631			\$0.00671	\$17,246,147			\$0.00339	\$8,712,526		
49														
50	Total		322,649	2,570,088,631		\$159,795,452		\$169,232,027	\$9,436,576	5.91%		\$167,512,894	-\$1,719,134	-1.02%
51														
52	Cost in Cents per kWh					6.22		6.58	0.37			6.52	(0.07)	

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1	GS-2	General Service - Low Load Factor - Primary Voltage												
2		Tariffs: 217, 219, 232												
3														
4	Charges													
5	Bills		3,978											
6	Demand Charges:													
7	Summer													
8	Standard			565,463	\$0.00	\$0								
9	Minimum			8,854	\$0.00	\$0								
10	Maximum			8,400	\$0.00	\$0								
11	Off-Peak Excess			1,930	\$2.12	\$4,092								
12	Winter													
13	Standard			1,166,787	\$0.00	\$0								
14	Minimum			24,878	\$0.00	\$0								
15	Maximum			18,081	\$0.00	\$0								
16	Off-Peak Excess			4,530	\$2.12	\$9,604								
17	Energy Charges:													
18	Summer													
19	Standard kWh			135,591,424	\$0.0303627	\$4,116,922								
20	Minimum kWh			49,502	\$0.0000000	\$0								
21	Maximum kWh			227,833	\$0.0965934	\$22,007								
22	First 100 kWh/kW			54,710,824			\$0.03021	\$1,652,814			\$0.03347	\$1,831,171		
23	Next 100 kWh/kW			42,590,365			\$0.02935	\$1,250,027			\$0.03251	\$1,384,613		
24	Next 100 kWh/kW			25,975,440			\$0.02608	\$676,920			\$0.02887	\$749,911		
25	Next 100 kWh/kW			10,690,160			\$0.02035	\$217,545			\$0.02254	\$240,958		
26	Next 100 kWh/kW			1,497,197			\$0.01221	\$18,281			\$0.01353	\$20,257		
27	Next 100 kWh/kW			341,560			\$0.00166	\$567			\$0.00184	\$628		
28	Over 600 kWh/kW			63,213			\$0.00000	\$0			\$0.00000	\$0		
29	Winter													
30	Standard kWh			273,494,761	\$0.0303627	\$8,304,039								
31	Minimum kWh			181,409	\$0.0000000	\$0								
32	Maximum kWh			655,701	\$0.0965934	\$63,336								
33	First 100 kWh/kW			109,629,066			\$0.02350	\$2,576,283			\$0.02603	\$2,853,646		
34	Next 100 kWh/kW			83,363,541			\$0.02272	\$1,894,020			\$0.02517	\$2,098,260		
35	Next 100 kWh/kW			55,048,424			\$0.01977	\$1,088,307			\$0.02190	\$1,205,660		
36	Next 100 kWh/kW			20,356,087			\$0.01466	\$298,420			\$0.01624	\$330,583		
37	Next 100 kWh/kW			4,502,656			\$0.00738	\$33,230			\$0.00818	\$36,832		
38	Next 100 kWh/kW			1,214,263			\$0.00000	\$0			\$0.00000	\$0		
39	Over 600 kWh/kW			217,834			\$0.00000	\$0			\$0.00000	\$0		
40														
41	Difference between Metered and Billing Energy			8,660										
42	Total Base Charges					\$12,520,000		\$9,706,414				\$10,752,417		
43														
44	Fuel Adjustment Clause Rider			410,209,280	\$0.0289298	\$11,867,180	\$0.0323921	\$13,287,540			\$0.0323921	\$13,287,540		
45														
46	Environmental Investment Carrying Cost Rider				4.46836%	\$559,439	4.00152%	\$388,404			3.61219%	\$388,398		
47														
48	Market Transition Rider			410,209,280			\$0.00671	\$2,752,504			\$0.00339	\$1,390,609		
49														
50	Total		3,978	410,209,280		\$24,946,626		\$26,134,862	\$1,188,233	4.76%		\$25,818,964	-\$315,898	-1.21%
51														
52	Cost in Cents per kWh					6.08		6.37	0.29			6.29	(0.08)	

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1	GS-2	General Service - Low Load Factor - Subtransmission Voltage												
2		Tariffs: 236, 237												
3														
4	Charges													
5	Bills		392											
6	Demand Charges:													
7	Summer													
8	Standard			254,458	\$0.00	\$0								
9	Minimum			1,233	\$0.00	\$0								
10	Maximum			0	\$0.00	\$0								
11	Off-Peak Excess			31,638	\$1.65	\$52,203								
12	Winter													
13	Standard			552,028	\$0.00	\$0								
14	Minimum			2,014	\$0.00	\$0								
15	Maximum			0	\$0.00	\$0								
16	Off-Peak Excess			66,207	\$1.65	\$107,592								
17	Energy Charges:													
18	Summer													
19	Standard kWh			71,091,258	\$0.030094C	\$2,139,420								
20	Minimum kWh			7,727	\$0.000000C	\$0								
21	Maximum kWh			0	\$0.108683B	\$0								
22	First 100 kWh/kW			25,189,085			\$0.02961	\$745,849			\$0.03280	\$826,202		
23	Next 100 kWh/kW			20,339,012			\$0.02876	\$584,950			\$0.03166	\$649,001		
24	Next 100 kWh/kW			14,258,163			\$0.02554	\$364,153			\$0.02829	\$403,363		
25	Next 100 kWh/kW			7,165,364			\$0.01994	\$142,877			\$0.02209	\$158,283		
26	Next 100 kWh/kW			2,137,276			\$0.01197	\$25,583			\$0.01326	\$28,340		
27	Next 100 kWh/kW			930,649			\$0.00163	\$1,517			\$0.00181	\$1,684		
28	Over 500 kWh/kW			1,079,448			\$0.00000	\$0			\$0.00000	\$0		
29	Winter													
30	Standard kWh			146,782,452	\$0.030094C	\$4,416,869								
31	Minimum kWh			16,868	\$0.000000C	\$0								
32	Maximum kWh			0	\$0.108683B	\$0								
33	First 100 kWh/kW			54,450,643			\$0.02303	\$1,253,998			\$0.02551	\$1,389,036		
34	Next 100 kWh/kW			43,578,303			\$0.02227	\$970,489			\$0.02467	\$1,075,077		
35	Next 100 kWh/kW			29,811,269			\$0.01938	\$573,866			\$0.02147	\$635,754		
36	Next 100 kWh/kW			11,919,813			\$0.01437	\$171,288			\$0.01592	\$189,783		
37	Next 100 kWh/kW			3,254,552			\$0.00724	\$23,593			\$0.00802	\$26,102		
38	Next 100 kWh/kW			2,203,854			\$0.00000	\$0			\$0.00000	\$0		
39	Over 500 kWh/kW			1,780,876			\$0.00000	\$0			\$0.00000	\$0		
40														
41	Difference between Metered and Billing Energy			-787,907										
42	Total Base Charges					\$5,715,864		\$4,858,134				\$5,381,605		
43														
44	Fuel Adjustment Clause Rider			217,090,388	\$0.028234E	\$6,129,439	\$0.0317467	\$6,991,903			\$0.0317467	\$6,991,903		
45														
46	Environmental Investment Carrying Cost Rider				4.46836%	\$300,090	4.00152%	\$194,399			3.61216%	\$194,394		
47														
48	Market Transition Rider			217,090,388			\$0.00671	\$1,456,677			\$0.00339	\$735,936		
49														
50	Total		392	217,090,388		\$13,145,412		\$13,401,113	\$255,701	1.95%		\$13,203,839	-\$197,274	-1.47%
51														
52	Cost in Cents per kWh					6.08		6.17	0.12			6.08	(0.09)	

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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Current Rate (E)	Current Revenue (F)	Proposed 2012 Rate (G)	Proposed Revenue (H)	2012 Increase (I=H-F)	% Increase (J)	Proposed 2013 Rate (K)	Proposed Revenue (L)	2013 Increase (M=L-H)	% Increase (N)
1	GS-2	General Service - Low Load Factor - Transmission Voltage												
2		Tariffs: 238, 239												
3														
4	<u>Charges</u>													
5	<u>Bills</u>		58											
6	<u>Demand Charges:</u>													
7	<u>Summer</u>													
8	Standard			69,218	\$0.00	\$0								
9	Minimum			0	\$0.00	\$0								
10	Maximum			0	\$0.00	\$0								
11	Off-Peak Excess			9,290	\$0.85	\$7,938								
12	<u>Winter</u>													
13	Standard			208,462	\$0.00	\$0								
14	Minimum			0	\$0.00	\$0								
15	Maximum			0	\$0.00	\$0								
16	Off-Peak Excess			11,011	\$0.86	\$9,469								
17	<u>Energy Charges:</u>													
18	<u>Summer</u>													
19	Standard kWh			20,161,825	\$0.0298764	\$598,330								
20	Minimum kWh			0	\$0.0000000	\$0								
21	Maximum kWh			0	\$0.1232565	\$0								
22	First 100 kWh/kW			6,788,892			\$0.02961	\$201,019			\$0.03280	\$222,676		
23	Next 100 kWh/kW			5,890,127			\$0.02876	\$169,400			\$0.03186	\$187,659		
24	Next 100 kWh/kW			4,357,933			\$0.02554	\$111,302			\$0.02829	\$123,285		
25	Next 100 kWh/kW			1,884,007			\$0.01994	\$37,567			\$0.02209	\$41,618		
26	Next 100 kWh/kW			883,843			\$0.01197	\$10,580			\$0.01326	\$11,720		
27	Next 100 kWh/kW			248,456			\$0.00163	\$405			\$0.00181	\$450		
28	Over 600 kWh/kW			108,587			\$0.00000	\$0			\$0.00000	\$0		
29	<u>Winter</u>													
30	Standard kWh			56,536,451	\$0.0296764	\$1,677,798								
31	Minimum kWh			0	\$0.0000000	\$0								
32	Maximum kWh			0	\$0.1232565	\$0								
33	First 100 kWh/kW			18,850,921			\$0.02303	\$434,137			\$0.02551	\$480,687		
34	Next 100 kWh/kW			16,993,806			\$0.02227	\$378,452			\$0.02467	\$419,237		
35	Next 100 kWh/kW			12,161,058			\$0.01938	\$235,691			\$0.02147	\$261,098		
36	Next 100 kWh/kW			6,439,000			\$0.01437	\$78,158			\$0.01692	\$86,589		
37	Next 100 kWh/kW			1,747,291			\$0.00724	\$12,650			\$0.00802	\$14,013		
38	Next 100 kWh/kW			1,114,772			\$0.00000	\$0			\$0.00000	\$0		
39	Over 600 kWh/kW			229,604			\$0.00000	\$0			\$0.00000	\$0		
40														
41	Difference between Metered and Billing Energy			-257,494										
42	Total Base Charges					<u>\$2,293,536</u>		<u>\$1,669,351</u>				<u>\$1,849,232</u>		
43														
44	Fuel Adjustment Clause Rider			76,440,782	\$0.0282345	\$2,158,267	\$0.0317467	\$2,426,743			\$0.0317467	\$2,426,743		
45														
46	Environmental Investment Carrying Cost Rider				4.46836%	\$102,483	4.00152%	\$66,799			3.61219%	\$66,798		
47														
48	Market Transition Rider			76,440,782			\$0.00671	\$512,918			\$0.00339	\$259,134		
49														
50	Total		<u>58</u>	<u>76,440,782</u>		<u>\$4,554,287</u>		<u>\$4,675,811</u>	<u>\$121,524</u>	2.67%		<u>\$4,801,907</u>	<u>-\$73,904</u>	-1.58%
51														
52	Cost in Cents per kWh					5.96		6.12	0.16			6.02	(0.10)	

OHIO POWER COMPANY
Case No. 10-XXX-EL-\$50
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas UTILITIES)

Data: 0 MOS Actual & 12 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s):

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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Current Rate (E)	Current Revenue (F)	Proposed 2012 Rate (G)	Proposed Revenue (H)	2012 Increase (I=H-F)	% Increase (J)	Proposed 2013 Rate (K)	Proposed Revenue (L)	2013 Increase (M=L-I)	% Increase (N)
1	GS-2	GS-2 Energy Storage Provision												
2		Tariff: 223												
3														
4	Charges													
5	Bills		206											
6	Energy Charges:													
7	Summer													
8	On-Peak kWh			229,492	\$0.0352183	\$8,082	\$0.03923	\$9,003			\$0.04346	\$9,974		
9	Off-Peak kWh			909,494	\$0.0121314	\$11,033	\$0.01292	\$11,751			\$0.01431	\$13,015		
10	Winter													
11	On-Peak kWh			238,653	\$0.0352183	\$8,405	\$0.02735	\$6,527			\$0.03030	\$7,231		
12	Off-Peak kWh			768,433	\$0.0121314	\$9,322	\$0.01334	\$10,251			\$0.01478	\$11,357		
13	Total Base Charges					\$36,843		\$37,532				\$41,577		
14														
15	Fuel Adjustment Clause Rider			2,146,072	\$0.0300046	\$64,392	\$0.0335561	\$72,014			\$0.0335561	\$72,014		
16														
17	Environmental Investment Carrying Cost Rider				4.46636%	\$1,646	4.00152%	\$1,502			3.61219%	\$1,502		
18														
19	Market Transition Rider			2,146,072			\$0.00671	\$14,400			\$0.00339	\$7,275		
20														
21	Total		206	2,146,072		\$102,881		\$125,447	\$22,566	21.93%		\$122,368	-\$3,078	-2.45%
22														
23	Cost in Cents per kWh					4.79		5.95	1.05			5.70	(0.14)	

OHIO POWER COMPANY
Case No. 10-XXX-EL-S90
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 0 MOS Actual & 12 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s):

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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Current Rate (E)	Current Revenue (F)	Proposed 2012 Rate (G)	Proposed Revenue (H)	2012 Increase (I=H-F)	% Increase (J)	Proposed 2013 Rate (K)	Proposed Revenue (L)	2013 Increase (M=L-H)	% Increase (N)
1	GS-2	GS-2 Recreational Lighting												
2		Tariff: 214												
3														
4	Charges													
5	Bills		4,225											
6	Energy Charges													
7	Summer													
8	All kWh			2,983,946	\$0.0294402	\$87,848	\$0.02714	\$80,984			\$0.03006	\$89,697		
9	Winter													
10	All kWh			4,392,852	\$0.0294402	\$129,326	\$0.02057	\$90,361			\$0.02279	\$100,113		
11	Total Base Charges					\$217,174		\$171,345				\$189,811		
12														
13	Fuel Adjustment Clause Rider			7,376,798	\$0.0300046	\$221,338	\$0.0335561	\$247,537			\$0.0335561	\$247,537		
14														
15	Environmental Investment Carrying Cost Rider				4.46836%	\$9,704	4.00152%	\$8,656			3.61219%	\$6,856		
16														
17	Market Transition Rider			7,376,798			\$0.00671	\$48,498			\$0.00339	\$25,007		
18														
19	Total		4,225	7,376,798		\$448,216		\$475,237	\$27,020	6.03%		\$489,211	\$40,974	-1.27%
20														
21	Cost in Cents per kWh					6.08		6.44	0.37			6.36	(0.08)	

OHIO POWER COMPANY
Case No. 10-XXX-EL-SSO
Annualized Test Year Revenue at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 0 MOS Actual & 12 MOS Estimated
Type of Filing: ► Original ☐ Updated ☐ Revised ☐
Work Paper Reference No(s):

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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Current Rate (E)	Current Revenue (F)	Proposed 2012 Rate (G)	Proposed Revenue (H)	2012 Increase (I=H-F)	% Increase (J)	Proposed 2013 Rate (K)	Proposed Revenue (L)	2013 Increase (M=L-I)	% Increase (N)
1	GS	General Service - Time-of-Day												
2		Tariff: 229												
3														
4	Charges													
5	Bills		8,461											
6	Energy Charges:													
7	Summer													
8	On-Peak kWh			14,598,872	\$0.0352183	\$514,147	\$0.03923	\$572,714			\$0.04346	\$634,467		
9	Off-Peak kWh			18,985,853	\$0.0121314	\$230,323	\$0.01292	\$245,295			\$0.01431	\$271,685		
10	Winter													
11	On-Peak kWh			27,939,102	\$0.0352183	\$983,968	\$0.02735	\$764,134			\$0.03030	\$848,555		
12	Off-Peak kWh			39,114,604	\$0.0121314	\$474,515	\$0.01334	\$521,789			\$0.01478	\$578,114		
13	Total Base Charges					\$2,202,953		\$2,103,932				\$2,330,820		
14														
15	Fuel Adjustment Clause Rider			100,638,231	\$0.0300046	\$3,019,810	\$0.0335561	\$3,377,027			\$0.0335561	\$3,377,027		
16														
17	Environmental Investment Carrying Cost Rider				4.46836%	\$88,438	4.00152%	\$84,189			3.61219%	\$84,194		
18														
19	Market Transition Rider			100,638,231			\$0.00671	\$675,283			\$0.00338	\$341,164		
20														
21	Total		8,461	100,638,231		\$5,320,998		\$6,240,430	\$919,432	17.28%		\$6,133,204	-\$107,226	-1.72%
22														
23	Cost in Cents per kWh					5.29		6.20	0.91			8.09	(0.11)	

OHIO POWER COMPANY
Case No. 10-XXX-EL-S50
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 0 MOS Actual & 12 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s):

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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Current Rate (E)	Current Revenue (F)	Proposed 2012 Rate (G)	Proposed Revenue (H)	2012 Increase (I=H-F)	% Increase (J)	Proposed 2013 Rate (K)	Proposed Revenue (L)	2013 Increase (M=L-H)	% Increase (N)
1	GS-3	General Service - Medium/High Load Factor - Secondary Voltage												
2		Tariffs: 240, 242, 250												
3														
4	Charges													
5	Bills		58,695											
6	Demand Charges													
7	Summer													
8	Standard			1,938,489	\$9.28	\$17,989,178								
9	Minimum			5,951	\$9.28	\$55,225								
10	Maximum			120	\$0.00	\$0								
11	Off-Peak Excess			1,946	\$2.93	\$5,702								
12	Winter													
13	Standard			3,682,646	\$9.28	\$34,174,955								
14	Minimum			7,810	\$9.28	\$72,477								
15	Maximum			278	\$0.00	\$0								
16	Off-Peak Excess			4,528	\$2.93	\$13,287								
17	Energy Charges													
18	Summer													
19	Standard kWh			916,819,501	\$0.0013144	\$1,205,068								
20	Minimum kWh			281,942	\$0.0000000	\$0								
21	Maximum kWh			12,583	\$0.0948651	\$1,194								
22	First 100 kWh/kW			194,100,217			\$0.03130	\$6,076,337			\$0.03467	\$6,729,455		
23	Next 100 kWh/kW			193,513,115			\$0.03040	\$5,882,799			\$0.03368	\$6,517,522		
24	Next 100 kWh/kW			191,582,901			\$0.02700	\$5,172,198			\$0.02991	\$5,729,646		
25	Next 100 kWh/kW			178,453,727			\$0.02108	\$3,761,805			\$0.02335	\$4,166,895		
26	Next 100 kWh/kW			117,629,340			\$0.01265	\$1,488,011			\$0.01401	\$1,647,987		
27	Next 100 kWh/kW			37,055,282			\$0.00172	\$63,735			\$0.00191	\$70,776		
28	Over 600 kWh/kW			4,799,434			\$0.00000	\$0			\$0.00000	\$0		
29	Winter													
30	Standard kWh			1,720,124,268	\$0.0013144	\$2,260,931								
31	Minimum kWh			343,118	\$0.0000000	\$0								
32	Maximum kWh			27,435	\$0.0948651	\$2,603								
33	First 100 kWh/kW			368,484,948			\$0.02434	\$8,968,924			\$0.02696	\$9,934,354		
34	Next 100 kWh/kW			367,174,510			\$0.02354	\$8,543,288			\$0.02608	\$9,575,911		
35	Next 100 kWh/kW			361,692,181			\$0.02048	\$7,407,466			\$0.02268	\$8,206,796		
36	Next 100 kWh/kW			325,472,998			\$0.01519	\$4,943,935			\$0.01683	\$5,477,711		
37	Next 100 kWh/kW			204,492,154			\$0.00765	\$1,564,365			\$0.00847	\$1,732,049		
38	Next 100 kWh/kW			76,523,187			\$0.00000	\$0			\$0.00000	\$0		
39	Over 600 kWh/kW			16,654,833			\$0.00000	\$0			\$0.00000	\$0		
40														
41	Difference between Metered and Billing Energy			298,550										
42	Total Base Charges					\$66,780,699		\$53,971,852				\$59,789,100		
43														
44	Fuel Adjustment Clause Rider			2,637,907,397	\$0.0282459	\$74,510,069	\$0.0335561	\$88,517,884			\$0.0335561	\$88,517,884		
45														
46	Environmental Investment Carrying Cost Rider				4.46836%	\$2,492,478	4.00152%	\$2,159,894			3.61219%	\$2,159,896		
47														
48	Market Transition Rider			2,637,907,397			(\$0.00006)	-\$158,274			\$0.00003	\$79,137		
49														
50	Total		58,695	2,637,907,397		\$132,783,146		\$144,491,157	\$11,708,011	8.82%		\$160,545,818	\$6,054,661	4.19%
51														
52	Cost in Cents per kWh					5.03		5.48	0.44			5.71	0.23	

OHIO POWER COMPANY
Case No. 10-XXX-EL-SSO
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
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1	GS-3	General Service - Medium/High Load Factor - Primary Voltage												
2		Tariffs: 244, 246, 254												
3														
4	Charges													
5	Bills		3,886											
6	Demand Charges:													
7	Summer													
8	Standard			1,091,321	\$8.97	\$15,171,149								
9	Minimum			9,521	\$8.97	\$85,403								
10	Maximum			0	\$0.00	\$0								
11	Off-Peak Excess			7,886	\$2.12	\$16,718								
12	Winter													
13	Standard			3,504,546	\$8.97	\$31,436,778								
14	Minimum			23,686	\$8.97	\$212,463								
15	Maximum			333	\$0.00	\$0								
16	Off-Peak Excess			4,065	\$2.12	\$8,618								
17	Energy Charges:													
18	Summer													
19	Standard kWh			853,671,644	\$0.0019129	\$1,632,988								
20	Minimum kWh			412,930	\$0.0000000	\$0								
21	Maximum kWh			0	\$0.1081545	\$0								
22	First 100 kWh/kW			169,400,729			\$0.03021	\$5,117,596			\$0.03347	\$5,669,842		
23	Next 100 kWh/kW			168,679,240			\$0.02935	\$4,950,736			\$0.03251	\$5,483,762		
24	Next 100 kWh/kW			167,553,390			\$0.02608	\$4,366,441			\$0.02687	\$4,637,266		
25	Next 100 kWh/kW			160,228,086			\$0.02035	\$3,260,642			\$0.02254	\$3,611,541		
26	Next 100 kWh/kW			120,552,585			\$0.01221	\$1,471,947			\$0.01353	\$1,631,076		
27	Next 100 kWh/kW			56,382,683			\$0.00166	\$93,696			\$0.00184	\$103,744		
28	Over 600 kWh/kW			11,287,861			\$0.00000	\$0			\$0.00000	\$0		
29	Winter													
30	Standard kWh			1,757,859,048	\$0.0019129	\$3,362,226								
31	Minimum kWh			1,346,044	\$0.0000000	\$0								
32	Maximum kWh			35,851	\$0.1081545	\$3,877								
33	First 100 kWh/kW			351,871,964			\$0.02350	\$8,268,991			\$0.02603	\$9,159,227		
34	Next 100 kWh/kW			348,580,336			\$0.02272	\$7,942,465			\$0.02517	\$8,798,937		
35	Next 100 kWh/kW			346,491,353			\$0.01977	\$6,850,134			\$0.02190	\$7,568,161		
36	Next 100 kWh/kW			325,769,627			\$0.01466	\$4,775,783			\$0.01624	\$5,290,499		
37	Next 100 kWh/kW			240,657,910			\$0.00738	\$1,776,055			\$0.00818	\$1,988,582		
38	Next 100 kWh/kW			117,138,653			\$0.00000	\$0			\$0.00000	\$0		
39	Over 600 kWh/kW			27,531,101			\$0.00000	\$0			\$0.00000	\$0		
40														
41	Difference between Metered and Billing Energy			-557,435										
42	Total Base Charges					\$51,929,222		\$48,874,386				\$54,142,638		
43														
44	Fuel Adjustment Clause Rider			2,612,568,082	\$0.0272335	\$71,150,418	\$0.0323921	\$84,626,587			\$0.0323921	\$84,626,587		
45														
46	Environmental Investment Carrying Cost Rider				4.46836%	\$2,320,385	4.00162%	\$1,955,718			3.61219%	\$1,955,735		
47														
48	Market Transition Rider			2,612,568,082			(\$0.00006)	-\$156,754			\$0.00003	\$78,377		
49														
50	Total		3,886	2,612,568,082		\$125,400,024		\$135,299,916	\$9,899,892	7.89%		\$140,803,316	\$5,503,400	4.07%
51														
52	Cost in Cents per kWh					4.80		5.18	0.38			5.39	0.21	

OHIO POWER COMPANY
Case No. 10-XXX-EL-SSO
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
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1	GS-3	General Service - Medium/High Load Factor - Subtransmission Voltage												
2		Tariffs: 248, 256												
3														
4	Charges													
5	Bills		902											
6	Demand Charges:													
7	Summer													
8	Standard			562,657	\$8.72	\$4,906,369								
9	Minimum			7,568	\$8.72	\$65,983								
10	Maximum			0	\$0.00	\$0								
11	Off-Peak Excess			57,682	\$1.65	\$95,175								
12	Winter													
13	Standard			1,252,647	\$8.72	\$10,923,082								
14	Minimum			3,586	\$8.72	\$31,270								
15	Maximum			0	\$0.00	\$0								
16	Off-Peak Excess			135,754	\$1.65	\$223,994								
17	Energy Charges:													
18	Summer													
19	Standard kWh			280,243,098	\$0.0022566	\$632,397								
20	Minimum kWh			259,962	\$0.0000000	\$0								
21	Maximum kWh			0	\$0.1147097	\$0								
22	First 100 kWh/kW			68,526,349			\$0.02961	\$1,673,745			\$0.03280	\$1,854,064		
23	Next 100 kWh/kW			58,242,013			\$0.02676	\$1,617,520			\$0.03186	\$1,791,871		
24	Next 100 kWh/kW			55,512,765			\$0.02554	\$1,417,798			\$0.02829	\$1,570,456		
25	Next 100 kWh/kW			51,185,386			\$0.01994	\$1,020,637			\$0.02209	\$1,130,685		
26	Next 100 kWh/kW			39,593,826			\$0.01197	\$473,938			\$0.01328	\$525,014		
27	Next 100 kWh/kW			17,828,900			\$0.00163	\$29,058			\$0.00181	\$32,267		
28	Over 600 kWh/kW			3,615,820			\$0.00000	\$0			\$0.00000	\$0		
29	Winter													
30	Standard kWh			608,586,364	\$0.0022566	\$1,373,291								
31	Minimum kWh			193,396	\$0.0000000	\$0								
32	Maximum kWh			0	\$0.1147097	\$0								
33	First 100 kWh/kW			125,437,877			\$0.02303	\$2,888,834			\$0.02551	\$3,199,920		
34	Next 100 kWh/kW			124,411,382			\$0.02227	\$2,770,640			\$0.02467	\$3,069,228		
35	Next 100 kWh/kW			121,934,816			\$0.01938	\$2,363,087			\$0.02147	\$2,617,941		
36	Next 100 kWh/kW			110,440,325			\$0.01437	\$1,587,027			\$0.01592	\$1,758,210		
37	Next 100 kWh/kW			80,360,464			\$0.00724	\$581,810			\$0.00802	\$644,491		
38	Next 100 kWh/kW			35,376,577			\$0.00000	\$0			\$0.00000	\$0		
39	Over 600 kWh/kW			10,788,368			\$0.00000	\$0			\$0.00000	\$0		
40														
41	Difference between Metered and Billing Energy			-2,239,797										
42	Total Base Charges					\$18,251,571		\$18,424,103				\$18,194,148		
43														
44	Fuel Adjustment Clause Rider			887,013,023	\$0.0265796	\$23,676,368	\$0.0317467	\$28,159,736			\$0.0317467	\$28,159,736		
45														
46	Environmental Investment Carrying Cost Rider				4.46836%	\$815,546	4.00152%	\$657,214			3.61219%	\$557,207		
47														
48	Market Transition Rider			887,013,023			(\$0.00006)	-\$53,221			\$0.00003	\$26,610		
49														
50	Total		902	887,013,023		\$42,643,479		\$45,187,832	\$2,544,353	5.97%		\$47,037,700	\$1,849,868	4.09%
51														
52	Cost in Cents per kWh					4.81		5.09	0.29			5.30	0.21	

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1	GS-3	General Service - Medium/High Load Factor - Transmission Voltage												
2		Tariffs: 245, 257												
3														
4	Charges													
5	Bills		53											
6	Demand Charges:													
7	Summer													
8	Standard			21,908	\$8.57	\$187,752								
9	Minimum			0	\$8.57	\$0								
10	Maximum			0	\$0.00	\$0								
11	Off-Peak Excess			1,384	\$0.86	\$1,190								
12	Winter													
13	Standard			63,459	\$8.57	\$543,844								
14	Minimum			2,032	\$8.57	\$17,414								
15	Maximum			0	\$0.00	\$0								
16	Off-Peak Excess			640	\$0.86	\$550								
17	Energy Charges													
18	Summer													
19	Standard kWh			9,595,745	\$0.0021727	\$20,849								
20	Minimum kWh			0	\$0.0000000	\$0								
21	Maximum kWh			0	\$0.1225411	\$0								
22	First 100 kWh/kW			1,992,171			\$0.02961	\$58,988			\$0.03280	\$65,343		
23	Next 100 kWh/kW			1,972,773			\$0.02876	\$56,737			\$0.03186	\$62,853		
24	Next 100 kWh/kW			1,992,067			\$0.02554	\$50,345			\$0.02829	\$54,858		
25	Next 100 kWh/kW			1,712,726			\$0.01994	\$34,152			\$0.02209	\$37,834		
26	Next 100 kWh/kW			1,276,817			\$0.01197	\$15,281			\$0.01326	\$16,928		
27	Next 100 kWh/kW			567,843			\$0.00163	\$926			\$0.00181	\$1,028		
28	Over 600 kWh/kW			141,549			\$0.00000	\$0			\$0.00000	\$0		
29	Winter													
30	Standard kWh			35,381,535	\$0.0021727	\$76,874								
31	Minimum kWh			101,809	\$0.0000000	\$0								
32	Maximum kWh			0	\$0.1225411	\$0								
33	First 100 kWh/kW			7,369,994			\$0.02303	\$169,731			\$0.02551	\$188,009		
34	Next 100 kWh/kW			7,328,800			\$0.02227	\$163,168			\$0.02467	\$180,752		
35	Next 100 kWh/kW			7,130,413			\$0.01938	\$138,187			\$0.02147	\$153,090		
36	Next 100 kWh/kW			6,305,895			\$0.01437	\$90,616			\$0.01592	\$100,360		
37	Next 100 kWh/kW			4,581,578			\$0.00724	\$33,171			\$0.00802	\$36,744		
38	Next 100 kWh/kW			2,117,221			\$0.00000	\$0			\$0.00000	\$0		
39	Over 600 kWh/kW			651,343			\$0.00000	\$0			\$0.00000	\$0		
40														
41	Difference between Metered and Billing Energy			0										
42	Total Base Charges					\$848,472		\$810,301				\$867,629		
43														
44	Fuel Adjustment Clause Rider			45,078,990	\$0.0265795	\$1,198,177	\$0.0317467	\$1,431,109			\$0.0317467	\$1,431,109		
45														
46	Environmental Investment Carrying Cost Rider				4.46836%	\$97,913	4.00152%	\$32,424			3.61219%	\$32,424		
47														
48	Market Transition Rider			45,078,990			(\$0.00006)	-\$2,705			\$0.00003	\$1,352		
49														
50	Total		53	45,078,990		\$2,084,662		\$2,271,130	\$186,568	8.95%		\$2,362,514	\$91,384	4.02%
51														
52	Cost in Cents per kWh					4.62		5.04	0.41			5.24	0.20	

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1	GS-4 / IRP-D	General Service - Large / Interruptible Power - Discretionary - Primary Voltage												
2		Tariffs: 322, 337												
3														
4	Charges													
5	Bills		48											
6	Demand Charges													
7	Summer													
8	Standard			152,598	\$9.80	\$1,495,441								
9	Interruptible			0	\$6.38	\$0								
10	Interruptible Credit			0										
11	Off-Peak Excess			376	\$5.84	\$2,196	(\$6.57)	\$0			(\$7.28)	\$0		
12	Winter													
13	Standard			316,478	\$9.80	\$3,101,484								
14	Interruptible			0	\$6.38	\$0								
15	Interruptible Credit			0										
16	Off-Peak Excess			239	\$5.84	\$1,386	(\$6.57)	\$0			(\$7.28)	\$0		
17	Energy Charges													
18	Summer													
19	Standard kWh			89,023,118	\$0.0000913	\$8,128								
	Replacement Electricity			0										
20	First 100 kWh/kW			15,259,642			\$0.03021	\$480,994			\$0.03347	\$510,740		
21	Next 100 kWh/kW			15,259,642			\$0.02935	\$447,870			\$0.03251	\$496,091		
22	Next 100 kWh/kW			15,259,642			\$0.02606	\$397,666			\$0.02887	\$440,546		
23	Next 100 kWh/kW			15,259,642			\$0.02035	\$310,534			\$0.02254	\$348,952		
24	Next 100 kWh/kW			14,975,666			\$0.01221	\$182,853			\$0.01353	\$202,621		
25	Next 100 kWh/kW			9,960,588			\$0.00166	\$16,535			\$0.00184	\$18,327		
26	Over 600 kWh/kW			3,048,286			\$0.00000	\$0			\$0.00000	\$0		
27	Winter													
28	Standard kWh			177,125,954	\$0.0000913	\$16,172								
	Replacement Electricity			0										
29	First 100 kWh/kW			31,647,705			\$0.02360	\$743,721			\$0.02603	\$823,790		
30	Next 100 kWh/kW			31,647,705			\$0.02272	\$719,036			\$0.02517	\$796,573		
31	Next 100 kWh/kW			31,647,705			\$0.01977	\$625,675			\$0.02190	\$693,085		
32	Next 100 kWh/kW			31,185,482			\$0.01466	\$456,901			\$0.01624	\$506,144		
33	Next 100 kWh/kW			26,625,281			\$0.00738	\$199,495			\$0.00818	\$217,795		
34	Next 100 kWh/kW			18,761,304			\$0.00000	\$0			\$0.00000	\$0		
35	Over 600 kWh/kW			5,629,773			\$0.00000	\$0			\$0.00000	\$0		
36														
37	Difference between Metered and Billing Energy			0										
38	Total Base Charges					\$4,624,816		\$4,558,279				\$6,049,663		
39														
40	Fuel Adjustment Clause Rider			266,149,072	\$0.0243472	\$6,479,965	\$0.0323921	\$8,621,127			\$0.0323921	\$8,621,127		
41														
42	Environmental Investment Carrying Cost Rider				4.46835%	\$206,653	4.00152%	\$182,400			3.61219%	\$182,403		
43														
44	Market Transition Rider			266,149,072			(\$0.00362)	-\$938,846			(\$0.00176)	-\$468,422		
45														
46	Total		48	266,149,072		\$11,311,464		\$12,424,962	\$1,113,508	9.84%		\$13,384,772	\$959,810	7.72%
47														
48	Cost in Cents per kWh					4.25		4.67	0.42			5.03	0.36	

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1	GS-4 / IRP-D	General Service - Large / Interruptible Power - Discretionary - Subtransmission Voltage												
2		Tariffs: 323, 338												
3														
4	Charges													
5	Bills		347											
6	Demand Charges													
7	Summer													
8	Standard			1,396,255	\$9.55	\$13,334,235								
9	Interruptible			11,864	\$5.89	\$69,879								
10	Interruptible Credit			11,864			(\$6.57)	-\$77,946			(\$7.28)	-\$86,370		
11	Off-Peak Excess			40,653	\$2.10	\$85,371								
12	Winter													
13	Standard			2,953,338	\$9.55	\$28,204,378								
14	Interruptible			25,857	\$5.89	\$152,298								
15	Interruptible Credit			25,857			(\$6.57)	-\$169,890			(\$7.28)	-\$188,239		
16	Off-Peak Excess			26,279	\$2.10	\$55,188								
17	Energy Charges:													
18	Summer													
19	Standard kWh			762,224,941	\$0.0005155	\$393,232								
20	Replacement Electricity			147,205										
21	First 100 kWh/kW			141,292,547			\$0.02961	\$4,183,672			\$0.02280	\$4,634,396		
22	Next 100 kWh/kW			141,069,608			\$0.02876	\$4,057,162			\$0.03186	\$4,494,478		
23	Next 100 kWh/kW			138,935,080			\$0.02554	\$3,548,402			\$0.02829	\$3,930,473		
24	Next 100 kWh/kW			128,474,153			\$0.01994	\$2,561,775			\$0.02209	\$2,837,994		
25	Next 100 kWh/kW			104,246,807			\$0.01197	\$1,247,834			\$0.01326	\$1,382,313		
26	Next 100 kWh/kW			74,591,714			\$0.00163	\$121,584			\$0.00181	\$135,011		
27	Over 600 kWh/kW			33,615,031			\$0.00000	\$0			\$0.00000	\$0		
28	Winter													
29	Standard kWh			1,614,281,590	\$0.0005155	\$832,808								
30	Replacement Electricity			560,682										
31	First 100 kWh/kW			298,348,512			\$0.02303	\$6,870,998			\$0.02551	\$7,610,871		
32	Next 100 kWh/kW			297,785,869			\$0.02227	\$6,631,891			\$0.02467	\$7,346,377		
33	Next 100 kWh/kW			288,880,956			\$0.01936	\$5,594,637			\$0.02147	\$6,197,980		
34	Next 100 kWh/kW			269,239,391			\$0.01437	\$3,868,970			\$0.01592	\$4,286,291		
35	Next 100 kWh/kW			231,234,858			\$0.00724	\$1,674,140			\$0.00802	\$1,854,504		
36	Next 100 kWh/kW			163,646,932			\$0.00000	\$0			\$0.00000	\$0		
37	Over 600 kWh/kW			65,345,072			\$0.00000	\$0			\$0.00000	\$0		
38														
39	Difference between Metered and Billing Energy			-285,037										
40	Total Base Charges					\$43,127,367		\$40,113,008				\$44,438,078		
41														
42	Fuel Adjustment Clause Rider			2,376,949,381	\$0.0237622	\$56,481,547	\$0.0317467	\$75,480,299			\$0.0317467	\$75,480,299		
43														
44	Environmental Investment Carrying Cost Rider				4.46836%	\$1,927,087	4.00152%	\$1,605,130			3.61219%	\$1,605,116		
45														
46	Market Transition Rider			2,376,949,381			(\$0.00352)	-\$8,366,862			(\$0.00176)	-\$4,183,431		
47														
48	Total		347	2,376,949,381		\$101,536,020		\$108,811,575	\$7,275,554	7.17%		\$117,318,062	\$8,506,487	7.82%
49														
50	Cost in Cents per kWh					4.27		4.58	0.31			4.94	0.36	

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1	GS-4 / IRP-D	General Service - Large / Interruptible Power - Discretionary - Transmission Voltage												
2		Tariffs: 324, 326, 339, 954												
3														
4	<u>Charges</u>													
5	Bills		130											
6	Demand Charges:													
7	<u>Summer</u>													
8	Standard			2,215,857	\$9.38	\$20,784,739								
9	Interruptible			1,208,193	\$5.71	\$6,898,762								
10	Interruptible Credit			1,208,193			(\$5.57)	-\$7,937,828			(\$7.28)	-\$8,795,645		
11	Off-Peak Excess			26,206	\$1.06	\$27,778								
12	<u>Winter</u>													
13	Standard			4,591,571	\$9.38	\$43,088,936								
14	Interruptible			1,833,523	\$5.71	\$10,459,416								
15	Interruptible Credit			1,833,523			(\$6.57)	-\$12,046,246			(\$7.28)	-\$13,348,047		
16	Off-Peak Excess			7,258	\$1.06	\$7,693								
17	Energy Charges:													
18	<u>Summer</u>													
19	Standard kWh			2,036,795,748	\$0.0004747	\$966,867								
20	Replacement Electricity			8,951,345										
21	First 100 kWh/kW			341,236,479			\$0.02981	\$10,104,012			\$0.03280	\$11,192,557		
22	Next 100 kWh/kW			341,140,194			\$0.02876	\$9,811,192			\$0.03186	\$10,868,727		
23	Next 100 kWh/kW			341,140,194			\$0.02554	\$8,712,721			\$0.02829	\$9,650,856		
24	Next 100 kWh/kW			339,408,743			\$0.01994	\$6,767,770			\$0.02209	\$7,497,495		
25	Next 100 kWh/kW			291,182,906			\$0.01197	\$3,465,459			\$0.01326	\$3,861,085		
26	Next 100 kWh/kW			209,190,060			\$0.00163	\$340,980			\$0.00181	\$378,634		
27	Over 600 kWh/kW			173,499,174			\$0.00000	\$0			\$0.00000	\$0		
28	<u>Winter</u>													
29	Standard kWh			3,868,221,206	\$0.0004747	\$1,836,245								
30	Replacement Electricity			26,822,176										
31	First 100 kWh/kW			642,509,584			\$0.02303	\$14,766,998			\$0.02551	\$16,390,419		
32	Next 100 kWh/kW			642,509,584			\$0.02227	\$14,308,688			\$0.02467	\$15,850,711		
33	Next 100 kWh/kW			642,509,584			\$0.01938	\$12,451,836			\$0.02147	\$13,794,681		
34	Next 100 kWh/kW			633,243,397			\$0.01437	\$9,099,708			\$0.01592	\$10,081,235		
35	Next 100 kWh/kW			565,621,017			\$0.00724	\$4,095,096			\$0.00802	\$4,536,281		
36	Next 100 kWh/kW			430,661,780			\$0.00000	\$0			\$0.00000	\$0		
37	Over 600 kWh/kW			311,166,260			\$0.00000	\$0			\$0.00000	\$0		
38														
39	Difference between Metered and Billing Energy			0										
40	Total Base Charges					\$84,080,456		\$73,990,384				\$81,968,968		
41														
42	Fuel Adjustment Clause Rider			5,940,690,475	\$0.0237622	\$141,163,875	\$0.0317467	\$188,597,318			\$0.0317467	\$188,597,318		
43														
44	Environmental Investment Carrying Cost Rider				4.46836%	\$3,756,124	4.00152%	\$2,960,740			3.61219%	\$2,960,514		
45														
46	Market Transition Rider			5,940,690,475			(\$0.00362)	-\$20,911,230			(\$0.00176)	-\$10,455,615		
47														
48	Total		130	5,940,690,475		\$226,980,456		\$244,637,212	\$15,656,756	6.84%		\$263,061,206	\$18,423,994	7.53%
49														
50	Cost in Cents per kWh					3.85		4.12	0.26			4.43	0.31	

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1	EHG	Electric Heating General												
2		Secondary Voltage												
3		Tariffs: 208, 209, 210												
4	Charges													
5	Bills		5,674											
6	Demand Charges:													
7	Summer													
8	Standard (In Excess of 30 kW)			2,480	\$1.93	\$4,766								
9	Winter													
10	Standard (In Excess of 30 kW)			8,429	\$1.93	\$16,268								
11	Energy Charges:													
12	Summer													
13	Standard kWh			5,762,675	\$0.0149366	\$86,077								
14	First 100 kWh/kW			2,728,440			\$0.03130	\$85,400			\$0.03467	\$94,595		
15	Next 100 kWh/kW			1,709,223			\$0.03040	\$51,960			\$0.03368	\$57,587		
16	Next 100 kWh/kW			861,194			\$0.02700	\$23,252			\$0.02991	\$25,758		
17	Next 100 kWh/kW			338,470			\$0.02108	\$7,135			\$0.02335	\$7,903		
18	Next 100 kWh/kW			99,733			\$0.01265	\$1,262			\$0.01401	\$1,397		
19	Next 100 kWh/kW			21,646			\$0.00172	\$37			\$0.00191	\$41		
20	Over 600 kWh/kW			3,969			\$0.00000	\$0			\$0.00000	\$0		
21	Winter													
22	Standard kWh			16,288,401	\$0.0149366	\$243,298								
23	First 100 kWh/kW			7,571,112			\$0.02434	\$184,281			\$0.02696	\$204,117		
24	Next 100 kWh/kW			4,993,011			\$0.02354	\$117,535			\$0.02608	\$130,218		
25	Next 100 kWh/kW			2,402,877			\$0.02048	\$49,211			\$0.02269	\$54,521		
26	Next 100 kWh/kW			921,703			\$0.01618	\$14,001			\$0.01683	\$15,512		
27	Next 100 kWh/kW			267,448			\$0.00765	\$1,969			\$0.00847	\$2,181		
28	Next 100 kWh/kW			61,108			\$0.00000	\$0			\$0.00000	\$0		
29	Over 600 kWh/kW			81,142			\$0.00000	\$0			\$0.00000	\$0		
30														
31	Total Base Charges					\$329,375		\$538,044				\$593,811		
32														
33	Fuel Adjustment Clause Rider			22,051,076	\$0.0302127	\$666,223	\$0.0335561	\$739,948			\$0.0335561	\$739,948		
34														
35	Environmental Investment Carrying Cost Rider				4.46836%	\$14,718	4.00152%	\$21,450			3.61219%	\$21,450		
36														
37	Market Transition Rider			22,051,076			(\$0.00459)	-\$101,214			(\$0.00228)	-\$50,276		
38														
39	Total		5,674	22,051,076		\$1,010,315		\$1,196,228	\$185,913	18.40%		\$1,304,932	\$108,705	9.09%
40														
41	Cost in Cents per kWh					4.58		5.42	0.84			5.92	0.49	

OHIO POWER COMPANY
Case No. 10-XXX-EL-SSO
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

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1	EHS	Electric Heating Schools												
2		Secondary Voltage												
3		Tariff: 631												
4	Charges													
5	Bills		12											
6	Energy Charges													
7	Summer													
8	Standard kWh			63,835	\$0.000000C	\$0								
9	First 100 kWh/kW			31,897			\$0.03130	\$998			\$0.03467	\$1,106		
10	Next 100 kWh/kW			30,195			\$0.03040	\$918			\$0.03368	\$1,017		
11	Next 100 kWh/kW			1,741			\$0.02700	\$47			\$0.02991	\$52		
12	Next 100 kWh/kW			0			\$0.02108	\$0			\$0.02335	\$0		
13	Next 100 kWh/kW			0			\$0.01265	\$0			\$0.01401	\$0		
14	Next 100 kWh/kW			0			\$0.00172	\$0			\$0.00191	\$0		
15	Over 600 kWh/kW			0			\$0.00000	\$0			\$0.00000	\$0		
16	Winter													
17	Standard kWh			333,458	\$0.000000C	\$0								
18	First 100 kWh/kW			147,741			\$0.02434	\$3,596			\$0.02696	\$3,983		
19	Next 100 kWh/kW			138,474			\$0.02354	\$3,260			\$0.02608	\$3,611		
20	Next 100 kWh/kW			47,244			\$0.02048	\$968			\$0.02269	\$1,072		
21	Next 100 kWh/kW			0			\$0.01519	\$0			\$0.01683	\$0		
22	Next 100 kWh/kW			0			\$0.00765	\$0			\$0.00847	\$0		
23	Next 100 kWh/kW			0			\$0.00000	\$0			\$0.00000	\$0		
24	Over 600 kWh/kW			0			\$0.00000	\$0			\$0.00000	\$0		
25														
26	Total Base Charges					\$0		\$9,787				\$10,841		
27														
28	Fuel Adjustment Clause Rider			397,293	\$0.0260641	\$10,355	\$0.0335561	\$13,332			\$0.0335561	\$13,332		
29														
30	Environmental Investment Carrying Cost Rider				4.46836%	\$0	4.00162%	\$392			3.61219%	\$392		
31														
32	Market Transition Rider			397,293			(\$0.02215)	-\$8,800			(\$0.01267)	-\$5,034		
33														
34	Total		12	397,293		\$10,355		\$14,710	\$4,355	42.05%		\$19,531	\$4,821	32.78%
35														
36	Cost in Cents per kWh					2.61		3.70	1.10			4.92	1.21	

OHIO POWER COMPANY
Case No. 10-XXX-EL-S90
Annualized Test Year Revenues at Proposed Rates vs.
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1	SS	School Service												
2		Secondary Voltage												
3		Tariff: 636												
4	Charges													
5	Bills		2,094											
6	Energy Charges:													
7	Summer													
8		First 300 kWh per 1,000 Square Feet		5,365,974	\$0.0252066	\$135,258								
9		All Additional kWh		5,162,355	\$0.0241762	\$124,806								
10		First 100 kWh/kW		4,639,803			\$0.03130	\$145,228			\$0.03467	\$160,882		
11		Next 100 kWh/kW		3,769,998			\$0.03040	\$114,808			\$0.03368	\$126,974		
12		Next 100 kWh/kW		1,685,214			\$0.02700	\$44,961			\$0.02991	\$49,807		
13		Next 100 kWh/kW		382,449			\$0.02108	\$7,640			\$0.02336	\$8,463		
14		Next 100 kWh/kW		83,551			\$0.01265	\$1,057			\$0.01401	\$1,171		
15		Next 100 kWh/kW		7,315			\$0.00172	\$13			\$0.00191	\$14		
16		Over 600 kWh/kW		0			\$0.00000	\$0			\$0.00000	\$0		
17	Winter													
18		First 300 kWh per 1,000 Square Feet		13,965,735	\$0.0252066	\$352,029								
19		All Additional kWh		17,335,265	\$0.0241762	\$419,101								
20		First 100 kWh/kW		12,800,918			\$0.02434	\$306,708			\$0.02696	\$339,721		
21		Next 100 kWh/kW		11,448,746			\$0.02354	\$269,503			\$0.02608	\$298,583		
22		Next 100 kWh/kW		5,990,361			\$0.02048	\$122,683			\$0.02269	\$135,921		
23		Next 100 kWh/kW		1,121,886			\$0.01519	\$17,041			\$0.01683	\$18,881		
24		Next 100 kWh/kW		118,380			\$0.00765	\$906			\$0.00847	\$1,003		
25		Next 100 kWh/kW		14,975			\$0.00000	\$0			\$0.00000	\$0		
26		Over 600 kWh/kW		5,735			\$0.00000	\$0			\$0.00000	\$0		
27														
28	Total Base Charges					\$1,031,194		\$1,030,344				\$1,141,399		
29														
30	Fuel Adjustment Clause Rider			41,829,329	\$0.0291048	\$1,217,434	\$0.0335561	\$1,403,629			\$0.0335561	\$1,403,629		
31														
32	Environmental Investment Carrying Cost Rider				4.46836%	\$46,077	4.00152%	\$41,229			3.61219%	\$41,230		
33														
34	Market Transition Rider			41,829,329			\$0.00145	\$60,653			\$0.00072	\$30,117		
35														
36	Total		2,094	41,829,329		\$2,294,705		\$2,535,856	\$241,150	10.51%		\$2,616,375	\$80,520	3.18%
37														
38	Cost in Cents per kWh					5.49		6.06	0.58			6.25	0.19	

OHIO POWER COMPANY
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1	FL	Flood Pumping												
2		Secondary Voltage												
3		Tariff: 716												
4	Charges													
5	Bills		312											
6	Energy Charges													
7	Summer													
8	First 1,500 kWh			36,005	\$0.0088202	\$318								
9	All Additional kWh			17,437	\$0.0000000	\$0								
10	All kWh			53,442			\$0.02714	\$1,450			\$0.03008	\$1,606		
11	Winter													
12	First 1,500 kWh			207,052	\$0.0088202	\$1,826								
13	All Additional kWh			252,795	\$0.0000000	\$0								
14	All kWh			459,847			\$0.02057	\$9,459			\$0.02279	\$10,480		
15														
16	Total Base Charges					\$2,144		\$10,909				\$12,085		
17														
18	Fuel Adjustment Clause Rider			513,269	\$0.0300046	\$15,401	\$0.0335561	\$17,224			\$0.0335561	\$17,224		
19														
20	Environmental Investment Carrying Cost Rider				4.46836%	\$96	4.00152%	\$437			3.61219%	\$437		
21														
22	Market Transition Rider			513,269			(\$0.01192)	-\$6,118			(\$0.00521)	-\$3,188		
23														
24	Total		312	513,269		\$17,841		\$22,452	\$4,611	27.27%		\$26,559	\$4,108	18.30%
25														
26	Cost in Cents per kWh					3.44		4.37	0.94			5.17	0.80	

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1	OL	Outdoor Lighting												
2		Secondary Voltage												
3		Tariffs: 090 to 119												
4		<u>Charges</u>												
5														
6		9,000 lumen high pressure sodium	360,325 40	14,413,000	\$4.76	\$1,715,147	\$0.00053	\$7,639			\$0.00059	\$8,504		
7		22,000 lumen high pressure sodium	65,442 84	5,497,128	\$5.68	\$370,402	\$0.00053	\$2,913			\$0.00059	\$3,243		
8		22,000 lumen high pressure sodium floodlight	37,888 84	3,182,592	\$5.84	\$213,888	\$0.00053	\$1,687			\$0.00059	\$1,878		
9		50,000 lumen high pressure sodium floodlight	102,902 187	17,184,894	\$6.28	\$644,187	\$0.00053	\$9,108			\$0.00059	\$10,139		
10		17,000 lumen metal halide floodlight	6,889 100	888,900	\$7.14	\$47,759	\$0.00053	\$355			\$0.00059	\$395		
11		28,000 lumen high metal halide floodlight	65,916 158	10,414,728	\$6.57	\$433,068	\$0.00053	\$5,520			\$0.00059	\$6,145		
12														
13		2,500 lumen incandescent	1,088 63	68,544	\$6.91	\$7,518	\$0.00053	\$36			\$0.00059	\$40		
14		4,000 lumen incandescent	116 98	11,368	\$7.45	\$864	\$0.00053	\$6			\$0.00059	\$7		
15		7,000 lumen mercury	26,531 72	1,910,232	\$5.43	\$144,063	\$0.00053	\$1,012			\$0.00059	\$1,127		
16		20,000 lumen mercury	2,123 158	335,434	\$8.95	\$14,756	\$0.00053	\$178			\$0.00059	\$198		
17		20,000 lumen mercury floodlight	1,388 158	219,304	\$8.77	\$12,173	\$0.00053	\$118			\$0.00059	\$129		
18		50,000 lumen mercury floodlight	1,103 378	416,934	\$10.05	\$11,085	\$0.00053	\$221			\$0.00059	\$246		
19														
20		7,000 lumen mercury lam on 12 ft. post	4,888 72	351,936	\$9.40	\$45,947	\$0.00053	\$187			\$0.00059	\$208		
21		9,000 lumen high pressure sodium lamp on 12 ft. post	22,814 40	912,560	\$8.93	\$203,729	\$0.00053	\$494			\$0.00059	\$538		
22														
23		400 W High Pressure Sodium (special)	580 187	96,880	\$9.87	\$9,869	\$0.00053	\$51			\$0.00059	\$57		
24		1,000 W Metal Halide Floodlight (special)	950 378	359,100	\$10.58	\$10,061	\$0.00053	\$190			\$0.00059	\$212		
25														
26		Total Base Charges				\$3,878,266		\$29,703				\$33,066		
27														
28		Fuel Adjustment Clause Rider		58,043,254	\$0.0444636	\$2,491,885	\$0.0335561	\$1,880,593			\$0.0335561	\$1,880,593		
29														
30		Environmental Investment Carrying Cost Rider			4.46836%	\$173,298	4.00152%	\$1,189			3.61219%	\$1,184		
31														
32		Market Transition Rider		56,043,254			\$0.06166	\$3,455,627			\$0.03084	\$1,728,374		
33														
34		Total	700,743	56,043,254		\$6,543,466		\$5,367,112	-\$1,176,354	-17.98%		\$3,643,227	-\$1,723,885	-32.12%
35														
36		Cost in Cents per kWh				11.68		9.58	(2.10)			6.50	(3.08)	

OHIO POWER COMPANY
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1	SL	Street Lighting												
2		Secondary Voltage												
3		Tariffs: 521, 522, 535												
4	Charges		11,967											
5														
6	On Wood Pole													
7	7,000 lumen mercury vapor		117,203	72	8,438,616	\$3.67	\$430,135	\$0.00059	\$4,979		\$0.00065	\$5,485		
8	11,000 lumen mercury vapor		11,342	100	1,134,200	\$4.24	\$48,090	\$0.00059	\$669		\$0.00065	\$737		
9	20,000 lumen mercury vapor		14,545	158	2,298,110	\$4.54	\$68,034	\$0.00059	\$1,358		\$0.00065	\$1,494		
10	50,000 lumen mercury vapor		15	378	5,670	\$8.23	\$123	\$0.00059	\$3		\$0.00065	\$4		
11	9,000 lumen high pressure sodium		788,809	40	31,944,360	\$3.25	\$2,595,479	\$0.00059	\$18,847		\$0.00065	\$20,784		
12	16,000 lumen high pressure sodium		64,762	59	3,820,958	\$3.31	\$214,362	\$0.00059	\$2,254		\$0.00065	\$2,484		
13	22,000 lumen high pressure sodium		94,114	84	7,905,576	\$3.80	\$357,633	\$0.00059	\$4,664		\$0.00065	\$5,139		
14	50,000 lumen high pressure sodium		8,349	167	1,394,283	\$4.11	\$34,314	\$0.00059	\$823		\$0.00065	\$906		
15	9,000 lumen high pressure sodium (post 1988)		29,495	40	1,179,800	\$8.98	\$264,865	\$0.00059	\$696		\$0.00065	\$767		
16	16,000 lumen high pressure sodium (post 1988)		2,139	59	126,201	\$9.04	\$19,337	\$0.00059	\$74		\$0.00065	\$82		
17	22,000 lumen high pressure sodium (post 1988)		8,632	84	725,088	\$9.54	\$82,349	\$0.00059	\$428		\$0.00065	\$471		
18	50,000 lumen high pressure sodium (post 1988)		1,213	167	202,571	\$9.86	\$11,960	\$0.00059	\$120		\$0.00065	\$132		
19														
20	On Metal Pole:													
21	7,000 lumen mercury vapor		3,595	72	258,840	\$7.11	\$25,560	\$0.00059	\$153		\$0.00065	\$168		
22	11,000 lumen mercury vapor		0	100	0	\$8.35	\$0	\$0.00059	\$0		\$0.00065	\$0		
23	20,000 lumen mercury vapor		5,566	158	879,428	\$8.96	\$49,871	\$0.00059	\$519		\$0.00065	\$572		
24	50,000 lumen mercury vapor		888	378	335,884	\$13.08	\$11,815	\$0.00059	\$198		\$0.00065	\$218		
25	9,000 lumen high pressure sodium		5,007	40	200,280	\$8.09	\$40,507	\$0.00059	\$118		\$0.00065	\$130		
26	16,000 lumen high pressure sodium		2,645	59	158,055	\$8.13	\$21,504	\$0.00059	\$92		\$0.00065	\$101		
27	22,000 lumen high pressure sodium		21,077	84	1,770,468	\$8.64	\$182,105	\$0.00059	\$1,045		\$0.00065	\$1,151		
28	50,000 lumen high pressure sodium		10,783	167	1,800,761	\$8.95	\$96,508	\$0.00059	\$1,062		\$0.00065	\$1,170		
29	9,000 lumen high pressure sodium (post 1998)		75	40	3,000	\$23.22	\$1,742	\$0.00059	\$2		\$0.00065	\$2		
30	22,000 lumen high pressure sodium (post 1998)		737	84	81,908	\$23.77	\$17,518	\$0.00059	\$37		\$0.00065	\$40		
31	50,000 lumen high pressure sodium (post 1998)		496	167	82,832	\$24.09	\$11,949	\$0.00059	\$49		\$0.00065	\$54		
32														
33	Multiple Lamps on Metal Pole:													
34	20,000 lumen mercury vapor		15	158	2,370	\$6.96	\$104	\$0.00059	\$1		\$0.00065	\$2		
35	9,000 lumen high pressure sodium		4,460	40	178,000	\$5.66	\$26,167	\$0.00059	\$106		\$0.00065	\$116		
36	16,000 lumen high pressure sodium		0	59	0	\$5.71	\$0	\$0.00059	\$0		\$0.00065	\$0		
37	22,000 lumen high pressure sodium		1,171	84	98,364	\$6.22	\$7,284	\$0.00059	\$58		\$0.00065	\$64		
38	50,000 lumen high pressure sodium		186	167	32,732	\$6.53	\$1,280	\$0.00059	\$19		\$0.00065	\$21		
39														
40	Post Top Unit:													
41	7,000 lumen mercury vapor		0	72	0	\$7.04	\$0	\$0.00059	\$0		\$0.00065	\$0		
42	9,000 lumen high pressure sodium		13,012	40	520,480	\$6.77	\$88,091	\$0.00059	\$307		\$0.00065	\$338		
43	9,000 lumen high pressure sodium (post 1988)		23,994	40	959,760	\$6.31	\$199,390	\$0.00059	\$666		\$0.00065	\$624		
44														
45	Total Base Charges						\$4,904,898		\$39,245			\$43,235		
46														
47	Fuel Adjustment Clause Rider			66,516,375	\$0.0381544		\$2,537,892	\$0.0335561	\$2,232,030		\$0.0335561	\$2,232,030		
48														
49	Environmental Investment Carrying Cost Rider				4.46836%		\$219,169	4.00152%	\$1,570		3.61219%	\$1,562		
50														
51	Market Transition Rider			66,516,375				\$0.05828	\$3,876,574		\$0.02865	\$1,899,043		
52														
53	Total		1,244,125	66,516,375		\$7,881,959		\$6,149,420	-\$1,512,540	-19.74%		\$4,175,870	-\$1,873,549	-32.08%
54														
55	Cost in Cents per kWh					11.52		9.24	(2.27)			6.28	(2.97)	

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1	SBS	Standby Service												
2		Subtransmission / Transmission Voltage												
3														
4	Charges													
5	Bills		12											
6	Backup Charges													
7	Summer													
8	Demand - Transmission			80,000	\$0.32	\$25,600	\$0.55	\$44,000			\$0.61	\$48,800		
9	Demand - Subtransmission			53,000	\$0.19	\$10,070	\$0.55	\$29,150			\$0.61	\$32,330		
10	Energy - Transmission			10,850	\$0.0032795	\$35	\$0.01222	\$133			\$0.01354	\$147		
11	Energy - Subtransmission			137,786	\$0.0033893	\$467	\$0.01222	\$1,684			\$0.01354	\$1,866		
12	Winter													
13	Demand - Transmission			160,000	\$0.32	\$51,200	\$0.55	\$88,000			\$0.61	\$97,600		
14	Demand - Subtransmission			106,000	\$0.19	\$20,140	\$0.55	\$58,300			\$0.61	\$64,660		
15	Energy - Transmission			86,800	\$0.0032795	\$285	\$0.01262	\$1,095			\$0.01398	\$1,213		
16	Energy - Subtransmission			0	\$0.0033893	\$0	\$0.01262	\$0			\$0.01398	\$0		
17														
18	Total Base Charges					\$107,797		\$222,382				\$246,616		
19														
20	Fuel Adjustment Clause Rider			235,438	\$0.0242134	\$5,701	\$0.0317467	\$7,474			\$0.0317467	\$7,474		
21														
22	Environmental Investment Carrying Cost Rider				4.46836%	\$4,817	4.00152%	\$6,898			3.61219%	\$8,908		
23														
24	Market Transition Rider			235,438			(\$0.26719)	-\$62,906			(\$0.17655)	-\$41,566		
25														
26	Total		12	235,438		\$118,315		\$175,828	\$57,513	48.61%		\$221,432	\$45,605	25.94%
27														
28	Cost in Cents per kWh					50.25		74.68	24.43			94.05	19.37	

Columbus Southern Power

Line No.	Class/ Descript. (A)	2011 Full Cost	Proposed				Current Billed FAC (F)
		Fuel Adjustment Rider (B)	Fuel Adjustment Rider (C)	2012 Transition Rider (D)	2013 Transition Rider (D)	FAC Rate Phase-In Rider (E)	
1	Residential Service	\$0.0364507	\$0.0335561	(\$0.00245)	(\$0.00124)	\$0.0028936	\$0.0356086
2							
3	General Service - Small	\$0.0364507	\$0.0335561	\$0.01811	\$0.00923	\$0.0028936	\$0.0326772
4							
5	General Service - Low Load Factor - Secondary Voltage	\$0.0364507	\$0.0335561	\$0.01753	\$0.00673	\$0.0028936	\$0.0348211
6							
7	General Service - Low Load Factor - Primary Voltage	\$0.0352618	\$0.0323921	\$0.01753	\$0.00673	\$0.0027932	\$0.0336854
8							
9	General Service - Medium Load Factor - Secondary Voltage	\$0.0364507	\$0.0335561	\$0.00291	\$0.00155	\$0.0028936	\$0.0338891
10							
11	General Service - Medium Load Factor - Primary Voltage	\$0.0352618	\$0.0323921	\$0.00291	\$0.00155	\$0.0027932	\$0.0327838
12							
13	General Service - Large / Interruptible Power - Discretionary	\$0.0346933	\$0.0317467	(\$0.00567)	(\$0.00297)	\$0.0027375	\$0.0307255
14							
15	Area Lighting	\$0.0364507	\$0.0335561	\$0.02813	\$0.01675	\$0.0028936	\$0.0457832
16							
17	Street Lighting	\$0.0364507	\$0.0335561	\$0.01657	\$0.00976	\$0.0028936	\$0.0400588
18							
19	Standby Service	\$0.0346933	\$0.0317467	(\$0.00163)	(\$0.00131)	\$0.0027375	\$0.0307255
20							
21							
22	Environmental Investment Carrying Cost Rider - 2011 Full Cost	5.69701%					4.55325%
23	Environmental Investment Carrying Cost Rider - Proposed 2012	4.00152%					
24	Environmental Investment Carrying Cost Rider - Proposed 2013	3.61219%					
25							
26	Proposed POLR Rate	\$0.00284					

Ohio Power

Line No.	Class/ Descript. (A)	2011 Full Cost	Proposed				Current Billed FAC (F)
		Fuel Adjustment Rider (B)	Fuel Adjustment Rider (C)	2012 Transition Rider (D)	2013 Transition Rider (D)	FAC Rate Phase-In Rider (E)	
25	Residential Service	\$0.0316388	\$0.0335561	(\$0.00058)	(\$0.00037)	\$0.0028936	\$0.0318012
26							
27	General Service - Non-Demand Metered	\$0.0316388	\$0.0335561	\$0.01380	\$0.00726	\$0.0028936	\$0.0329131
28							
29	General Service - Low Load Factor - Secondary Voltage	\$0.0316388	\$0.0335561	\$0.00671	\$0.00339	\$0.0028936	\$0.0300046
30							
31	General Service - Low Load Factor - Primary Voltage	\$0.0305053	\$0.0323921	\$0.00671	\$0.00339	\$0.0027932	\$0.0289296
32							
33	General Service - Low Load Factor - Subtransmission Voltage	\$0.0297723	\$0.0317467	\$0.00671	\$0.00339	\$0.0027375	\$0.0282345
34							
35	General Service - Low Load Factor - Transmission Voltage	\$0.0297723	\$0.0317467	\$0.00671	\$0.00339	\$0.0027375	\$0.0282345
36							
37	General Service - Medium/High Load Factor - Secondary Voltage	\$0.0316388	\$0.0335561	(\$0.00008)	\$0.00003	\$0.0028936	\$0.0282458
38							
39	General Service - Medium/High Load Factor - Primary Voltage	\$0.0305053	\$0.0323921	(\$0.00006)	\$0.00003	\$0.0027932	\$0.0272339
40							
41	General Service - Medium/High Load Factor - Subtransmission Voltage	\$0.0297723	\$0.0317467	(\$0.00006)	\$0.00003	\$0.0027375	\$0.0265795
42							
43	General Service - Medium/High Load Factor - Transmission Voltage	\$0.0297723	\$0.0317467	(\$0.00006)	\$0.00003	\$0.0027375	\$0.0265795
44							
45	General Service - Large / Interruptible Power - Discretionary - Primary Voltage	\$0.0305053	\$0.0323921	(\$0.00352)	(\$0.00176)	\$0.0027932	\$0.0243472
46							
47	General Service - Large / Interruptible Power - Discretionary - Subtransmission Voltage	\$0.0297723	\$0.0317467	(\$0.00352)	(\$0.00176)	\$0.0027375	\$0.0237622
48							
49	General Service - Large / Interruptible Power - Discretionary - Transmission Voltage	\$0.0297723	\$0.0317467	(\$0.00352)	(\$0.00176)	\$0.0027375	\$0.0237622
50							
51	Electric Heating General	\$0.0316388	\$0.0335561	(\$0.00459)	(\$0.00228)	\$0.0028936	\$0.0302127
52							
53	Electric Heating Schools	\$0.0316388	\$0.0335561	(\$0.02215)	(\$0.01267)	\$0.0028936	\$0.0260841
54							
55	School Service	\$0.0316388	\$0.0335561	\$0.00145	\$0.00072	\$0.0028936	\$0.0291048
56							
57	Flood Pumping	\$0.0316388	\$0.0335561	(\$0.01192)	(\$0.00621)	\$0.0028936	\$0.0300046
58							
59	Outdoor Lighting	\$0.0316388	\$0.0335561	\$0.06166	\$0.03084	\$0.0028936	\$0.0444636
60							
61	Street Lighting	\$0.0316388	\$0.0335561	\$0.05828	\$0.02855	\$0.0028936	\$0.0381544
62							
63	Standby Service	\$0.0297723	\$0.0317467	(\$0.26719)	(\$0.17655)	\$0.0027375	\$0.0242134
64							
65							
66	Environmental Investment Carrying Cost Rider - 2011 Full Cost	3.39957%					4.46836%
67	Environmental Investment Carrying Cost Rider - Proposed 2012	4.00152%					
68	Environmental Investment Carrying Cost Rider - Proposed 2013	3.61219%					
69							
70	Proposed POLR Rate	\$0.00284					

2011 FAC Rate Development & FAC Rate Phase In Rider

	Columbus Southern Power			Ohio Power			AEP Ohio		
	Secondary	Primary	Sub/Trans	Secondary	Primary	Sub/Trans	Secondary	Primary	Sub/Trans
Total FAC Rate per Metered kWh	3.592			3.081			3.290		
Composite Loss Factor	1.042			1.038			1.040		
FAC Rate At Generation Level	3.446	3.446	3.446	2.967	2.967	2.967	3.163	3.163	3.163
Loss Factor	1.0578	1.0233	1.0039	1.0662	1.0280	1.0033	1.0608	1.0240	1.0036
FAC Rate at the Meter Level - Cents/kWh	3.64507	3.52618	3.45933	3.16388	3.05053	2.97723	3.35561	3.23921	3.17467
Use AEP Ohio Rate:	3.35561	3.23921	3.17467	3.35561	3.23921	3.17467			
Check Sums	(0.000)			(0.000)			(1,187)		

Rate Phase-In Rider (2009-2011 Deferred FAC)

	<u>Ohio Power</u>	<u>AEP Ohio</u>
Annual Revenue Requirement	\$ 135,261,240	\$ 135,261,240
Forecast 2012 MWH	26,476,000	47,683,000
Rate at Meter - Cents/kWh	0.51088	0.28367

	Ohio Power			AEP Ohio		
	Secondary	Primary	Sub/Trans	Secondary	Primary	Sub/Trans
Rate at Generation Level	0.49202	0.49202	0.49202	0.27277	0.27277	0.27277
Loss Factor	1.0662	1.0280	1.0033	1.0608	1.0240	1.0036
Rate at Meter - Cents/kWh	0.52460	0.50580	0.49365	0.28936	0.27932	0.27375

Environmental Investment Carrying Cost Rider

	2011 <u>Full Cost</u>	Forecast 2012 <u>MWH</u>	Forecast 2011 <u>MWH</u>	Estimated 2012 <u>Collection</u>
CSP	\$ 21,127,000	17,474,000	18,349,000	\$ 20,120,000
OP	\$ 19,212,000	26,029,500	26,215,000	\$ 19,076,000
AEP Ohio	\$ 40,339,000	43,503,500	44,564,000	\$ 39,196,000

Development of Scalars

Seasonal and On-Peak - Off-Peak

		<u>Summer</u>	<u>Winter</u>	<u>Annual</u>
Off-Peak	Sum of AEP Ohio Load	28,276,905	52,232,029	80,508,934
	Sum of Load*LMP	1,100,344,861	2,049,837,193	3,150,182,054
On-Peak	Sum of AEP Ohio Load	33,236,813	55,691,625	88,928,438
	Sum of Load*LMP	1,995,689,876	2,812,622,094	4,808,311,970
Total Sum of AEP Ohio Load		61,513,718	107,923,654	169,437,372
Total Sum of Load*LMP		3,096,034,737	4,862,459,287	7,958,494,024

Weighted Average LMP

	<u>Summer</u>	<u>Winter</u>	<u>Annual</u>
All Hours	50.33	45.05	46.97
On-Peak Hours	60.04	50.50	54.07
Off-Peak Hours	38.91	39.24	39.13

Scalars

	<u>Summer</u>	<u>Winter</u>	<u>Annual</u>
All Hours	1.07	0.96	1.00
On-Peak Hours	1.28	1.08	1.15
Off-Peak Hours	0.83	0.84	0.83

MARKET PRICES**Flat/High Summer**

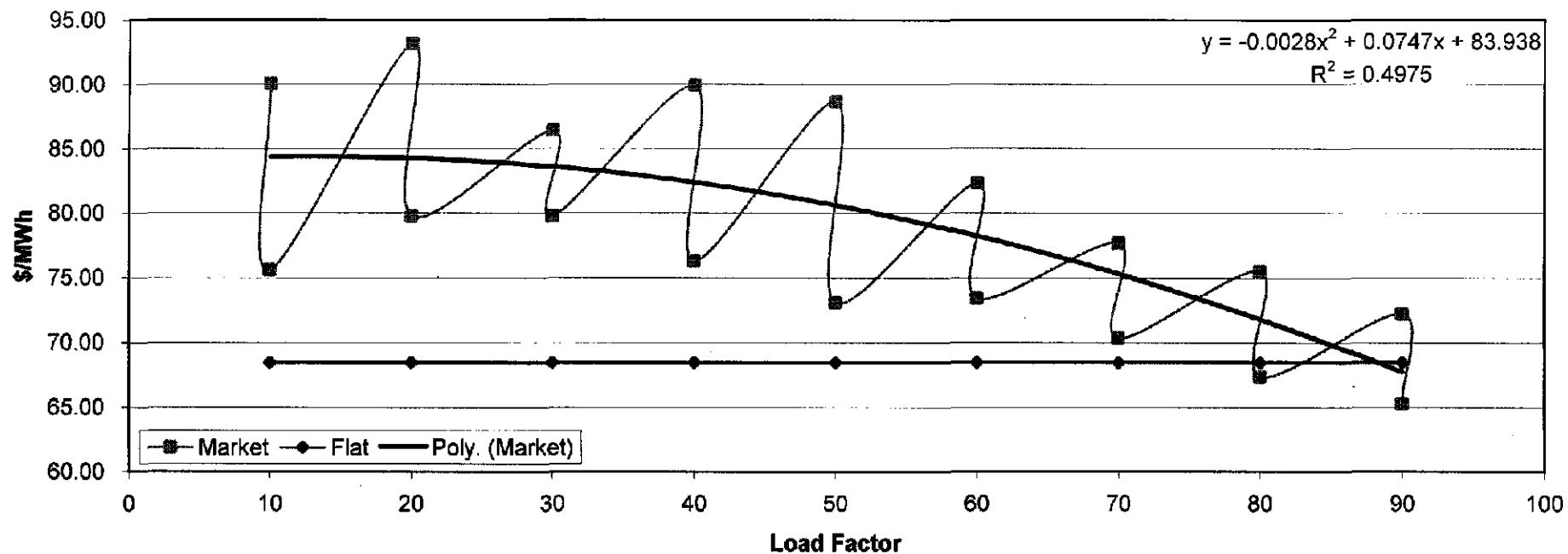
	5-15	15-25	25-35	35-45	45-55	55-65	65-75	75-85	85-95	Block
ATC Simple Swap	40.59	40.59	40.59	40.59	40.59	40.59	40.59	40.59	40.59	40.59
Basis	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
Load Follow Premium	19.32	15.23	7.72	7.49	5.52	4.09	2.62	1.76	1.04	0.00
Retail Administration	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Alt. Energy Req.	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
Ancillaries	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
Losses	3.85	3.59	3.12	3.10	2.98	2.89	2.80	2.74	2.70	2.63
Capacity	19.39	24.37	25.98	29.16	29.92	25.13	22.15	20.91	18.49	15.87
ARR Credit	(4.09)	(1.76)	(1.75)	(1.43)	(1.30)	(1.03)	(0.92)	(0.86)	(0.80)	(0.62)
Transaction Risk Adder	4.29	4.44	4.12	4.28	4.22	3.92	3.70	3.59	3.44	3.26
Total	90.07	93.18	86.50	89.92	88.65	82.31	77.66	75.45	72.17	68.45

High Winter

	5-15	15-25	25-35	35-45	45-55	55-65	65-75	75-85	85-95	Block
ATC Simple Swap	40.59	40.59	40.59	40.59	40.59	40.59	40.59	40.59	40.59	40.59
Basis	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
Load Follow Premium	11.14	8.46	7.15	5.04	3.78	3.01	2.10	1.05	1.02	0.00
Retail Administration	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Alt. Energy Req.	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
Ancillaries	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
Losses	3.33	3.16	3.08	2.95	2.87	2.82	2.76	2.70	2.70	2.63
Capacity	13.62	18.72	19.96	18.61	16.80	17.83	15.68	13.84	12.02	15.87
ARR Credit	(3.42)	(1.71)	(1.55)	(1.26)	(1.18)	(1.06)	(0.86)	(0.78)	(0.87)	(0.62)
Transaction Risk Adder	3.60	3.80	3.80	3.63	3.48	3.50	3.35	3.21	3.11	3.26
Total	75.59	79.75	79.76	76.28	73.05	73.41	70.34	67.32	65.28	68.45

	Residential			GS1			OL	SL
	CSP	OP	AEP Ohio	CSP	OP	AEP Ohio		
ATC Simple Swap	40.59	40.59		40.59	40.59		40.59	40.59
Basis	0.58	0.58		0.58	0.58		0.58	0.58
Load Follow Premium	7.63	6.71		3.87	3.48		(3.15)	(3.04)
Retail Administration	5.00	5.00		5.00	5.00		5.00	5.00
Alt. Energy Req.	0.54	0.54		0.54	0.54		0.54	0.54
Ancillaries	0.60	0.60		0.60	0.60		0.60	0.60
Losses	2.87	3.30		2.65	3.08		2.43	2.44
Capacity	30.92	28.61		24.11	22.50		0.00	0.00
ARR Credit	(1.45)	(1.32)		(1.18)	(1.09)		0.00	0.00
Transaction Risk Adder	4.36	4.23		3.84	3.76		2.33	2.34
Total	91.64	88.84	90.25	80.59	79.04	79.64	48.92	49.05

Load Factor	10	10	20	20	30	30	40	40	50	50	60	60	70	70	80	80	90	90	100
Market	90.07	75.59	93.18	79.75	86.50	79.76	89.92	76.28	88.65	73.05	82.31	73.41	77.66	70.34	75.45	67.32	72.17	65.28	
Flat	68.45	68.45	68.45	68.45	68.45	68.45	68.45	68.45	68.45	68.45	68.45	68.45	68.45	68.45	68.45	68.45	68.45	68.45	68.45



<u>LF</u>	<u>Formula</u>
14	84.43
27	83.86
41	82.23
55	79.53
68	75.77
82	70.94
96	65.06

Derivation of IRP Credit

	<u>CSP FRR</u>	<u>OP FRR</u>	<u>AEP Ohio FRR</u>
Revenue Requirement (\$)	\$415,260,737	\$649,778,730	\$1,065,039,467
5 CP Incl. Losses (MW)	3794.8	4590.8	8385.6
Rate (applicable to load incl. losses) \$/MW-day	299.81	387.78	347.97
Rate (applicable to load excl. losses) \$/MW-day	310.04	401.01	359.84
Rate (applicable to load excl. losses) \$/kW-month	\$ 9.43	\$ 12.20	\$ 10.95
Relationship between 5 CP and Billing Demand	75%	75%	75%
100% of Credit	\$ 7.07	\$ 9.15	\$ 8.21
Minimum 80% Credit	\$ 5.66	\$ 7.32	\$ 6.57

Derivation of SBS Rates

CP Demand Rate \$/kW-month	\$	10.95
Forced Outage Rate: 5%	\$	0.55
10%	\$	1.09
15%	\$	1.64
20%	\$	2.19
25%	\$	2.74
30%	\$	3.28

Backup Energy Rates:

	Summer	Winter
Secondary	\$ 0.01292	\$ 0.01334
Primary	\$ 0.01247	\$ 0.01288
Sub/Trans	\$ 0.01222	\$ 0.01262

Maintenance Energy Rates:

Secondary	\$ 0.01556	\$ 0.01598
Primary	\$ 0.01511	\$ 0.01552
Sub/Trans	\$ 0.01486	\$ 0.01526

AEP Ohio
Summary of Proposed and Previous ESP Rate Increases

Note: Includes Elements from **BOTH** Proposed and Previous ESP

Customer Class	2012	2013	2014	Total Increase	Annual Transition				Unmitigated 2012 Increase	Initial Phase-In Increases				Phase-In Plan			
	% Increase Without Transition Rider	% Increase Without Transition Rider	% Increase Without Transition Rider							2012 Increase	2013 Increase	2014 Increase	Total Increase	2012 Increase	2013 Increase	2014 Increase	Total Increase
CSP																	
RS	8.2%	2.8%	0.0%	11.3%	-1.02	0.56	1.05	1.15%	8.2%	5.9%	3.9%	1.1%	11.3%	6.0%	3.9%	1.0%	11.3%
GS1	(17.3%)	2.3%	0.0%	(15.4%)	-1.02	0.42	1.05	(7.89%)	(17.3%)	(3.1%)	(5.2%)	(7.9%)	(15.4%)	(3.2%)	(5.2%)	(7.8%)	(15.4%)
GS2	(18.5%)	2.7%	0.0%	(16.3%)	-1.02	0.42	1.05	(8.24%)	(18.5%)	(3.5%)	(5.5%)	(8.2%)	(16.3%)	(3.6%)	(5.5%)	(8.2%)	(16.3%)
GS3	(0.5%)	2.7%	0.0%	2.2%	-1.02	0.51	1.05	(1.75%)	(0.5%)	3.0%	1.0%	(1.7%)	2.2%	3.1%	1.0%	(1.8%)	2.2%
GS4/IRP	20.5%	2.8%	0.0%	23.9%	-1.02	0.62	1.05	4.92%	20.5%	9.7%	7.7%	4.9%	23.9%	9.9%	7.7%	4.7%	23.9%
AL	(17.5%)	0.0%	0.0%	(17.4%)	-1.02	0.41	1.05	(8.66%)	(17.5%)	(3.9%)	(5.9%)	(8.7%)	(17.4%)	(4.0%)	(5.9%)	(8.6%)	(17.4%)
SL	(15.3%)	0.1%	0.0%	(15.2%)	-1.02	0.42	1.05	(7.83%)	(15.3%)	(3.1%)	(5.1%)	(7.8%)	(15.2%)	(3.2%)	(5.1%)	(7.8%)	(15.2%)
SBS	8.4%	3.8%	0.0%	12.5%	-1.02	0.56	1.05	1.54%	8.4%	6.3%	4.3%	1.5%	12.5%	6.4%	4.3%	1.4%	12.5%
Total CSP	4.7%	2.7%	0.0%	7.6%	-1.02	0.54	1.05	0.00%	4.7%	4.6%	2.7%	0.0%	7.6%	4.7%	2.7%	0.0%	7.6%
OP																	
RS	11.6%	2.9%	0.0%	14.9%	-1.04	0.57	1.09	0.40%	11.6%	11.0%	3.1%	0.4%	14.9%	11.0%	3.1%	0.3%	14.9%
GS1	(7.0%)	2.2%	0.0%	(5.0%)	-1.04	0.48	1.09	(6.01%)	(7.0%)	4.5%	(3.3%)	(6.0%)	(5.0%)	4.6%	(3.3%)	(6.1%)	(5.0%)
GS2	(0.2%)	2.9%	0.0%	2.7%	-1.04	0.51	1.09	(3.44%)	(0.2%)	7.1%	(0.7%)	(3.4%)	2.7%	7.2%	(0.7%)	(3.5%)	2.7%
GS3	10.8%	2.6%	0.0%	13.7%	-1.04	0.57	1.09	0.04%	10.8%	10.6%	2.8%	0.0%	13.7%	10.7%	2.8%	(0.0%)	13.7%
GS4/IRP	20.8%	2.5%	0.0%	23.8%	-1.04	0.62	1.09	3.06%	20.8%	13.6%	5.8%	3.1%	23.8%	13.7%	5.8%	3.0%	23.8%
EHG	18.2%	2.5%	0.0%	21.2%	-1.04	0.61	1.09	2.30%	18.2%	12.9%	5.0%	2.3%	21.2%	13.0%	5.0%	2.2%	21.2%
EHS	79.1%	3.3%	0.0%	85.1%	-1.04	0.93	1.09	18.45%	79.1%	29.0%	21.2%	18.4%	85.1%	29.2%	21.2%	18.2%	85.1%
SS	8.3%	2.9%	0.0%	11.4%	-1.04	0.56	1.09	(0.67%)	8.3%	9.9%	2.0%	(0.7%)	11.4%	10.0%	2.0%	(0.7%)	11.4%
FL	34.7%	2.4%	0.0%	37.9%	-1.04	0.69	1.09	6.88%	34.7%	17.5%	9.7%	7.0%	37.9%	17.7%	9.7%	6.9%	37.9%
OL	(34.9%)	0.0%	0.0%	(34.9%)	-1.04	0.33	1.09	(17.64%)	(34.9%)	(7.1%)	(14.9%)	(17.6%)	(34.9%)	(7.1%)	(14.9%)	(17.6%)	(34.9%)
SL	(39.2%)	0.1%	0.0%	(39.1%)	-1.04	0.30	1.09	(19.57%)	(39.2%)	(9.0%)	(16.9%)	(19.6%)	(39.1%)	(9.1%)	(16.9%)	(19.5%)	(39.1%)
SBS	46.2%	6.3%	0.0%	55.5%	-1.04	0.78	1.09	11.50%	46.2%	22.1%	14.2%	11.5%	55.5%	22.2%	14.2%	11.3%	55.5%
Total OP	10.6%	2.7%	0.0%	13.6%	-1.04	0.57	1.09	0.00%	10.6%	10.5%	2.7%	0.0%	13.6%	10.6%	2.7%	0.0%	13.6%
AEP Ohio	8.0%	2.7%	0.0%	10.8%	-1.04	0.55	1.07	0.00%	8.0%	7.9%	2.7%	0.0%	10.9%	8.0%	2.7%	0.0%	10.9%

AEP Ohio
Summary of Previous and Proposed ESP Rate Increases excluding Market Transition Rider

		January 2011 Billed Rates					January 2012 Rates						January 2013 Rates					
		Gen.	Trans.	Dist.	POLR	Total	Gen.	Current Trans.	Current Dist.	POLR	FAC Deferral	Total	Gen.	Current Trans.	Current Dist.	POLR	FAC Deferral	Total
CSP																		
RS		5.66	0.82	4.00	0.57	11.05	6.57	0.82	4.00	0.28	0.29	11.97	6.91	0.82	4.00	0.28	0.29	12.30
GS1		8.04	0.70	3.63	0.49	12.86	5.73	0.70	3.63	0.28	0.29	10.63	5.98	0.70	3.63	0.28	0.29	10.88
GS2		8.08	0.75	2.41	0.50	11.74	5.83	0.75	2.41	0.28	0.29	9.56	6.09	0.75	2.41	0.28	0.29	9.82
GS3		5.64	0.58	1.59	0.39	8.20	5.42	0.58	1.59	0.28	0.29	8.16	5.64	0.58	1.59	0.28	0.29	8.38
GS4/IRP		4.06	0.70	0.28	0.33	5.36	4.92	0.70	0.28	0.28	0.27	6.46	5.11	0.70	0.28	0.28	0.27	6.64
AL		7.60	0.22	13.66	0.16	21.65	3.41	0.22	13.66	0.28	0.29	17.87	3.42	0.22	13.66	0.28	0.29	17.88
SL		5.89	0.22	7.38	0.19	13.68	3.42	0.22	7.38	0.28	0.29	11.59	3.42	0.22	7.38	0.28	0.29	11.60
SBS		5.98	1.72	0.34	0.40	8.45	6.53	1.72	0.34	0.28	0.27	9.15	6.89	1.72	0.34	0.28	0.27	9.51
Subtotal		5.50	0.72	2.46	0.46	9.14	5.83	0.72	2.46	0.28	0.28	9.58	6.09	0.72	2.46	0.28	0.28	9.84
OP																		
RS		5.70	0.85	3.41	0.23	10.19	6.54	0.85	3.41	0.28	0.29	11.37	6.87	0.85	3.41	0.28	0.29	11.71
GS1		6.86	0.70	4.04	0.26	11.86	5.71	0.70	4.04	0.28	0.29	11.03	5.96	0.70	4.04	0.28	0.29	11.27
GS2		6.16	0.60	2.10	0.27	9.13	5.84	0.60	2.10	0.28	0.29	9.11	6.10	0.60	2.10	0.28	0.29	9.37
GS3		4.90	0.59	1.49	0.19	7.17	5.30	0.59	1.49	0.28	0.28	7.94	5.51	0.59	1.49	0.28	0.28	8.15
GS4/IRP		3.98	0.56	0.25	0.16	4.95	4.61	0.56	0.25	0.28	0.27	5.98	4.76	0.56	0.25	0.28	0.27	6.13
EHG		4.58	1.03	2.81	0.29	8.71	5.88	1.03	2.81	0.28	0.29	10.30	6.15	1.03	2.81	0.28	0.29	10.56
EHS		2.61	0.65	0.81	0.37	4.44	5.92	0.65	0.81	0.28	0.29	7.95	6.18	0.65	0.81	0.28	0.29	8.22
SS		5.49	0.65	2.15	0.29	8.58	5.92	0.65	2.15	0.28	0.29	9.29	6.18	0.65	2.15	0.28	0.29	9.56
FL		3.44	0.60	2.71	0.27	7.02	5.57	0.60	2.71	0.28	0.29	9.45	5.80	0.60	2.71	0.28	0.29	9.68
OL		11.68	0.27	10.19	0.06	22.19	3.41	0.27	10.19	0.28	0.29	14.44	3.42	0.27	10.19	0.28	0.29	14.45
SL		11.52	0.27	7.51	0.06	19.36	3.42	0.27	7.51	0.28	0.29	11.78	3.42	0.27	7.51	0.28	0.29	11.78
SBS		50.25	19.77	41.27	0.19	111.48	101.40	19.77	41.27	0.28	0.27	163.00	111.71	19.77	41.27	0.28	0.27	173.31
Subtotal		5.05	0.65	1.77	0.20	7.68	5.49	0.65	1.77	0.28	0.28	8.49	5.72	0.65	1.77	0.28	0.28	8.72
AEP Ohio		5.23	0.68	2.05	0.31	8.27	5.63	0.68	2.05	0.28	0.28	8.93	5.87	0.68	2.05	0.28	0.28	9.17

2010 TCRR Filing - Excluding Prior Year Under/(Over) Collection

Columbus Southern Power Company

Class	kWh	Full TCRR	Cents/kWh	Basic Transmission	Difference \$	Cents/kWh	
Residential	7,495,494,000	61,614,559.13	0.82202	45,016,936.93	16,597,622.20	0.22143	
Commercial	8,762,683,000	55,052,435.51	0.62826	34,223,789.85	20,828,645.66	0.23770	0.23774
Industrial	3,429,536,000	24,026,506.82	0.70058	16,887,074.03	7,139,432.79	0.20817	0.20175
Joint Service Territory	1,272,000,000	7,299,339.49	0.57385	4,953,389.89	2,345,949.60	0.18443	
Other	54,685,000	186,345.53	0.34076	52,924.40	133,421.13	0.24398	
Total	21,014,398,000	148,179,186.49	0.70513	101,134,115.10	47,045,071.38	0.22387	
RS	7,483,861,009	61,588,434.17	0.82295	45,016,920.74	16,571,513.43	0.22143	
GS1	366,779,994	2,557,556.90	0.6973	1,441,408.70	1,116,148.20	0.30431	
GS2 Sec	1,699,313,197	12,610,613.50	0.7421	7,514,543.15	5,096,070.35	0.29989	
GS2-TOD/LM *	13,905,374	103,945.45	0.74752	62,244.63	41,700.83	0.29989	
GS2 Pri	65,097,383	567,174.07	0.87127	378,313.54	188,860.53	0.29012	
GS3 Sec	4,797,522,054	29,366,782.31	0.61212	18,458,656.42	10,908,125.89	0.22737	
GS3-TOD/LM	5,924,388	35,062.90	0.59184	21,592.62	13,470.28	0.22737	
GS3 Pri	2,617,306,301	14,017,023.08	0.53555	8,259,996.14	5,757,026.94	0.21996	
GS4/IRP	3,863,836,016	27,087,662.01	0.70106	19,961,589.25	7,126,072.76	0.18443	
SL	41,471,266	93,007.61	0.22427	0.00	93,007.61	0.22427	
AL	58,127,884	130,363.41	0.22427	0.00	130,363.41	0.22427	
SBS-Sub/Tran-Backup	1,253,134	21,561.07	1.72057	18,849.92	2,711.16	0.21635	
Total	21,014,398,000	148,179,186.49	0.70513	101,134,115.10	47,045,071.38	0.22387	

Ohio Power Company

Class	kWh	Full TCRR	Cents/kWh	Basic Transmission	Difference \$	Cents/kWh	
Residential	7,408,352,000	62,537,470.40	0.84415	46,257,559.62	16,279,910.78	0.21975	
Commercial	5,954,228,000	35,799,864.91	0.60125	22,715,906.34	13,083,958.57	0.21974	0.22033
Industrial	11,434,366,000	67,415,204.77	0.58958	44,565,976.71	22,849,228.05	0.19983	0.19928
Joint Service Territory	1,272,000,000	5,645,431.74	0.44382	3,173,045.34	2,472,386.40	0.19437	
Other	77,929,000	251,263.86	0.32243	43,394.51	207,869.36	0.26674	
Munis	7,009,000	41,947.04	0.59847	27,801.86	14,145.18	0.20181	
Total	26,153,884,000	171,691,182.71	0.65647	116,783,684.37	54,907,498.34	0.20994	
RS	7,394,120,528	62,498,803.77	0.84525	46,257,618.03	16,241,185.74	0.21965	
GS1	428,415,710	2,985,072.14	0.69677	1,981,122.77	1,003,949.37	0.23434	
GS2 Sec	2,764,242,470	16,680,452.36	0.60344	10,188,076.07	6,492,376.29	0.23487	
GS2 RL - GS - TOD	135,793,528	818,237.49	0.60256	499,299.22	318,938.26	0.23487	
GS2 Pri	377,937,534	2,289,539.83	0.6058	1,433,700.28	855,839.55	0.22645	
GS2 Sub/Trans	287,600,981	1,536,254.33	0.53416	900,656.17	635,598.17	0.22100	
GS3 Sec	2,882,203,645	17,700,592.17	0.61413	11,722,613.59	5,977,978.58	0.20741	
GS3 Pri	2,671,893,710	15,360,966.47	0.57491	10,017,980.62	5,342,985.85	0.19997	
GS3 Sub/Trans	973,287,263	5,666,749.34	0.58223	3,767,281.92	1,899,467.42	0.19516	
GS4 Pri	263,384,344	1,543,801.00	0.58614	1,019,244.74	524,556.26	0.19916	
GS4/IRP Sub/Trans	7,761,475,290	43,536,185.17	0.56093	28,450,205.65	15,085,979.52	0.19437	
EHG	28,219,862	292,019.13	1.0348	238,088.15	53,930.98	0.19111	
SS	55,039,508	359,430.00	0.65304	238,695.34	120,734.66	0.21936	
EHS	427,477	2,791.80	0.65304	1,853.88	937.71	0.21936	
OL	62,158,840	169,127.99	0.27209	0.00	169,127.99	0.27209	
SL	67,339,703	183,224.60	0.27209	0.00	183,224.60	0.27209	
SBS-Sub/Tran-Backup	343,607	67,935.32	19.77125	67,247.94	687.39	0.20005	
Total	26,153,884,000	171,691,182.71	0.65647	116,783,684.37	54,907,498.34	0.20994	

AEP Ohio

RS	14,877,981,537	124,087,237.94	0.83403	91,274,538.77	32,812,699.17	0.22055	
GS1	795,195,704	5,542,629.04	0.69701	3,422,531.47	2,120,097.57	0.26661	
Demand Metered	31,266,007,066	189,664,778.62	0.60662	123,220,729.24	66,444,049.37	0.21251	
OL	120,286,724	299,491.39	0.24898	0.00	299,491.39	0.24898	
SL	108,810,969	276,232.21	0.25386	0.00	276,232.21	0.25386	
Total	47,168,282,000	319,870,369.20	0.67815	217,917,799.48	101,952,569.72	0.21615	
Residential	14,903,846,000	124,152,029.53	0.83302	91,274,496.54	32,877,532.99	0.22060	
Commercial	14,856,534,000	91,331,856.85	0.61476	57,063,816.96	34,268,039.89	0.23066	
Industrial	17,407,902,000	104,386,482.81	0.59965	69,579,485.97	34,806,996.84	0.19995	
Total	47,168,282,000	319,870,369.20	0.67815	217,917,799.48	101,952,569.72	0.21615	

Distribution Rate Information

Columbus Southern Power Company

Current \$ / KWh

R-R	Residential Service	0.03902
R-R-1	Residential - Small Use Load Management Service	0.04621
RLM	Residential - Optional Demand Service	0.01958
RS-TOD	Residential - Time of Day Service	0.03911
RS-ES	Residential - Energy Storage	0.04706
GS-1	General Service - Small	0.03737
GS-1	General Service - Small - Optional Unmetered Service	0.02506
GS-2	General Service - Low Load Factor - Secondary Voltage	0.02407
GS-2	General Service - Low Load Factor - Primary Voltage	0.02476
GS-2	GS-2 Load Management Time-of-Day Provision	0.02000
GS-2-TOD	General Service - Time-of-Day	0.02212
GS-3	General Service - Medium Load Factor - Secondary Voltage	0.01769
GS-3	General Service - Medium Load Factor - Primary Voltage	0.01329
GS-3	GS-3 Load Management Time-of-Day Provision	0.01021
GS-4 / IRP-D	General Service - Large / Interruptible Power - Discretionary	0.00277
AL	Area Lighting	0.13663
SL	Street Lighting	0.07378
SBS	Standby Service	0.00343
	Total CSP	0.02460

Ohio Power Company

RS	Residential Service	0.03413
RS-TOD	Residential - Time of Day Service	0.02685
GS-1	General Service - Non-Demand Metered	0.04054
GS-1	GS-1 On-Peak	0.01393
GS-1	General Service - Non-Demand Unmetered	0.03509
GS-2	General Service - Low Load Factor - Secondary Voltage	0.02248
GS-2	General Service - Low Load Factor - Primary Voltage	0.01748
GS-2	General Service - Low Load Factor - Subtransmission Voltage	0.01483
GS-2	General Service - Low Load Factor - Transmission Voltage	0.01131
GS-2	GS-2 Energy Storage Provision	0.01252
GS-2	GS-2 Recreational Lighting	0.03132
GS	General Service - Time-of-Day	0.01921
GS-3	General Service - Medium/High Load Factor - Secondary Voltage	0.01683
GS-3	General Service - Medium/High Load Factor - Primary Voltage	0.01359
GS-3	General Service - Medium/High Load Factor - Subtransmission Voltage	0.01300
GS-3	General Service - Medium/High Load Factor - Transmission Voltage	0.00949
GS-4 / IRP-D	General Service - Large / Interruptible Power - Discretionary - Primary Voltage	0.00645
GS-4 / IRP-D	General Service - Large / Interruptible Power - Discretionary - Subtransmission Voltage	0.00416
GS-4 / IRP-D	General Service - Large / Interruptible Power - Discretionary - Transmission Voltage	0.00164
EHG	Electric Heating General	0.02808
EHS	Electric Heating Schools	0.00807
SS	School Service	0.02149
FL	Flood Pumping	0.02709
OL	Outdoor Lighting	0.10187
SL	Street Lighting	0.07513
SBS	Standby Service	0.41271
	Total OP	0.01773

Date	Year	Month	Day	DAY	EST Hour	DST Hour	Weekend	Holiday	Hours	GSP Load	OP Load	Season	Off-Peak	AEP Ohio Load	AEP Zonal LMP	Load*LMP
6/1/2007	2007	6	1	Friday	1	2			Off-Peak	2,516	3,416	Summer	Off-Peak	5,932	23.69	\$ 140,526
6/1/2007	2007	6	1	Friday	2	3			Off-Peak	2,414	3,298	Summer	Off-Peak	5,712	16.14	\$ 92,214
6/1/2007	2007	6	1	Friday	3	4			Off-Peak	2,329	3,314	Summer	Off-Peak	5,643	26.62	\$ 150,225
6/1/2007	2007	6	1	Friday	4	5			Off-Peak	2,314	3,310	Summer	Off-Peak	5,624	15.72	\$ 88,385
6/1/2007	2007	6	1	Friday	5	6			Off-Peak	2,401	3,369	Summer	Off-Peak	5,770	21.34	\$ 123,125
6/1/2007	2007	6	1	Friday	6	7			Off-Peak	2,568	3,532	Summer	Off-Peak	6,100	28.48	\$ 173,703
6/1/2007	2007	6	1	Friday	7	8				2,800	3,713	Summer	On-Peak	6,513	35.97	\$ 234,298
6/1/2007	2007	6	1	Friday	8	9				2,968	3,943	Summer	On-Peak	6,911	27.21	\$ 188,075
6/1/2007	2007	6	1	Friday	9	10				3,187	4,044	Summer	On-Peak	7,231	41.73	\$ 301,746
6/1/2007	2007	6	1	Friday	10	11				3,416	4,311	Summer	On-Peak	7,727	56.84	\$ 439,208
6/1/2007	2007	6	1	Friday	11	12				3,579	4,415	Summer	On-Peak	7,994	80.46	\$ 643,208
6/1/2007	2007	6	1	Friday	12	13				3,701	4,574	Summer	On-Peak	8,275	94.18	\$ 779,377
6/1/2007	2007	6	1	Friday	13	14				3,701	4,650	Summer	On-Peak	8,351	91.74	\$ 765,160
6/1/2007	2007	6	1	Friday	14	15				3,666	4,651	Summer	On-Peak	8,317	91.37	\$ 759,958
6/1/2007	2007	6	1	Friday	15	16				3,735	4,619	Summer	On-Peak	8,354	97.75	\$ 816,582
6/1/2007	2007	6	1	Friday	16	17				3,777	4,490	Summer	On-Peak	8,267	97.47	\$ 805,813
6/1/2007	2007	6	1	Friday	17	18				3,742	4,375	Summer	On-Peak	8,117	97.86	\$ 794,294
6/1/2007	2007	6	1	Friday	18	19				3,653	4,289	Summer	On-Peak	7,942	69.39	\$ 551,103
6/1/2007	2007	6	1	Friday	19	20				3,542	4,135	Summer	On-Peak	7,677	78.46	\$ 602,335
6/1/2007	2007	6	1	Friday	20	21				3,416	4,095	Summer	On-Peak	7,511	82.28	\$ 618,022
6/1/2007	2007	6	1	Friday	21	22			Off-Peak	3,387	4,140	Summer	Off-Peak	7,527	32.15	\$ 241,959
6/1/2007	2007	6	1	Friday	22	23			Off-Peak	3,181	3,879	Summer	Off-Peak	7,060	56.62	\$ 399,762
6/1/2007	2007	6	1	Friday	23	24			Off-Peak	2,867	3,546	Summer	Off-Peak	6,433	60.73	\$ 390,658
6/1/2007	2007	6	1	Friday	24	1			Off-Peak	2,624	3,305	Summer	Off-Peak	5,929	46.15	\$ 273,612
6/30/2010	2010	6	30	Wednesday	1	2			Off-Peak	1,998	3,015	Summer	Off-Peak	5,013	32.99	\$ 165,379
6/30/2010	2010	6	30	Wednesday	2	3			Off-Peak	1,920	2,941	Summer	Off-Peak	4,861	32.26	\$ 156,816
6/30/2010	2010	6	30	Wednesday	3	4			Off-Peak	1,866	2,937	Summer	Off-Peak	4,803	29.81	\$ 143,177
6/30/2010	2010	6	30	Wednesday	4	5			Off-Peak	1,879	2,930	Summer	Off-Peak	4,809	26.14	\$ 125,707
6/30/2010	2010	6	30	Wednesday	5	6			Off-Peak	1,936	3,024	Summer	Off-Peak	4,960	26.82	\$ 133,027
6/30/2010	2010	6	30	Wednesday	6	7			Off-Peak	2,037	3,133	Summer	Off-Peak	5,170	25.34	\$ 131,008
6/30/2010	2010	6	30	Wednesday	7	8				2,185	3,273	Summer	On-Peak	5,458	30.48	\$ 166,360
6/30/2010	2010	6	30	Wednesday	8	9				2,327	3,330	Summer	On-Peak	5,657	29.17	\$ 165,015
6/30/2010	2010	6	30	Wednesday	9	10				2,427	3,509	Summer	On-Peak	5,936	33.05	\$ 196,185
6/30/2010	2010	6	30	Wednesday	10	11				2,546	3,585	Summer	On-Peak	6,131	32.87	\$ 201,526
6/30/2010	2010	6	30	Wednesday	11	12				2,648	3,615	Summer	On-Peak	6,263	37.35	\$ 233,923
6/30/2010	2010	6	30	Wednesday	12	13				2,690	3,647	Summer	On-Peak	6,337	40.18	\$ 254,621
6/30/2010	2010	6	30	Wednesday	13	14				2,755	3,710	Summer	On-Peak	6,465	37.12	\$ 239,981
6/30/2010	2010	6	30	Wednesday	14	15				2,801	3,766	Summer	On-Peak	6,567	37.45	\$ 245,934
6/30/2010	2010	6	30	Wednesday	15	16				2,853	3,715	Summer	On-Peak	6,568	40.46	\$ 265,741
6/30/2010	2010	6	30	Wednesday	16	17				2,889	3,741	Summer	On-Peak	6,630	41.11	\$ 272,559
6/30/2010	2010	6	30	Wednesday	17	18				2,905	3,672	Summer	On-Peak	6,577	41.66	\$ 273,998
6/30/2010	2010	6	30	Wednesday	18	19				2,858	3,581	Summer	On-Peak	6,439	42.36	\$ 272,756
6/30/2010	2010	6	30	Wednesday	19	20				2,765	3,559	Summer	On-Peak	6,324	40.48	\$ 255,996
6/30/2010	2010	6	30	Wednesday	20	21				2,664	3,452	Summer	On-Peak	6,116	40.46	\$ 247,453
6/30/2010	2010	6	30	Wednesday	21	22			Off-Peak	2,632	3,468	Summer	Off-Peak	6,100	37.59	\$ 229,299
6/30/2010	2010	6	30	Wednesday	22	23			Off-Peak	2,495	3,401	Summer	Off-Peak	5,896	35.59	\$ 209,839
6/30/2010	2010	6	30	Wednesday	23	24			Off-Peak	2,256	3,181	Summer	Off-Peak	5,437	32.63	\$ 177,409
6/30/2010	2010	6	30	Wednesday	24	1			Off-Peak	2,066	2,969	Summer	Off-Peak	5,035	28.88	\$ 145,411

Market Comparable Generation Prices

	Energy	Current	2012 Proposed	Energy	Current	2013-May 2014 Proposed	Energy	Current	2012-May 2014 Proposed
CSP	17,474,000,002	\$353,167,957	\$424,169,752	24,435,300,000	\$492,011,772	\$658,908,517	41,909,300,002	\$845,179,729	\$1,083,078,269
OP	26,029,500,007	\$561,129,845	\$555,356,582	36,566,000,000	\$784,643,158	\$861,750,932	62,595,500,007	\$1,345,773,003	\$1,417,107,514
AEP Ohio	43,503,500,009	\$914,297,802	\$979,526,334	61,001,300,000	\$1,276,654,930	\$1,520,659,449	104,504,800,009	\$2,190,952,732	\$2,500,185,783
<u>Tariff Generation Prices</u>									
CSP		\$20.21	\$24.27		\$20.14	\$26.97		\$20.17	\$25.84
OP		\$21.56	\$21.34		\$21.46	\$23.57		\$21.50	\$22.64
AEP Ohio		\$21.02	\$22.52		\$20.93	\$24.93		\$20.97	\$23.92
<u>Transmission Adjustment</u>									
CSP		\$2.20	\$2.20		\$2.20	\$2.20		\$2.20	\$2.20
OP		\$2.10	\$2.10		\$2.09	\$2.09		\$2.09	\$2.09
AEP Ohio		\$2.14	\$2.14		\$2.14	\$2.14		\$2.14	\$2.14
<u>Market Comparable Base G</u>									
CSP		\$22.41	\$26.48		\$22.34	\$29.17		\$22.37	\$28.05
OP		\$23.65	\$23.43		\$23.55	\$25.66		\$23.59	\$24.73
AEP Ohio		\$23.16	\$24.65		\$23.06	\$27.06		\$23.10	\$26.06
<u>2011 Environmental Costs</u>									
CSP		\$1.15	\$0.97		\$1.15	\$0.97		\$1.15	\$0.97
OP		\$0.73	\$0.85		\$0.73	\$0.85		\$0.73	\$0.85
AEP Ohio		\$0.90	\$0.90		\$0.90	\$0.90		\$0.90	\$0.90
<u>2011 Fuel Costs</u>									
CSP		\$35.92	\$33.04		\$35.92	\$33.04		\$35.92	\$33.04
OP		\$30.81	\$32.75		\$30.80	\$32.73		\$30.80	\$32.74
AEP Ohio		\$32.86	\$32.86		\$32.85	\$32.85		\$32.85	\$32.86
<u>Market Comparable Total G</u>									
CSP		\$59.49	\$60.49		\$59.40	\$63.18		\$59.44	\$62.06
OP		\$55.20	\$57.03		\$55.08	\$59.24		\$55.13	\$58.32
AEP Ohio		\$56.92	\$58.42		\$56.81	\$60.82		\$56.86	\$59.82

Market Comparable Generation Prices - January 2012 through May 2014

	Energy	Current	Proposed	Revenue Class kWh			Current Revenue			Proposed Revenue		
				R	C	I	R	C	I	R	C	I
CSP	41,909,300,002	\$845,179,729	\$1,083,078,269	18,124,300,002	11,878,700,005	11,906,299,995	\$364,788,739	\$308,629,586	\$171,761,403	\$595,046,684	\$280,290,597	\$227,740,988
OP	62,595,500,007	\$1,345,773,003	\$1,417,107,514	17,687,099,998	12,587,800,007	32,320,800,002	\$428,200,054	\$334,039,490	\$583,533,459	\$575,344,829	\$289,300,895	\$552,461,990
AEP Ohio	104,504,800,009	\$2,190,952,732	\$2,500,185,783	35,811,400,000	24,466,300,012	44,227,099,997	\$792,988,793	\$642,669,077	\$755,294,862	\$1,170,391,512	\$549,591,292	\$780,202,978
<u>Tariff Generation Prices</u>												
CSP		\$20.17	\$25.84				\$20.13	\$25.98	\$14.43	\$32.83	\$21.91	\$19.13
OP		\$21.50	\$22.64				\$24.21	\$26.54	\$18.05	\$32.53	\$22.98	\$17.09
AEP Ohio		\$20.97	\$23.92				\$22.14	\$26.27	\$17.08	\$32.68	\$22.46	\$17.64
<u>Transmission Adjustment</u>												
CSP		\$2.20	\$2.20				\$2.21	\$2.38	\$2.01	\$2.21	\$2.38	\$2.01
OP		\$2.09	\$2.09				\$2.20	\$2.20	\$1.99	\$2.20	\$2.20	\$1.99
AEP Ohio		\$2.14	\$2.14				\$2.21	\$2.29	\$2.00	\$2.21	\$2.29	\$2.00
<u>Market Comparable Base G</u>												
CSP		\$22.37	\$28.05				\$22.34	\$28.36	\$16.44	\$35.05	\$24.29	\$21.14
OP		\$23.59	\$24.73				\$26.41	\$28.74	\$20.05	\$34.73	\$25.19	\$19.09
AEP Ohio		\$23.10	\$26.06				\$24.35	\$28.56	\$19.08	\$34.89	\$24.75	\$19.64
<u>2011 Environmental Costs</u>												
CSP		\$1.15	\$0.97				\$1.15	\$1.48	\$0.82	\$1.24	\$0.83	\$0.72
OP		\$0.73	\$0.85				\$0.82	\$0.90	\$0.61	\$1.22	\$0.87	\$0.64
AEP Ohio		\$0.90	\$0.90				\$0.99	\$1.18	\$0.67	\$1.23	\$0.85	\$0.66
<u>2011 Fuel Costs</u>												
CSP		\$35.92	\$33.04				\$36.45	\$36.04	\$34.99	\$33.56	\$33.15	\$32.13
OP		\$30.80	\$32.74				\$31.64	\$31.46	\$30.09	\$33.56	\$33.37	\$32.04
AEP Ohio		\$32.85	\$32.86				\$34.07	\$33.68	\$31.41	\$33.56	\$33.27	\$32.07
<u>Market Comparable Total G</u>												
CSP		\$59.44	\$62.06				\$59.94	\$65.88	\$52.25	\$69.84	\$58.27	\$53.99
OP		\$55.13	\$58.32				\$58.87	\$61.10	\$50.75	\$69.51	\$59.43	\$51.77
AEP Ohio		\$56.86	\$59.82				\$59.41	\$63.42	\$51.15	\$69.67	\$58.87	\$52.37

Market Comparable Generation Prices - January 2013 through May 2014

	Energy	Current	Proposed	Revenue Class kWh			Current Revenue			Proposed Revenue		
				R	C	I	R	C	I	R	C	I
CSP	24,435,300,000	\$492,011,772	\$658,908,517	10,642,200,000	6,822,200,000	6,970,900,000	\$214,196,119	\$177,252,794	\$100,562,859	\$364,018,546	\$155,949,007	\$138,940,964
OP	36,566,000,000	\$784,643,158	\$861,750,932	10,337,700,000	7,171,400,000	19,056,900,000	\$250,273,007	\$190,308,780	\$344,061,371	\$350,442,484	\$172,021,215	\$339,287,233
AEP Ohio	61,001,300,000	\$1,276,654,930	\$1,520,659,449	20,979,900,000	13,993,600,000	26,027,800,000	\$464,469,126	\$367,561,574	\$444,624,230	\$714,461,030	\$327,970,222	\$478,228,197
<u>Tariff Generation Prices</u>												
CSP		\$23.14	\$26.97				\$20.13	\$25.98	\$14.43	\$34.21	\$22.86	\$19.93
OP		\$21.46	\$23.57				\$24.21	\$26.54	\$18.05	\$33.90	\$23.99	\$17.80
AEP Ohio		\$20.93	\$24.93				\$22.14	\$26.27	\$17.08	\$34.05	\$23.44	\$18.37
<u>Transmission Adjustment</u>												
CSP		\$2.20	\$2.20				\$2.21	\$2.38	\$2.01	\$2.21	\$2.38	\$2.01
OP		\$2.09	\$2.09				\$2.20	\$2.20	\$1.99	\$2.20	\$2.20	\$1.99
AEP Ohio		\$2.14	\$2.14				\$2.21	\$2.29	\$2.00	\$2.21	\$2.29	\$2.00
<u>Market Comparable Base G</u>												
CSP		\$22.34	\$29.17				\$22.34	\$28.36	\$16.44	\$36.42	\$25.24	\$21.94
OP		\$23.66	\$25.66				\$26.41	\$28.74	\$20.05	\$36.10	\$26.19	\$19.80
AEP Ohio		\$23.06	\$27.06				\$24.34	\$26.56	\$19.06	\$36.28	\$25.73	\$20.37
<u>2011 Environmental Costs</u>												
CSP		\$1.15	\$0.97				\$1.15	\$1.48	\$0.82	\$1.24	\$0.83	\$0.72
OP		\$0.73	\$0.85				\$0.82	\$0.90	\$0.61	\$1.22	\$0.87	\$0.64
AEP Ohio		\$0.90	\$0.90				\$0.89	\$1.18	\$0.67	\$1.23	\$0.85	\$0.66
<u>2011 Fuel Costs</u>												
CSP		\$35.92	\$33.04				\$36.45	\$36.04	\$34.99	\$33.56	\$33.15	\$32.13
OP		\$30.80	\$32.73				\$31.64	\$31.46	\$30.09	\$33.56	\$33.37	\$32.04
AEP Ohio		\$32.85	\$32.85				\$34.08	\$33.69	\$31.40	\$33.56	\$33.27	\$32.07
<u>Market Comparable Total G</u>												
CSP		\$59.40	\$63.18				\$59.94	\$65.88	\$52.25	\$71.21	\$59.22	\$54.80
OP		\$55.09	\$59.24				\$56.87	\$61.10	\$50.75	\$70.88	\$60.43	\$52.48
AEP Ohio		\$56.81	\$60.82				\$59.41	\$63.43	\$51.15	\$71.05	\$60.84	\$53.10

Market Comparable Generation Prices - 2012

	Energy	Current	Proposed	Revenue Class kWh			Current Revenue			Proposed Revenue		
				R	C	I	R	C	I	R	C	I
CSP	17,474,000,002	\$353,167,957	\$424,169,752	7,482,100,002	5,056,500,005	4,935,399,995	\$150,592,620	\$131,376,792	\$71,198,544	\$231,028,138	\$104,341,590	\$88,800,024
OP	26,029,500,007	\$561,129,845	\$555,358,582	7,349,399,998	5,416,200,007	13,283,900,002	\$177,927,047	\$143,730,710	\$239,472,088	\$224,902,345	\$117,279,480	\$213,174,757
AEP Ohio	43,503,500,009	\$914,297,802	\$979,528,334	14,831,500,000	10,472,700,012	18,199,299,997	\$328,519,667	\$275,107,503	\$310,670,632	\$455,930,482	\$221,621,070	\$301,974,781

Tariff Generation Prices

CSP	\$20.21	\$24.27	\$20.13	\$25.98	\$14.43	\$30.88	\$20.64	\$17.99
OP	\$21.56	\$21.34	\$24.21	\$26.54	\$18.05	\$30.60	\$21.65	\$18.07
AEP Ohio	\$21.02	\$22.52	\$22.15	\$26.27	\$17.07	\$30.74	\$21.16	\$16.59

Transmission Adjustment

CSP	\$2.20	\$2.20	\$2.21	\$2.38	\$2.01	\$2.21	\$2.38	\$2.01
OP	\$2.10	\$2.10	\$2.20	\$2.20	\$1.99	\$2.20	\$2.20	\$1.99
AEP Ohio	\$2.14	\$2.14	\$2.21	\$2.29	\$2.00	\$2.21	\$2.29	\$2.00

Market Comparable Base G

CSP	\$22.41	\$26.48	\$22.34	\$28.36	\$16.44	\$33.09	\$23.01	\$20.00
OP	\$23.65	\$23.43	\$26.41	\$28.74	\$20.05	\$32.80	\$23.88	\$18.07
AEP Ohio	\$23.16	\$24.65	\$24.36	\$28.56	\$19.07	\$32.95	\$23.45	\$18.58

2011 Environmental Costs

CSP	\$1.15	\$0.97	\$1.15	\$1.48	\$0.82	\$1.24	\$0.83	\$0.72
OP	\$0.73	\$0.85	\$0.82	\$0.90	\$0.61	\$1.22	\$0.87	\$0.64
AEP Ohio	\$0.90	\$0.90	\$0.99	\$1.18	\$0.67	\$1.23	\$0.85	\$0.66

2011 Fuel Costs

CSP	\$35.92	\$33.04	\$36.45	\$36.04	\$34.99	\$33.56	\$33.15	\$32.13
OP	\$30.81	\$32.75	\$31.64	\$31.46	\$30.09	\$33.56	\$33.37	\$32.04
AEP Ohio	\$32.86	\$32.86	\$34.07	\$33.67	\$31.42	\$33.56	\$33.27	\$32.07

Market Comparable Total G

CSP	\$59.49	\$60.49	\$59.94	\$65.88	\$52.25	\$67.55	\$55.99	\$52.56
OP	\$55.20	\$57.03	\$58.87	\$61.10	\$50.75	\$67.68	\$58.10	\$50.76
AEP Ohio	\$58.92	\$58.42	\$59.41	\$63.41	\$51.16	\$67.73	\$57.56	\$51.32

COLUMBUS SOUTHERN POWER COMPANY
Case No. 10-XXX-EL-SSO
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 0 MOS Actual & 12 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s):

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Witness Responsible:

Current Base Rates, 2011 Full Cost Fuel & Environmental													
Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW/ KWH (D)	Base Generation Revenues (E)	Fuel Adjustment Rider (F)	Environmental Investment Carrying Cost Rider (G)	Total Current Generation Revenue (H)	Current Generation Rate (I)	Current POLR Rate (J)	Current Transmission Rate (K)	Current Distribution Rate (L)	Current Total Rate (M)
1	R-R	Residential Service	5,858,596	6,450,903,847	\$132,159,493	\$235,139,961	\$7,529,140	\$374,828,593	\$0.05810	\$0.00570	\$0.00823	\$0.03802	\$0.11105
2													
3	R-R-1	Residential - Small Use Load Management Service	2,230,183	1,013,801,138	\$17,998,387	\$38,946,471	\$1,025,370	\$55,970,228	\$0.05522	\$0.00570	\$0.00823	\$0.04821	\$0.11535
4													
5	RLM	Residential - Optional Demand Service	850	6,224,284	\$105,793	\$226,880	\$6,027	\$338,898	\$0.05442	\$0.00570	\$0.00823	\$0.01958	\$0.08792
6													
7	RS-TOD	Residential - Time of Day Service	78	63,295	\$1,268	\$2,307	\$72	\$3,638	\$0.05748	\$0.00570	\$0.00823	\$0.03911	\$0.11062
8													
9	RS-ES	Residential - Energy Storage	24	16,676	\$377	\$608	\$21	\$1,007	\$0.06036	\$0.00570	\$0.00823	\$0.04705	\$0.12134
10													
11	GS-1	General Service - Small	511,842	205,665,780	\$9,606,529	\$7,496,287	\$558,679	\$17,861,505	\$0.08685	\$0.00490	\$0.00697	\$0.03737	\$0.13609
12													
13	GS-1	General Service - Small - Optional Unmetered Service	6,305	19,741,139	\$487,868	\$719,578	\$27,795	\$1,235,262	\$0.08257	\$0.00490	\$0.00597	\$0.02505	\$0.09949
14													
15	GS-2	General Service - Low Load Factor - Secondary Voltage	237,469	1,027,831,040	\$45,420,946	\$37,465,161	\$2,587,636	\$85,473,742	\$0.08316	\$0.00499	\$0.00742	\$0.02407	\$0.11964
16													
17	GS-2	General Service - Low Load Factor - Primary Voltage	880	54,168,610	\$2,355,709	\$1,910,083	\$134,205	\$4,399,997	\$0.08123	\$0.00498	\$0.00871	\$0.02476	\$0.11669
18													
19	GS-2	GS-2 Load Management Time-of-Day Provision	120	1,178,178	\$30,988	\$42,945	\$1,765	\$75,699	\$0.06425	\$0.00499	\$0.00748	\$0.02000	\$0.09672
20													
21	GS-2-TOD	General Service - Time-of-Day	1,175	7,114,709	\$185,392	\$269,336	\$11,131	\$465,859	\$0.05548	\$0.00499	\$0.00748	\$0.02212	\$0.10008
22													
23	GS-3	General Service - Medium Load Factor - Secondary Voltage	63,209	2,934,295,709	\$69,593,005	\$106,967,133	\$3,984,720	\$180,514,858	\$0.06152	\$0.00368	\$0.00612	\$0.01789	\$0.08919
24													
25	GS-3	General Service - Medium Load Factor - Primary Voltage	4,306	1,963,469,681	\$38,159,226	\$69,235,472	\$2,173,935	\$109,569,633	\$0.05580	\$0.00368	\$0.00636	\$0.01329	\$0.07831
26													
27	GS-3	GS-3 Load Management Time-of-Day Provision	12	3,416,908	\$26,085	\$124,549	\$1,486	\$152,120	\$0.04452	\$0.00368	\$0.00692	\$0.01021	\$0.06451
28													
29	GS-4 / IRP-D	General Service - Large / Interruptible Power - Discretionary	404	3,700,681,045	\$34,820,356	\$128,015,656	\$1,963,719	\$164,819,731	\$0.04454	\$0.00328	\$0.00701	\$0.00277	\$0.05756
30													
31	AL	Area Lighting	0	\$8,378,842	\$1,109,936	\$1,396,936	\$83,233	\$2,572,105	\$0.06702	\$0.00163	\$0.00224	\$0.13863	\$0.20762
32													
33	SL	Street Lighting	1,716	43,103,463	\$778,340	\$1,571,151	\$44,342	\$2,393,834	\$0.05554	\$0.00166	\$0.00224	\$0.07378	\$0.13342
34													
35	SBS	Standby Service	0	4,245,756	\$118,247	\$146,675	\$6,737	\$271,859	\$0.08403	\$0.00400	\$0.01721	\$0.00343	\$0.08866
36													
37		Total CSP	8,706,847	17,474,000,002	\$353,167,957	\$627,669,398	\$20,120,014	\$1,000,947,369	\$0.05728	\$0.00460	\$0.00721	\$0.02460	\$0.09366
38													
39		TOTAL AEP OHIO	17,103,010	43,503,600,000	\$814,297,902	\$1,429,660,605	\$39,196,016	\$2,383,194,422	\$0.05478	\$0.00307	\$0.00681	\$0.02849	\$0.08515

COLUMBUS SOUTHERN POWER COMPANY
Case No. 10-XXX-EL-SSO
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Date: 0 MOS Actual & 12 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

Schedule E-4
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Witness Responsible:

Proposed 2012 Base Rates, 2011 Full Cost Fuel & Environmental																		
Line No.	Rate Code (A)	Class/ Descript. (B)	Base Generation Revenues (N)	Fuel Adjustment Rider (O)	Environmental Investment Carrying Cost Rider (P)	Total Proposed Generation Revenue (Q)	Proposed Generation Rate (R)	% Increase (S)	Market Transition Rider (T)	Subtotal Revenue (U)	Subtotal Rate (V)	% Increase (W)	Other Charges				Proposed Total Rate (AB)	% Increase on Total Rate (AC)
													FAC Rate Phase-In Rider (X)	Current POLR Rate (Y)	Current Transmission Rate (Z)	Current Distribution Rate (AA)		
1	R-R	Residential Service	\$200,185,639	\$216,467,175	\$8,010,468	\$424,663,282	\$0.06583	13.30%	-\$15,804,714	\$408,858,568	\$0.06338	9.08%	\$0.00289	\$0.00570	\$0.00823	\$0.03902	\$0.11922	7.35%
2																		
3	R-R-1	Residential - Small U	\$30,641,440	\$34,012,501	\$1,228,123	\$65,880,065	\$0.06500	17.71%	-\$2,483,323	\$63,396,742	\$0.06255	13.27%	\$0.00289	\$0.00570	\$0.00823	\$0.04621	\$0.12557	8.86%
4																		
5	RLM	Residential - Optional	\$191,937	\$208,853	\$7,680	\$408,480	\$0.06563	20.60%	-\$15,249	\$393,230	\$0.06318	16.10%	\$0.00289	\$0.00570	\$0.00823	\$0.01958	\$0.09958	13.26%
6																		
7	RS-TOD	Residential - Time of	\$1,702	\$2,124	\$88	\$3,894	\$0.06152	7.02%	-\$155	\$3,739	\$0.05907	2.76%	\$0.00289	\$0.00570	\$0.00823	\$0.03911	\$0.11500	4.05%
8																		
9	RS-ES	Residential - Energy S	\$467	\$560	\$19	\$1,066	\$0.06392	5.90%	-\$41	\$1,025	\$0.06147	1.84%	\$0.00289	\$0.00570	\$0.00823	\$0.04705	\$0.12534	3.30%
10																		
11	GS-1	General Service - Sm	\$4,706,444	\$6,901,008	\$188,329	\$11,795,779	\$0.05738	-33.96%	\$3,724,426	\$15,520,205	\$0.07547	-13.11%	\$0.00289	\$0.00490	\$0.00697	\$0.03737	\$0.12760	-6.24%
12																		
13	GS-1	General Service - Sm	\$447,609	\$662,436	\$17,911	\$1,127,956	\$0.05714	-8.69%	\$357,512	\$1,485,468	\$0.07525	-20.26%	\$0.00289	\$0.00490	\$0.00697	\$0.02505	\$0.11506	15.65%
14																		
15	GS-2	General Service - Low	\$24,567,237	\$34,490,001	\$982,663	\$60,029,901	\$0.05840	-28.77%	\$18,017,878	\$78,047,780	\$0.07593	-8.69%	\$0.00289	\$0.00499	\$0.00742	\$0.02407	\$0.11531	-3.62%
16																		
17	GS-2	General Service - Low	\$1,308,852	\$1,754,635	\$52,374	\$3,115,861	\$0.05752	-29.18%	\$849,576	\$4,065,436	\$0.07506	-7.60%	\$0.00279	\$0.00499	\$0.00871	\$0.02476	\$0.11631	-2.83%
18																		
19	GS-2	GS-2 Load Managem	\$22,851	\$39,635	\$914	\$63,360	\$0.05373	-18.38%	\$21,337	\$84,637	\$0.07184	11.81%	\$0.00289	\$0.00499	\$0.00748	\$0.02000	\$0.10720	10.84%
20																		
21	GS-2-TOD	General Service - Tir	\$138,499	\$238,742	\$5,542	\$382,783	\$0.05880	-17.83%	\$128,847	\$511,830	\$0.07191	9.82%	\$0.00289	\$0.00499	\$0.00748	\$0.02212	\$0.10939	9.32%
22																		
23	GS-3	General Service - Me	\$62,575,967	\$88,493,520	\$2,503,991	\$163,543,498	\$0.05574	-9.40%	\$6,538,801	\$172,082,299	\$0.05865	-4.67%	\$0.00289	\$0.00396	\$0.00612	\$0.01789	\$0.08921	0.02%
24																		
25	GS-3	General Service - Me	\$36,905,833	\$63,600,903	\$1,476,794	\$101,983,530	\$0.05194	-6.92%	\$5,713,696	\$107,697,227	\$0.05485	-1.71%	\$0.00279	\$0.00396	\$0.00536	\$0.01329	\$0.08015	2.35%
26																		
27	GS-3	GS-3 Load Managem	\$55,330	\$114,658	\$2,214	\$172,202	\$0.05040	13.20%	\$9,943	\$182,146	\$0.05331	19.74%	\$0.00289	\$0.00396	\$0.00592	\$0.01021	\$0.07619	18.11%
28																		
29	GS-4 / IRP-D	General Service - Lar	\$62,247,028	\$117,481,564	\$2,490,827	\$182,219,409	\$0.04924	10.56%	-\$20,982,351	\$161,237,057	\$0.04357	-2.17%	\$0.00274	\$0.00328	\$0.00701	\$0.00277	\$0.05936	3.07%
30																		
31	AL	Area Lighting	\$20,341	\$1,287,844	\$814	\$1,308,999	\$0.03411	-49.11%	\$1,117,976	\$2,426,975	\$0.06324	-5.64%	\$0.00289	\$0.00163	\$0.00224	\$0.13663	\$0.20663	-0.43%
32																		
33	SL	Street Lighting	\$25,431	\$1,446,384	\$1,018	\$1,472,833	\$0.03417	-38.47%	\$714,224	\$2,187,057	\$0.06074	-8.64%	\$0.00289	\$0.00186	\$0.00224	\$0.07378	\$0.13152	-1.43%
34																		
35	SBS	Standby Service	\$137,106	\$134,789	\$5,496	\$277,381	\$0.06533	2.03%	-\$6,921	\$270,461	\$0.06370	-0.51%	\$0.00274	\$0.00400	\$0.01721	\$0.00343	\$0.09107	2.72%
36																		
37		Total CSP	\$424,169,752	\$577,307,229	\$16,973,237	\$1,018,450,219	\$0.05828	1.75%	\$1,462	\$1,018,451,681	\$0.05828	1.75%	\$0.00285	\$0.00460	\$0.00721	\$0.02460	\$0.09753	4.11%
38																		
39		TOTAL AEP OHIO	\$979,528,334	\$1,429,858,418	\$39,195,942	\$2,448,381,684	\$0.05628	2.74%	-\$2,975	\$2,448,378,719	\$0.05628	1.74%	\$0.00283	\$0.00307	\$0.00661	\$0.02049	\$0.08946	5.09%

COLUMBUS SOUTHERN POWER COMPANY
Case No. 10-XXX-EL-SSO
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Date: 0 MOS Actual & 12 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

Schedule E-4
Page of
Witness Responsible:

Proposed 2013 Base Rates, 2011 Full Cost Fuel & Environmental																		
Line No.	Rate Code (A)	Class/ Descript. (B)	Base Generation Revenues (AD)	Fuel Adjustment Rider (AE)	Environmental Investment	Total Proposed Generation Revenue (AG)	Proposed Generation Rate (AH)	% Increase (AI)	Market Transition Rider (AJ)	Subtotal Revenue (AK)	Subtotal Rate (AL)	% Increase (AM)	Other Charges				Proposed Total Rate (AR)	% Increase on Total Rate (AS)
					Carrying Cost Rider (AF)								FAC Rate Phase-In Rider (AN)	Current POLR Rate (AO)	Current Transmission Rate (AP)	Current Distribution Rate (AQ)		
1	R-R	Residential Service	\$221,765,110	\$216,467,175	\$8,010,577	\$448,242,862	\$0.06918	5.08%	-\$7,999,121	\$438,243,741	\$0.06794	7.19%	\$0.00289	\$0.00570	\$0.00823	\$0.03902	\$0.12377	3.82%
2																		
3	R-R-1	Residential - Small U	\$33,944,727	\$34,012,501	\$1,226,148	\$69,183,376	\$0.08828	5.01%	-\$1,256,865	\$67,926,511	\$0.08702	7.15%	\$0.00289	\$0.00570	\$0.00823	\$0.04621	\$0.13004	3.56%
4																		
5	RLM	Residential - Optional	\$212,827	\$208,863	\$7,681	\$428,171	\$0.08895	5.07%	-\$7,718	\$421,453	\$0.08771	7.18%	\$0.00289	\$0.00570	\$0.00823	\$0.01958	\$0.10411	4.55%
6																		
7	RS-TOD	Residential - Time of	\$1,885	\$2,124	\$68	\$4,077	\$0.08442	4.72%	-\$155	\$3,922	\$0.08197	4.91%	\$0.00289	\$0.00570	\$0.00823	\$0.03911	\$0.11790	2.52%
8																		
9	RS-ES	Residential - Energy I	\$539	\$560	\$19	\$1,119	\$0.06707	4.93%	-\$21	\$1,098	\$0.06583	7.08%	\$0.00289	\$0.00570	\$0.00823	\$0.04705	\$0.12970	3.48%
10																		
11	GS-1	General Service - Sm	\$5,213,726	\$6,901,006	\$188,330	\$12,303,062	\$0.05982	4.30%	\$1,888,203	\$14,201,264	\$0.06905	-8.50%	\$0.00289	\$0.00490	\$0.00697	\$0.03737	\$0.12119	-5.03%
12																		
13	GS-1	General Service - Sm	\$495,859	\$682,436	\$17,911	\$1,176,206	\$0.05968	4.28%	\$182,211	\$1,358,417	\$0.06881	-8.55%	\$0.00289	\$0.00490	\$0.00697	\$0.02505	\$0.10862	-5.69%
14																		
15	GS-2	General Service - Lov	\$27,203,850	\$34,490,001	\$982,658	\$62,676,810	\$0.06098	4.41%	\$8,972,965	\$71,649,575	\$0.06971	-8.20%	\$0.00289	\$0.00499	\$0.00742	\$0.02407	\$0.10908	-5.40%
16																		
17	GS-2	General Service - Lov	\$1,449,899	\$1,754,835	\$52,373	\$3,256,907	\$0.06013	4.53%	\$472,892	\$3,729,799	\$0.06886	-8.28%	\$0.00279	\$0.00499	\$0.00671	\$0.02476	\$0.11011	-5.33%
18																		
19	GS-2	GS-2 Load Managem	\$25,315	\$39,535	\$914	\$65,765	\$0.05582	3.89%	\$10,875	\$76,639	\$0.06505	-9.45%	\$0.00289	\$0.00499	\$0.00748	\$0.02000	\$0.10041	-6.33%
20																		
21	GS-2-TOD	General Service - Tir	\$153,434	\$238,742	\$5,542	\$397,718	\$0.05590	3.90%	\$65,689	\$463,387	\$0.06513	-9.43%	\$0.00289	\$0.00489	\$0.00748	\$0.02212	\$0.10261	-6.20%
22																		
23	GS-3	General Service - Me	\$89,320,796	\$86,463,520	\$2,503,999	\$170,288,316	\$0.05803	4.12%	\$4,548,158	\$174,836,474	\$0.05958	1.80%	\$0.00289	\$0.00386	\$0.00612	\$0.01769	\$0.09015	1.05%
24																		
25	GS-3	General Service - Me	\$40,883,976	\$63,800,903	\$1,476,807	\$105,961,686	\$0.05397	3.90%	\$3,043,376	\$109,005,064	\$0.05552	1.21%	\$0.00279	\$0.00386	\$0.00596	\$0.01329	\$0.08062	0.83%
26																		
27	GS-3	GS-3 Load Managem	\$61,293	\$114,658	\$2,214	\$178,165	\$0.05214	3.46%	\$5,296	\$183,462	\$0.05369	0.72%	\$0.00289	\$0.00386	\$0.00592	\$0.01021	\$0.07688	0.51%
28																		
29	GS-4 / IRP-D	General Service - Lar	\$68,955,592	\$117,481,554	\$2,490,807	\$188,927,953	\$0.05105	3.88%	-\$10,960,755	\$177,967,197	\$0.04808	10.36%	\$0.00274	\$0.00328	\$0.00701	\$0.00277	\$0.08388	7.60%
30																		
31	AL	Area Lighting	\$22,644	\$1,287,844	\$818	\$1,311,306	\$0.03417	0.18%	\$642,848	\$1,954,151	\$0.05092	-19.46%	\$0.00289	\$0.00183	\$0.00224	\$0.13863	\$0.18431	-5.98%
32																		
33	SL	Street Lighting	\$28,017	\$1,446,384	\$1,012	\$1,475,413	\$0.03423	0.18%	\$420,690	\$1,886,103	\$0.04399	-13.30%	\$0.00289	\$0.00186	\$0.00224	\$0.07378	\$0.12476	-5.13%
34																		
35	SBS	Standby Service	\$162,056	\$134,799	\$5,493	\$292,338	\$0.06865	5.39%	-\$5,562	\$286,777	\$0.06754	8.03%	\$0.00274	\$0.00400	\$0.01721	\$0.00343	\$0.09491	4.22%
36																		
37		Total CSP	\$489,891,450	\$577,307,228	\$16,973,372	\$1,064,172,051	\$0.06090	4.49%	\$2,984	\$1,064,175,035	\$0.06080	4.49%	\$0.00285	\$0.00460	\$0.00721	\$0.02460	\$0.10015	2.68%
38																		
39		TOTAL AEP OHIO	\$1,083,183,578	\$1,428,699,418	\$38,186,003	\$2,553,958,998	\$0.05871	4.31%	-\$17,873	\$2,553,941,126	\$0.05871	4.31%	\$0.00283	\$0.00307	\$0.00481	\$0.02049	\$0.08191	2.71%

Data: 0 MOS Actual & 12 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s):

Line No.	Rate Code (A)	Class/ Descript. (B)	Current Base Rates, 2011 Full Cost Fuel & Environmental										
			Customer Bills (C)	Sales KW / KWH (D)	Base Generation Revenues (E)	Fuel Adjustment Rider (F)	Environmental Carrying Cost Rider (G)	Total Current Generation Revenue (H)	Current Generation Rate (I)	Current POLR Rate (J)	Current Transmission Rate (K)	Current Distribution Rate (L)	Current Total Rate (M)
1	RS	Residential Service	7,219,856	7,326,480,394	\$176,778,208	\$231,801,048	\$6,009,699	\$414,588,956	\$0.05659	\$0.00234	\$0.00845	\$0.00413	\$0.10151
2													
3	RS-TOD	Residential - Time of Day Service	4,906	8,898,563	\$177,841	\$281,477	\$6,046	\$465,364	\$0.05231	\$0.00234	\$0.00845	\$0.02665	\$0.08995
4													
5	GS-1	General Service - Non-Demand Metered	738,961	353,077,211	\$12,096,943	\$11,170,939	\$410,224	\$23,648,107	\$0.06898	\$0.00264	\$0.00697	\$0.04064	\$0.11712
6													
7	GS-1	GS-1 On-Peak	261	818,841	\$19,872	\$25,844	\$676	\$46,391	\$0.06679	\$0.00264	\$0.00897	\$0.01363	\$0.08033
8													
9	GS-1	General Service - Non-Demand Unmetered	7,888	2,318,344	\$79,233	\$73,350	\$2,894	\$155,276	\$0.06698	\$0.00264	\$0.00897	\$0.03509	\$0.11167
10													
11	GS-2	General Service - Low Load Factor - Secondary Voltage	322,848	2,570,068,631	\$79,145,141	\$81,313,824	\$2,690,594	\$163,149,559	\$0.06348	\$0.00270	\$0.00603	\$0.02248	\$0.09469
12													
13	GS-2	General Service - Low Load Factor - Primary Voltage	3,978	419,209,280	\$12,520,000	\$12,313,557	\$426,826	\$25,456,183	\$0.06206	\$0.00270	\$0.00606	\$0.01748	\$0.08630
14													
15	GS-2	General Service - Low Load Factor - Subtransmission Voltage	392	217,090,388	\$6,715,684	\$6,463,280	\$226,311	\$13,407,476	\$0.06176	\$0.00270	\$0.00634	\$0.01483	\$0.08463
16													
17	GS-2	General Service - Low Load Factor - Transmission Voltage	58	76,440,782	\$2,293,636	\$2,276,818	\$77,970	\$4,647,324	\$0.06080	\$0.00270	\$0.00634	\$0.01131	\$0.08015
18													
19	GS-2	GS-2 Energy Storage Provision	206	2,146,072	\$36,843	\$67,899	\$1,262	\$105,996	\$0.04939	\$0.00270	\$0.00603	\$0.01252	\$0.07083
20													
21	GS-2	GS-2 Recreational Lighting	4,225	7,376,788	\$217,174	\$233,393	\$7,383	\$457,960	\$0.06208	\$0.00270	\$0.00603	\$0.03132	\$0.10212
22													
23	GS	General Service - Time-of-Day	8,461	100,838,231	\$2,202,853	\$3,184,073	\$74,891	\$6,481,916	\$0.06427	\$0.00270	\$0.00603	\$0.01921	\$0.08221
24													
25	GS-3	General Service - Medium/High Load Factor - Secondary Voltage	58,695	2,637,907,397	\$65,780,599	\$83,460,225	\$1,886,301	\$141,137,124	\$0.05380	\$0.00194	\$0.00614	\$0.01683	\$0.07841
26													
27	GS-3	General Service - Medium/High Load Factor - Primary Voltage	3,886	2,612,568,082	\$61,629,222	\$79,697,173	\$1,765,370	\$133,391,765	\$0.05106	\$0.00194	\$0.00575	\$0.01359	\$0.07234
28													
29	GS-3	General Service - Medium/High Load Factor - Subtransmission Voltage	502	887,013,023	\$18,251,571	\$26,408,418	\$620,475	\$45,280,463	\$0.05105	\$0.00194	\$0.00582	\$0.01300	\$0.07181
30													
31	GS-3	General Service - Medium/High Load Factor - Transmission Voltage	53	45,078,980	\$848,472	\$1,342,105	\$28,844	\$2,219,422	\$0.04923	\$0.00194	\$0.00582	\$0.00949	\$0.06648
32				</									

OHIO POWER COMPANY
Case No. 10-XXX-EL-SSO
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 0 MOS Actual & 12 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s):

Schedule E-4
Page ___ of ___
Witness Responsible:

Proposed 2012 Base Rates, 2011 Full Cost Fuel & Environmental																		
Line No.	Rate Code (A)	Class/ Descript. (B)	Base Generation Revenues (N)	Fuel Adjustment Rider (O)	Environmental Investment Carrying Cost Rider (P)	Total Proposed Generation Revenue (Q)	Proposed Generation Rate (R)	% Increase (S)	Market Transition Rider (T)	Subtotal Revenue (U)	Subtotal Rate (V)	% Increase (W)	Other Charges				Proposed Total Rate (AB)	% Increase on Total Rate (AC)
													FAC Rate Phase-In Rider (X)	Current POLR Rate (Y)	Current Transmission Rate (Z)	Current Distribution Rate (AA)		
1	R3	Residential Service	\$224,664,975	\$245,848,109	\$8,990,014	\$479,503,097	\$0.06545	15.66%	-\$4,249,359	\$475,253,739	\$0.06487	14.63%	\$0.00288	\$0.00234	\$0.00845	\$0.03413	\$0.11268	11.01%
2																		
3	RS-TOD	Residential - Time of I	\$230,353	\$298,534	\$9,218	\$538,104	\$0.06048	15.83%	-\$5,180	\$532,944	\$0.05990	14.62%	\$0.00289	\$0.00234	\$0.00845	\$0.02685	\$0.10044	11.68%
4																		
5	GS-1	General Service - Nor	\$8,010,779	\$11,847,894	\$320,553	\$20,179,227	\$0.05715	-14.67%	\$4,872,498	\$25,051,692	\$0.07095	5.94%	\$0.00289	\$0.00264	\$0.00697	\$0.04054	\$0.12399	5.86%
6																		
7	GS-1	GS-1 On-Peak	\$15,502	\$27,410	\$620	\$43,532	\$0.06329	-6.16%	\$11,272	\$54,804	\$0.06709	18.13%	\$0.00289	\$0.00264	\$0.00697	\$0.01393	\$0.09352	16.42%
8																		
9	GS-1	General Service - Nor	\$61,689	\$77,798	\$2,068	\$131,562	\$0.06674	-15.26%	\$31,993	\$163,545	\$0.07054	6.33%	\$0.00289	\$0.00264	\$0.00697	\$0.03509	\$0.11813	5.79%
10																		
11	GS-2	General Service - Low	\$63,215,872	\$86,241,413	\$2,529,596	\$151,986,880	\$0.05914	-6.84%	\$17,245,147	\$169,232,027	\$0.05595	3.73%	\$0.00289	\$0.00270	\$0.00603	\$0.02248	\$0.09995	5.56%
12																		
13	GS-2	General Service - Low	\$9,705,414	\$13,287,540	\$388,404	\$23,382,358	\$0.05700	-8.18%	\$2,752,504	\$26,134,862	\$0.05371	2.65%	\$0.00279	\$0.00270	\$0.00606	\$0.01748	\$0.09274	5.03%
14																		
15	GS-2	General Service - Low	\$4,858,134	\$6,891,903	\$194,389	\$11,944,436	\$0.05602	-10.91%	\$1,458,677	\$13,401,113	\$0.05173	-0.05%	\$0.00274	\$0.00270	\$0.00534	\$0.01483	\$0.08734	3.20%
16																		
17	GS-2	General Service - Low	\$1,969,351	\$2,426,743	\$86,789	\$4,162,893	\$0.05446	-10.42%	\$512,818	\$4,675,711	\$0.05117	0.61%	\$0.00274	\$0.00270	\$0.00534	\$0.01131	\$0.08326	3.88%
18																		
19	GS-2	GS-2 Energy Storage	\$37,532	\$72,014	\$1,502	\$111,047	\$0.05174	4.77%	\$14,400	\$125,447	\$0.05845	18.35%	\$0.00289	\$0.00270	\$0.00603	\$0.01252	\$0.08258	18.93%
20																		
21	GS-2	GS-2 Recreational Lig	\$171,345	\$247,537	\$6,856	\$425,738	\$0.05771	-7.03%	\$49,498	\$475,237	\$0.06442	3.77%	\$0.00289	\$0.00270	\$0.00603	\$0.03132	\$0.10738	5.13%
22																		
23	GS	General Service - Tim	\$2,103,932	\$3,377,027	\$84,189	\$5,568,147	\$0.05530	1.89%	\$675,283	\$6,240,430	\$0.06201	14.25%	\$0.00289	\$0.00270	\$0.00603	\$0.01921	\$0.09284	12.93%
24																		
25	GS-3	General Service - Me	\$53,971,852	\$68,517,884	\$2,189,694	\$144,649,431	\$0.05483	2.49%	-\$158,274	\$144,491,157	\$0.05477	2.38%	\$0.00289	\$0.00194	\$0.00514	\$0.01683	\$0.08258	5.31%
26																		
27	GS-3	General Service - Me	\$48,874,385	\$64,826,567	\$1,955,718	\$135,456,670	\$0.05195	1.55%	-\$156,764	\$135,299,916	\$0.05179	1.43%	\$0.00279	\$0.00194	\$0.00575	\$0.01359	\$0.07596	4.87%
28																		
29	GS-3	General Service - Me	\$16,424,103	\$28,159,736	\$657,214	\$45,241,053	\$0.05100	-0.09%	-\$53,221	\$45,187,832	\$0.05094	-0.20%	\$0.00274	\$0.00194	\$0.00582	\$0.01300	\$0.07444	3.67%
30																		
31	GS-3	General Service - Me	\$810,391	\$1,431,108	\$32,424	\$2,273,835	\$0.05044	2.45%	-\$2,705	\$2,271,130	\$0.05038	2.03%	\$0.00274	\$0.00194	\$0.00582	\$0.00949	\$0.07037	5.84%
32																		
33	GS-4 / IRP-D	General Service - Lar	\$4,558,278	\$8,821,127	\$182,400	\$13,361,807	\$0.05020	3.57%	-\$88,645	\$12,424,962	\$0.04668	-3.89%	\$0.00279	\$0.00158	\$0.00586	\$0.00645	\$0.06337	1.61%
34																		
35	GS-4 / IRP-D	General Service - Lar	\$40,113,008	\$75,480,299	\$1,805,130	\$117,178,436	\$0.04930	1.58%	-\$8,368,862	\$108,811,575	\$0.04578	-5.68%	\$0.00274	\$0.00158	\$0.00561	\$0.00416	\$0.05987	-0.03%
36																		
37	GS-4 / IRP-D	General Service - Lar	\$73,990,384	\$188,567,318	\$2,960,740	\$265,548,442	\$0.04470	0.67%	-\$20,911,230	\$244,637,212	\$0.04118	-7.26%	\$0.00274	\$0.00158	\$0.00561	\$0.00184	\$0.05276	-0.91%
38																		
39	EHG	Electric Heating Gene	\$536,044	\$739,948	\$21,460	\$1,297,442	\$0.05884	24.97%	-\$101,214	\$1,196,228	\$0.05425	15.22%	\$0.00289	\$0.00267	\$0.01035	\$0.02808	\$0.09844	11.35%
40																		
41	EHS	Electric Heating Scho	\$9,787	\$13,332	\$392	\$23,510	\$0.05918	87.03%	-\$8,600	\$14,710	\$0.03703	17.02%	\$0.00289	\$0.00372	\$0.00653	\$0.00807	\$0.05824	18.57%
42																		
43	SS	School Service	\$1,030,344	\$1,403,628	\$41,229	\$2,475,202	\$0.05917	3.58%	\$80,653	\$2,555,855	\$0.06062	6.12%	\$0.00289	\$0.00295	\$0.00653	\$0.02149	\$0.09449	7.25%
44																		
45	FL	Flood Pumping	\$10,909	\$17,224	\$437	\$28,570	\$0.05966	54.80%	-\$8,118	\$22,452	\$0.04374	21.85%	\$0.00289	\$0.00270	\$0.00603	\$0.02709	\$0.08248	14.88%
46																		
47	OL	Outdoor Lighting	\$29,793	\$1,880,593	\$1,189	\$1,911,485	\$0.03411	-86.95%	\$3,455,627	\$5,367,112	\$0.09577	-7.20%	\$0.00289	\$0.00067	\$0.00272	\$0.10187	\$0.20382	-2.18%
48																		
49	SL	Street Lighting	\$39,245	\$2,232,030	\$1,579	\$2,272,845	\$0.03417	-68.30%	\$3,676,674	\$6,149,420	\$0.09245	-14.31%	\$0.00289	\$0.00057	\$0.00272	\$0.07513	\$0.17376	-8.73%
50																		
51	SBS	Standby Service	\$222,362	\$7,474	\$6,886	\$238,734	\$1.01401	101.51%	-\$62,908	\$175,826	\$0.74682	48.41%	\$0.00274	\$0.00189	\$0.19771	\$0.41271	\$1,381.06	22.06%
52																		
53		Total OP	\$555,350,582	\$852,352,189	\$22,222,705	\$1,429,931,475	\$0.05484	3.45%	-\$4,437	\$1,429,827,038	\$0.05483	3.45%	\$0.00282	\$0.00204	\$0.00655	\$0.01773	\$0.08407	5.86%
54																		
55		TOTAL ASP OHIO	\$979,528,334	\$1,429,868,418	\$39,186,943	\$2,448,381,694	\$0.05628	2.74%	-\$2,975	\$2,448,378,719	\$0.05628	2.74%	\$0.00283	\$0.00307	\$0.00681	\$0.02049	\$0.08948	6.09%

OHIO POWER COMPANY
Case No. 10-XXX-EL-SSO
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Date: 9 MOS Actual & 12 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

Schedule E-4
Page of
Witness Responsible:

Proposed 2013 Base Rates, 2011 Full Cost Fuel & Environmental																		
Line No.	Rate Code (A)	Class/ Descript. (B)	Base Generation Revenues (AD)	Fuel Adjustment Rider (AE)	Environmental Investment	Total Proposed Generation Revenues (AG)	Proposed Generation Rate (AH)	% Increase (AI)	Market Transition Rider (AJ)	Subtotal Revenue (AK)	Subtotal Rate (AL)	% Increase (AM)	Other Charges				Proposed Total Rate (AR)	% Increase on Total Rate (AS)
					Carrying Cost Rider (AF)								FAC Rate Phase-In Rider (AN)	Current POLR Rate (AO)	Current Transmission Rate (AP)	Current Distribution Rate (AQ)		
1	RS	Residential Service	\$248,884,056	\$245,846,109	\$8,990,155	\$503,722,330	\$0.06875	5.05%	-\$2,710,798	\$501,011,532	\$0.06838	5.42%	\$0.00289	\$0.00234	\$0.00845	\$0.03413	\$0.11620	3.12%
2																		
3	RS-TOD	Residential - Time of Day	\$255,211	\$298,534	\$9,219	\$562,964	\$0.06328	4.62%	-\$3,292	\$559,672	\$0.06291	5.02%	\$0.00289	\$0.00234	\$0.00845	\$0.02685	\$0.10344	2.98%
4																		
5	GS-1	General Service - Non-Peak	\$8,874,304	\$11,847,834	\$320,567	\$21,042,155	\$0.06960	4.28%	\$2,563,341	\$23,605,496	\$0.06969	-5.77%	\$0.00289	\$0.00264	\$0.00697	\$0.04054	\$0.11990	-3.30%
6																		
7	GS-1	GS-1 On-Peak	\$17,173	\$27,410	\$620	\$45,203	\$0.05534	3.84%	\$5,930	\$51,133	\$0.05260	-6.70%	\$0.00289	\$0.00264	\$0.00697	\$0.01393	\$0.08903	-4.81%
8																		
9	GS-1	General Service - Non-Peak	\$57,262	\$77,795	\$2,058	\$137,125	\$0.05915	4.24%	\$16,831	\$153,956	\$0.06641	-5.86%	\$0.00289	\$0.00264	\$0.00697	\$0.03509	\$0.11400	-3.50%
10																		
11	GS-2	General Service - Low	\$70,029,362	\$86,241,413	\$2,529,584	\$158,800,368	\$0.06179	4.48%	\$8,712,526	\$167,512,894	\$0.05518	-1.02%	\$0.00289	\$0.00270	\$0.00603	\$0.02248	\$0.09929	-0.67%
12																		
13	GS-2	General Service - Low	\$10,752,417	\$13,287,540	\$388,388	\$24,428,354	\$0.05955	4.47%	\$1,390,609	\$25,818,964	\$0.06294	-1.21%	\$0.00279	\$0.00270	\$0.00606	\$0.01748	\$0.09197	-0.83%
14																		
15	GS-2	General Service - Low	\$5,381,605	\$6,891,903	\$194,394	\$12,467,902	\$0.05743	4.38%	\$735,936	\$13,203,839	\$0.06062	-1.47%	\$0.00274	\$0.00270	\$0.00534	\$0.01483	\$0.08643	-1.04%
16																		
17	GS-2	General Service - Low	\$1,849,232	\$2,426,743	\$66,798	\$4,342,773	\$0.05681	4.32%	\$259,134	\$4,601,907	\$0.05020	-1.58%	\$0.00274	\$0.00270	\$0.00534	\$0.01131	\$0.08229	-1.16%
18																		
19	GS-2	GS-2 Energy Storage	\$41,577	\$72,014	\$1,502	\$115,093	\$0.05363	3.64%	\$7,275	\$122,368	\$0.05702	-2.45%	\$0.00289	\$0.00270	\$0.00603	\$0.01252	\$0.08116	-1.74%
20																		
21	GS-2	GS-2 Recreational Use	\$189,811	\$247,537	\$8,888	\$444,203	\$0.06022	4.34%	\$25,007	\$469,211	\$0.06381	-1.27%	\$0.00289	\$0.00270	\$0.00603	\$0.03132	\$0.10884	-0.76%
22																		
23	GS	General Service - Time of Day	\$2,330,820	\$3,377,027	\$84,194	\$5,792,041	\$0.05755	4.08%	\$341,164	\$6,133,204	\$0.08094	-1.72%	\$0.00289	\$0.00270	\$0.00603	\$0.01821	\$0.09177	-1.15%
24																		
25	GS-3	General Service - Medium	\$59,789,100	\$86,517,884	\$2,159,696	\$150,466,680	\$0.06704	4.02%	\$79,137	\$150,545,818	\$0.05707	4.18%	\$0.00289	\$0.00194	\$0.00614	\$0.01663	\$0.08487	2.78%
26																		
27	GS-3	General Service - Medium	\$54,142,636	\$84,626,597	\$1,855,735	\$140,724,939	\$0.05388	3.85%	\$76,377	\$140,801,316	\$0.05389	4.07%	\$0.00278	\$0.00194	\$0.00575	\$0.01359	\$0.07797	2.78%
28																		
29	GS-3	General Service - Medium	\$18,194,146	\$28,159,758	\$657,207	\$47,011,090	\$0.05300	3.91%	\$26,810	\$47,037,700	\$0.05303	4.09%	\$0.00274	\$0.00194	\$0.00582	\$0.01360	\$0.07653	2.80%
30																		
31	GS-3	General Service - Medium	\$897,829	\$1,431,109	\$32,424	\$2,361,162	\$0.05238	3.84%	\$1,352	\$2,362,514	\$0.05241	4.02%	\$0.00274	\$0.00194	\$0.00582	\$0.00849	\$0.07240	2.88%
32																		
33	GS-4 / IRP-D	General Service - Large	\$5,049,663	\$6,621,127	\$182,403	\$13,853,194	\$0.05205	3.68%	-\$468,422	\$13,384,772	\$0.05029	7.72%	\$0.00279	\$0.00158	\$0.00586	\$0.00845	\$0.06598	5.69%
34																		
35	GS-4 / IRP-D	General Service - Large	\$44,436,978	\$75,460,299	\$1,805,116	\$121,501,493	\$0.06112	3.69%	-\$4,183,431	\$117,318,062	\$0.04936	7.82%	\$0.00274	\$0.00158	\$0.00561	\$0.00416	\$0.06345	6.98%
36																		
37	GS-4 / IRP-D	General Service - Large	\$81,956,968	\$186,597,316	\$2,960,514	\$273,518,821	\$0.04604	3.00%	-\$10,465,515	\$263,053,306	\$0.04428	7.53%	\$0.00274	\$0.00158	\$0.00561	\$0.00164	\$0.05585	5.88%
38																		
39	EHS	Electric Heating General	\$583,811	\$739,948	\$21,450	\$1,355,209	\$0.08146	4.45%	-\$50,276	\$1,304,932	\$0.05916	9.09%	\$0.00289	\$0.00287	\$0.01035	\$0.02868	\$0.10337	5.01%
40																		
41	EHS	Electric Heating School	\$10,841	\$13,332	\$382	\$24,565	\$0.08163	4.49%	-\$5,034	\$19,531	\$0.04916	32.78%	\$0.00289	\$0.00372	\$0.00853	\$0.00807	\$0.07037	20.84%
42																		
43	SS	School Service	\$1,141,399	\$1,403,629	\$41,230	\$2,686,268	\$0.06183	4.49%	\$30,117	\$2,616,375	\$0.05285	3.16%	\$0.00289	\$0.00295	\$0.00653	\$0.02149	\$0.08841	2.04%
44																		
45	FL	Flood Pumping	\$12,086	\$17,224	\$437	\$29,747	\$0.05798	4.12%	-\$3,188	\$26,559	\$0.05174	18.30%	\$0.00289	\$0.00270	\$0.00603	\$0.02709	\$0.08045	9.71%
46																		
47	OL	Outdoor Lighting	\$33,066	\$1,880,593	\$1,194	\$1,914,853	\$0.03417	0.18%	\$1,728,374	\$3,643,227	\$0.05501	-32.12%	\$0.00289	\$0.00057	\$0.00272	\$0.10187	\$0.17396	-15.09%
48																		
49	SL	Street Lighting	\$43,236	\$2,232,030	\$1,562	\$2,276,828	\$0.03423	0.18%	\$1,889,043	\$4,175,870	\$0.05276	-32.09%	\$0.00289	\$0.00057	\$0.00272	\$0.07513	\$0.14409	-17.08%
50																		
51	SSS	Standby Service	\$248,616	\$7,474	\$6,908	\$262,998	\$1.11707	10.18%	-\$41,568	\$221,432	\$0.94052	25.94%	\$0.00274	\$0.00189	\$0.18771	\$0.41271	\$1.55557	14.22%
52																		
53		Total OP	\$616,212,128	\$862,362,188	\$22,222,631	\$1,469,766,946	\$0.05723	4.19%	-\$20,897	\$1,489,766,060	\$0.05723	4.18%	\$0.00282	\$0.00204	\$0.00656	\$0.01773	\$0.08637	2.73%
54																		
55		TOTAL AEP OHIO	\$1,055,103,575	\$1,429,589,418	\$35,198,003	\$2,583,985,998	\$0.06871	4.37%	-\$17,573	\$2,566,418,425	\$0.06871	4.31%	\$0.00283	\$0.00987	\$0.00681	\$0.02048	\$0.09191	2.71%

Tariff Generation Prices

		Energy	Current	Proposed	Revenue Class 10/11			Current Revenues			Proposed Revenues		
					R	C	I	R	C	I	R	C	I
R-R	Residential Service	6,450,903,847	\$102,180,463	\$200,168,639	6,450,902,432	1,415	0	132,180,464	20	0	200,168,606	44	0
R-R-1	Residential - Small Use Load Management Service	1,013,601,138	\$17,968,387	\$30,841,440	1,013,600,812	528	0	17,968,377	9	0	30,841,434	16	0
R-LM	Residential - Optional Demand Service	6,224,284	\$108,793	\$191,937	6,224,284	0	0	105,793	0	0	191,937	0	0
RS-TOD	Residential - Time of Day Service	63,295	\$1,239	\$1,702	63,295	0	0	1,239	0	0	1,702	0	0
RC-ES	Residential - Energy Storage	16,676	\$377	\$467	16,676	0	0	377	0	0	467	0	0
GS-1	General Service - Small	305,695,740	\$9,806,520	\$1,706,444	24,137	196,771,933	9,899,719	1,151	9,335,226	470,132	832	4,480,254	225,640
GS-1	General Service - Small - Optional Unmetered Service	19,741,139	\$467,899	\$467,899	0	19,696,036	53,105	0	468,576	1,312	0	446,405	1,204
GS-2	General Service - Low Load Factor - Secondary Voltage	1,027,631,040	\$45,420,940	\$24,557,237	30,032	998,426,205	136,382,748	886	90,280,588	6,150,471	470	21,226,686	8,330,173
GS-2	General Service - Low Load Factor - Primary Voltage	54,165,810	\$2,355,706	\$1,368,852	0	11,047,420	43,121,190	0	480,435	1,875,374	0	288,964	1,041,918
GS-2	GS-2 Load Management Time-of-Day Provision	1,178,178	\$30,868	\$22,851	0	1,178,178	0	0	30,868	0	0	22,851	0
GS-2-TOD	General Service - Time-of-Day	7,114,709	\$156,592	\$136,499	0	6,483,109	629,603	0	178,101	17,291	0	126,242	12,256
GS-3	General Service - Medium Load Factor - Secondary Voltage	2,934,296,709	\$69,593,005	\$62,575,987	0	2,422,156,702	512,139,007	0	57,446,650	12,146,458	0	51,854,251	10,921,736
GS-3	General Service - Medium Load Factor - Primary Voltage	1,983,499,581	\$36,159,226	\$36,508,833	0	906,536,113	1,066,933,458	0	17,618,158	20,341,958	0	17,098,485	19,886,358
GS-3	GS-3 Load Management Time-of-Day Provision	3,416,806	\$20,005	\$25,330	0	3,416,806	0	0	20,005	0	0	25,330	0
GS-4 / IIR-P-D	General Service - Large / Interruptible Power - Discretionary	3,700,591,045	\$54,620,358	\$62,247,028	0	534,145,818	3,166,445,227	0	5,026,994	28,794,362	0	8,944,778	63,262,260
AL	Area Lighting	38,378,842	\$1,109,938	\$20,341	11,245,634	24,540,122	2,500,196	325,313	768,713	74,910	5,882	13,005	1,373
SL	Street Lighting	43,103,463	\$779,340	\$25,431	0	43,103,463	0	0	779,340	0	0	25,431	0
SBS	Standby Service	4,245,756	\$118,247	\$137,108	0	0	4,245,756	0	0	118,247	0	0	137,108
Total CSP		17,474,000,003	\$363,167,967	\$424,169,762	7,484,100,002	5,958,600,005	4,936,300,966	\$150,502,620	\$131,375,792	\$71,198,544	\$231,025,138	\$104,541,580	\$38,800,034
			\$20.21	\$24.27				\$20.13	\$25.86	\$14.43	\$30.93	\$20.94	\$17.89
RS	Residential Service	7,326,460,394	\$176,770,209	\$224,694,970	7,326,451,339	28,055	0	176,777,608	701	0	224,694,084	891	0
RS-TOD	Residential - Time of Day Service	8,896,563	\$177,641	\$230,353	8,896,563	0	0	177,641	0	0	230,353	0	0
GS-1	General Service - Non-Demand Metered	353,077,211	\$12,068,943	\$4,070,779	13,988	334,961,137	18,082,088	478	11,448,883	917,982	317	7,800,207	410,285
GS-1	GS-1 On-Peak	816,841	\$19,672	\$15,502	0	572,859	244,172	0	15,832	5,340	0	10,889	4,834
GS-1	General Service - Non-Demand Unmetered	2,319,344	\$79,233	\$61,889	0	2,286,147	23,197	0	75,440	783	0	51,172	517
GS-2	General Service - Low Load Factor - Secondary Voltage	2,570,966,831	\$79,145,141	\$63,215,672	8,258	2,633,245,185	536,815,190	199	82,813,737	16,531,211	154	30,811,887	13,264,031
GS-2	General Service - Low Load Factor - Primary Voltage	416,209,269	\$12,820,000	\$8,706,414	0	58,262,628	351,946,652	0	1,778,334	10,741,768	0	1,376,616	8,327,787
GS-2	General Service - Low Load Factor - Subtransmission Voltage	217,090,388	\$6,715,864	\$4,854,134	0	9,019,789	208,070,619	0	379,955	6,436,849	0	201,848	4,856,286
GS-2	General Service - Low Load Factor - Transmission Voltage	76,440,782	\$2,268,536	\$1,889,351	0	14,273,489	62,167,313	0	425,282	1,865,274	0	311,711	1,357,049
GS-2	GS-2 Energy Storage Provision	2,146,072	\$30,640	\$37,532	0	1,616,276	328,795	0	31,161	5,662	0	31,764	5,768
GS-2	GS-2 Recreational Lighting	7,376,706	\$217,174	\$171,346	0	7,247,784	128,014	0	213,376	3,786	0	189,340	2,987
GS-3	General Service - Time-of-Day	100,838,231	\$2,202,950	\$2,103,932	0	92,003,430	8,834,801	0	2,015,908	189,014	0	1,823,413	180,518
GS-3	General Service - Medium/High Load Factor - Secondary Voltage	2,537,907,387	\$65,780,589	\$53,971,852	0	1,961,847,062	678,060,335	0	41,468,778	14,285,620	0	40,139,599	13,632,393
GS-3	General Service - Medium/High Load Factor - Primary Voltage	2,812,568,082	\$51,922,222	\$48,674,368	0	792,750,186	1,999,817,866	0	13,943,352	37,960,879	0	13,146,637	35,727,740
GS-3	General Service - Medium/High Load Factor - Subtransmission Voltage	\$87,013,023	\$15,251,571	\$16,424,103	0	20,507,459	866,605,564	0	421,971	17,829,800	0	378,720	16,044,383
GS-3	General Service - Medium/High Load Factor - Transmission Voltage	45,078,990	\$846,472	\$616,261	0	11,771,180	33,507,804	0	221,550	626,916	0	211,589	596,712
GS-4 / IIR-P-D	General Service - Large / Interruptible Power - Discretionary - Primary Voltage	296,149,072	\$4,624,816	\$4,558,279	0	0	296,149,072	0	0	4,624,816	0	0	4,558,279
GS-4 / IIR-P-D	General Service - Large / Interruptible Power - Discretionary - Subtransmission Voltage	2,378,949,381	\$43,127,387	\$40,113,008	0	0	2,378,949,381	0	0	43,127,387	0	0	40,113,008
GS-4 / IIR-P-D	General Service - Large / Interruptible Power - Discretionary - Transmission Voltage	5,940,880,475	\$64,080,459	\$73,890,354	0	0	5,940,880,475	0	0	64,080,459	0	0	73,890,354
EHG	Electric Heating General	22,051,078	\$329,375	\$536,014	0	20,989,318	1,061,758	0	313,816	16,850	0	\$10,294	26,810
EHS	Electric Heating Schools	387,283	\$0	\$8,787	0	387,283	0	0	0	0	0	8,787	0
DS	School Service	41,829,329	\$1,051,194	\$1,030,344	0	41,829,329	0	0	1,081,104	0	0	1,050,344	0
FL	Flood Pumping	513,289	\$2,144	\$10,908	0	513,289	0	0	2,144	0	0	10,908	0
OL	Outdoor Lighting	56,043,254	\$3,678,268	\$38,703	14,091,862	35,234,311	6,777,091	\$71,027	2,438,372	468,985	7,437	18,624	3,592
SL	Street Lighting	66,516,375	\$4,904,669	\$39,245	0	66,516,375	0	0	4,904,669	0	0	39,245	0
SBS	Standby Service	235,436	\$107,797	\$222,362	0	97,650	137,785	0	44,710	63,887	0	92,227	130,134
Total OP		26,029,500,087	\$591,129,846	\$565,396,592	7,948,089,998	5,416,200,007	13,263,900,002	\$177,937,047	\$143,793,910	\$239,473,989	\$234,952,318	\$17,379,460	\$215,174,757
			\$21.56	\$21.34				\$24.21	\$26.54	\$18.06	\$30.60	\$21.66	\$16.07
Total AEP Ohio		43,603,386,009	\$944,237,802	\$979,238,354	14,831,694,609	10,872,796,012	18,188,239,987	\$325,619,657	\$276,167,886	\$516,676,832	\$485,930,482	\$321,621,979	\$591,974,731
			\$21.62	\$22.62				\$22.16	\$36.27	\$17.97	\$36.24	\$23.96	\$16.49

Transmission			Adjustment Cents/kWh	Adjustment \$	Revenue Class kWh			Revenue		
					R	C	I	R	C	I
R-R	Residential Service	8,450,903,847	\$0.22143	\$14,284,236	8,450,902,432	1,415	0	14,284,233	3	0
R-R-1	Residential - Small Use Load Management Service	1,013,901,138	\$0.22143	\$2,244,417	1,013,600,812	628	0	2,244,418	1	0
RLM	Residential - Optional Demand Service	8,224,284	\$0.22143	\$13,782	8,224,284	0	0	13,782	0	0
RS-TOD	Residential - Time of Day Service	63,295	\$0.22143	\$140	63,295	0	0	140	0	0
RS-ES	Residential - Energy Storage	16,676	\$0.22143	\$37	16,676	0	0	37	0	0
GS-1	General Service - Small	205,855,780	\$0.30431	\$625,831	24,137	195,771,933	9,859,710	73	695,754	30,004
GS-1	General Service - Small - Optional Unmetered Service	19,741,139	\$0.30431	\$60,074	0	19,688,036	53,103	0	59,913	152
GS-2	General Service - Low Load Factor - Secondary Voltage	1,027,831,040	\$0.29989	\$3,082,363	20,032	888,428,265	139,382,743	80	2,864,308	417,965
GS-2	General Service - Low Load Factor - Primary Voltage	54,168,810	\$0.29012	\$157,154	0	11,047,420	43,121,390	0	32,051	125,103
GS-2	GS-2 Load Management Time-of-Day Provision	1,178,178	\$0.29989	\$3,533	0	1,178,178	0	0	3,533	0
GS-2-TOD	General Service - Time-of-Day	7,114,709	\$0.29989	\$21,335	0	5,465,106	628,503	0	19,446	1,888
GS-3	General Service - Medium Load Factor - Secondary Voltage	2,934,295,709	\$0.22737	\$6,671,708	0	2,422,156,702	612,139,007	0	5,607,258	1,154,450
GS-3	General Service - Medium Load Factor - Primary Voltage	1,963,489,581	\$0.21998	\$4,318,848	0	906,536,113	1,056,953,468	0	1,894,017	2,324,831
GS-3	GS-3 Load Management Time-of-Day Provision	3,418,808	\$0.22737	\$7,769	0	3,418,806	0	0	7,769	0
GS-4 / IRP-D	General Service - Large / Interruptible Power - Discretionary	3,700,591,045	\$0.18443	\$6,826,000	0	634,146,816	3,166,445,227	0	985,125	5,839,875
AL	Area Lighting	38,378,842	\$0.22427	\$86,072	11,248,534	24,540,122	2,590,186	25,227	55,038	5,809
SL	Street Lighting	43,103,463	\$0.22427	\$96,668	0	43,103,463	0	0	96,668	0
SBS	Standby Service	4,245,758	\$0.21635	\$9,196	0	0	4,245,758	0	0	9,186
Total CSP		17,474,000,002	\$0.22037	\$38,508,155	7,482,100,002	5,058,500,005	4,935,386,995	\$16,587,969	\$12,020,883	\$9,910,303
				\$2.20				\$2.21	\$2.38	\$2.01
RS	Residential Service	7,326,480,394	\$0.21985	\$16,092,614	7,326,451,339	29,055		16,092,660	64	0
RS-TOD	Residential - Time of Day Service	8,886,563	\$0.21985	\$19,541	8,886,563			19,541	0	0
GS-1	General Service - Non-Demand Metered	363,077,211	\$0.23434	\$827,401	13,988	334,981,137	18,082,086	33	784,865	42,374
GS-1	GS-1 On-Peak	818,941	\$0.23434	\$1,914		572,659	244,172	0	1,342	572
GS-1	General Service - Non-Demand Unmetered	2,318,344	\$0.23434	\$5,433		2,295,147	23,197	0	5,376	54
GS-2	General Service - Low Load Factor - Secondary Voltage	2,570,066,631	\$0.23487	\$6,036,315	6,256	2,033,245,185	536,815,190	15	4,775,483	1,250,818
GS-2	General Service - Low Load Factor - Primary Voltage	410,209,280	\$0.23487	\$963,459		58,282,628	351,946,562	0	136,841	826,617
GS-2	General Service - Low Load Factor - Subtransmission Voltage	217,060,388	\$0.22100	\$479,770		9,019,769	208,070,819	0	19,934	459,836
GS-2	General Service - Low Load Factor - Transmission Voltage	76,440,782	\$0.22100	\$168,934		14,273,469	62,167,313	0	31,544	137,390
GS-2	GS-2 Energy Storage Provision	2,146,072	\$0.23487	\$5,040		1,816,276	329,796	0	4,286	775
GS-2	GS-2 Recreational Lighting	7,376,798	\$0.23487	\$17,326		7,247,784	129,014	0	17,023	303
GS	General Service - Time-of-Day	100,636,231	\$0.23487	\$236,369		92,003,430	8,634,801	0	218,088	29,281
GS-3	General Service - Medium/High Load Factor - Secondary Voltage	2,637,907,397	\$0.20741	\$5,471,294		1,961,847,062	676,060,335	0	4,069,087	1,402,217
GS-3	General Service - Medium/High Load Factor - Primary Voltage	2,612,968,062	\$0.19997	\$5,224,352		702,750,188	1,909,817,896	0	1,406,290	3,819,053
GS-3	General Service - Medium/High Load Factor - Subtransmission Voltage	887,018,023	\$0.18516	\$1,731,035		20,507,456	866,505,564	0	40,022	1,691,072
GS-3	General Service - Medium/High Load Factor - Transmission Voltage	45,078,950	\$0.18516	\$87,976		11,771,186	33,307,804	0	22,973	65,004
GS-4 / IRP-D	General Service - Large / Interruptible Power - Discretionary - Primary Voltage	266,149,072	\$0.19916	\$530,062		0	266,149,072	0	0	530,062
GS-4 / IRP-D	General Service - Large / Interruptible Power - Discretionary - Subtransmission Voltage	2,376,949,381	\$0.19437	\$4,620,077		0	2,376,949,381	0	0	4,620,077
GS-4 / IRP-D	General Service - Large / Interruptible Power - Discretionary - Transmission Voltage	5,940,090,475	\$0.19437	\$11,546,920		0	5,940,090,475	0	0	11,546,920
EHG	Electric Heating General	22,051,076	\$0.19111	\$42,142		20,989,318	1,061,758	0	40,113	2,029
EHS	Electric Heating Schools	397,293	\$0.21936	\$872		397,293	0	0	872	0
SS	School Service	41,829,329	\$0.21936	\$91,757		41,829,329	0	0	91,757	0
FL	Flood Pumping	513,289	\$0.23487	\$1,206		513,289	0	0	1,206	0
CL	Outdoor Lighting	58,043,254	\$0.27209	\$152,488	14,031,852	35,234,311	6,777,091	38,179	95,860	18,440
SL	Street Lighting	68,515,375	\$0.27209	\$186,994		68,515,375	0	0	186,994	0
SBS	Standby Service	235,436	\$0.20005	\$471		97,850	137,786	0	195	276
Total OP		26,029,500,007	\$0.20952	\$54,535,602	7,348,399,998	5,418,200,007	13,285,800,002	\$19,150,318	\$11,941,306	\$26,444,178
				\$2.10				\$2.20	\$2.20	\$1.99
Total AEP Ohio		43,803,600,009		\$93,043,957	14,831,500,000	10,472,700,012	18,199,389,997	\$32,713,288	\$23,962,188	\$38,383,481
				\$2.14				\$2.21	\$2.29	\$2.00

Environmental Prices

			Current	Proposed	Revenue Class kWh			Current Revenue			Proposed Revenue		
					R	C	I	R	C	I	R	C	I
R-R	Residential Service	5,450,903,847	\$7,529,140	\$8,010,466	5,450,902,432	1,416	0	7,529,136	2	0	8,010,467	2	0
R-R-1	Residential - Small Use Load Management Service	1,013,801,158	\$1,025,370	\$1,226,123	1,013,800,612	526	0	1,025,368	1	0	1,226,123	1	0
RLM	Residential - Optional Demand Service	6,224,284	\$6,027	\$7,680	6,224,284	0	0	6,027	0	0	7,680	0	0
RS-TOD	Residential - Time of Day Service	63,295	\$72	\$66	63,295	0	0	72	0	0	66	0	0
RS-ES	Residential - Energy Storage	16,678	\$21	\$19	16,678	0	0	21	0	0	19	0	0
GS-1	General Service - Small	205,655,760	\$595,679	\$155,329	24,137	195,771,933	8,859,710	86	531,828	26,785	22	178,278	9,029
GS-1	General Service - Small - Optional Unmetered Service	19,741,139	\$27,795	\$17,911	0	19,686,096	53,103	0	27,720	75	0	17,953	48
GS-2	General Service - Low Load Factor - Secondary Voltage	1,027,831,040	\$2,987,636	\$962,863	20,032	889,429,205	139,382,743	50	2,236,890	360,006	19	845,386	132,268
GS-2	General Service - Low Load Factor - Primary Voltage	54,168,610	\$134,205	\$52,374	0	11,047,420	43,121,190	0	27,370	108,836	0	10,681	41,663
GS-2	GS-2 Load Management Time-of-Day Provision	1,178,178	\$1,765	\$814	0	1,178,178	0	0	1,765	0	0	914	0
GS-2-TOD	General Service - Time-of-Day	7,114,769	\$11,131	\$5,542	0	5,485,106	626,603	0	10,146	985	0	6,052	490
GS-3	General Service - Medium Load Factor - Secondary Voltage	2,894,285,709	\$3,964,720	\$2,503,991	0	2,422,156,702	\$12,139,007	0	3,272,738	861,896	0	2,068,056	437,035
GS-3	General Service - Medium Load Factor - Primary Voltage	1,953,469,561	\$2,173,635	\$1,476,764	0	905,536,113	1,056,853,468	0	1,003,708	1,170,227	0	681,838	784,667
GS-3	GS-3 Load Management Time-of-Day Provision	3,416,908	\$1,489	\$2,214	0	3,416,908	0	0	1,489	0	0	2,214	0
GS-4/IRP-D	General Service - Large / Interruptible Power - Discretionary	3,700,591,045	\$1,993,719	\$2,460,827	0	534,145,818	3,166,445,227	0	286,531	1,867,398	0	399,528	2,131,300
AL	Area Lighting	38,378,642	\$63,233	\$914	11,248,534	24,540,122	2,560,186	18,533	40,422	4,268	239	520	55
SL	Street Lighting	43,103,463	\$44,342	\$1,018	0	43,103,463	0	0	44,342	0	0	1,018	0
SBS	Standby Service	4,245,758	\$8,737	\$5,456	0	0	4,245,758	0	0	5,737	0	0	5,456
Total CSP		17,474,000,092	\$20,120,014	\$18,973,237	7,482,900,002	5,056,500,005	4,835,389,995	\$8,579,277	\$7,494,549	\$4,036,188	\$9,244,337	\$4,175,250	\$3,553,351
			\$1.15	\$0.97				\$1.15	\$1.46	\$0.82	\$1.24	\$0.93	\$0.72
RS	Residential Service	7,826,480,394	\$6,000,800	\$8,000,014	7,826,451,339	29,055		6,000,675	24	0	8,000,976	36	0
RS-TOD	Residential - Time of Day Service	8,866,863	\$6,046	\$9,218	8,866,863			6,046	0	0	9,218	0	0
GS-1	General Service - Non-Demand Metered	353,077,211	\$410,224	\$430,363	13,888	334,881,137	18,082,085	16	385,199	21,009	13	304,124	16,416
GS-1	GS-1 On-Peak	816,841	\$876	\$620		572,669	244,172	0	474	202	0	435	185
GS-1	General Service - Non-Demand Unmetered	2,318,344	\$2,694	\$2,058		2,285,147	23,197	0	2,697	27	0	2,048	21
GS-2	General Service - Low Load Factor - Secondary Voltage	2,570,066,631	\$2,600,594	\$2,626,506	6,258	2,033,245,165	536,815,190	7	2,126,988	581,890	6	2,001,228	526,262
GS-2	General Service - Low Load Factor - Primary Voltage	410,209,280	\$429,626	\$388,404		58,292,638	351,946,652	0	60,452	305,174	0	55,106	333,238
GS-2	General Service - Low Load Factor - Subtransmission Voltage	217,090,388	\$228,311	\$194,399		9,919,709	208,070,619	0	5,495	210,825	0	8,077	166,322
GS-2	General Service - Low Load Factor - Transmission Voltage	78,440,782	\$77,570	\$96,799		14,273,469	62,167,313	0	14,559	63,411	0	12,473	54,326
GS-2	GS-2 Energy Storage Provision	2,140,072	\$1,252	\$1,202		1,810,276	328,798	0	1,080	182	0	1,271	231
GS-2	GS-2 Recreational Lighting	7,376,796	\$7,363	\$8,050		7,247,764	129,014	0	7,254	129	0	8,737	120
GS	General Service - Time-of-Day	100,030,231	\$74,891	\$94,189		92,003,430	8,034,801	0	89,456	6,429	0	75,998	7,223
GS-3	General Service - Medium/High Load Factor - Secondary Voltage	2,637,907,297	\$1,888,301	\$2,159,994		1,961,847,062	670,060,335	0	1,410,304	495,996	0	1,003,194	553,501
GS-3	General Service - Medium/High Load Factor - Primary Voltage	2,612,509,082	\$1,703,370	\$1,955,740		702,750,188	1,909,817,898	0	474,864	1,200,508	0	626,065	1,429,653
GS-3	General Service - Medium/High Load Factor - Subtransmission Voltage	687,013,023	\$620,475	\$457,214		20,607,498	666,805,664	0	14,346	805,130	0	15,195	642,019
GS-3	General Service - Medium/High Load Factor - Transmission Voltage	45,078,890	\$26,644	\$32,424		11,771,188	33,307,804	0	7,532	21,212	0	8,467	23,068
GS-4/IRP-D	General Service - Large / Interruptible Power - Discretionary - Primary Voltage	286,149,072	\$157,224	\$182,400		0	286,149,072	0	0	167,224	0	0	182,400
GS-4/IRP-D	General Service - Large / Interruptible Power - Discretionary - Subtransmission Voltage	2,378,949,381	\$1,468,146	\$1,605,130		0	2,378,949,381	0	0	1,468,146	0	0	1,605,130
GS-4/IRP-D	General Service - Large / Interruptible Power - Discretionary - Transmission Voltage	6,940,600,475	\$2,867,694	\$2,960,740		0	6,940,600,475	0	0	2,867,694	0	0	2,960,740
EHG	Electric Heating General	22,051,078	\$11,107	\$21,460		20,969,318	1,081,758	0	10,966	539	0	20,417	1,033
EHS	Electric Heating Schools	397,293	\$0	\$362		397,293	0	0	0	0	0	362	0
SS	School Service	41,629,329	\$35,056	\$41,229		41,629,329	0	0	35,056	0	0	41,229	0
FL	Flood Pumping	513,289	\$73	\$437		513,289	0	0	73	0	0	437	0
OL	Outdoor Lighting	56,043,254	\$131,845	\$7,189	14,031,852	35,234,311	6,777,091	33,011	82,891	16,944	296	747	144
SL	Street Lighting	86,516,375	\$186,745	\$1,570		86,516,375	0	0	186,745	0	0	1,570	0
SBS	Standby Service	235,436	\$3,686	\$5,866		97,850	137,786	0	1,380	2,145	0	3,680	5,207
Total OP		28,026,500,007	\$19,076,002	\$22,222,705	7,349,369,998	5,410,200,007	13,263,900,002	\$6,648,755	\$4,590,226	\$6,141,021	\$8,968,512	\$4,692,982	\$5,030,231
			\$0.73	\$0.85				\$0.82	\$0.80	\$0.61	\$1.22	\$0.97	\$0.84
Total AEP Ohio		43,563,500,008	\$38,196,016	\$46,196,242	14,831,600,006	10,472,706,612	18,199,598,997	\$16,425,631	\$12,379,776	\$12,197,260	\$20,244,348	\$18,988,211	\$12,063,631
			\$0.88	\$0.96				\$0.90	\$1.19	\$0.67	\$1.33	\$0.85	\$0.66

Fuel Prices

			Current	Proposed	Revenue Class kWh			Current Revenue			Proposed Revenue		
					R	C	I	R	C	I	R	C	I
R-R	Residential Service	9,490,903,847	\$236,130,061	\$218,467,176	6,490,902,432	1,416	0	236,130,060	82	0	218,467,127	47	0
R-R-1	Residential - Small Use Load Management Service	1,013,807,138	\$36,948,471	\$34,012,501	1,013,806,612	526	0	36,948,452	19	0	34,012,483	18	0
RUM	Residential - Optional Demand Service	6,224,294	\$226,550	\$209,963	6,224,254	0	0	220,800	0	0	209,863	0	0
RS-TOD	Residential - Time of Day Service	63,295	\$2,307	\$2,124	63,295	0	0	2,307	9	0	2,124	0	0
RS-ES	Residential - Energy Storage	16,676	\$608	\$580	16,676	0	0	608	0	0	580	0	0
GS-1	General Service - Small	205,625,790	\$7,496,397	\$6,901,006	24,137	188,771,933	8,899,710	880	7,138,024	359,358	810	6,669,343	330,653
GB-1	General Service - Small - Optional Unmetered Service	18,741,139	\$719,575	\$692,430	0	18,806,006	33,103	0	717,643	1,806	0	690,654	1,782
GS-2	General Service - Low Load Factor - Secondary Voltage	1,027,831,040	\$37,466,161	\$34,400,004	20,032	888,428,266	130,382,740	730	32,383,832	6,080,898	872	29,812,188	4,877,141
GS-2	General Service - Low Load Factor - Primary Voltage	54,168,610	\$1,910,093	\$1,754,635	0	11,947,420	43,121,190	0	389,592	1,530,331	0	557,849	1,598,768
GS-2	GS-2 Load Management Time-of-Day Provision	1,178,176	\$42,545	\$39,936	0	1,178,176	0	0	42,545	0	0	39,936	0
GS-2-TOD	General Service - Time-of-Day	7,114,709	\$259,256	\$236,742	0	6,486,106	828,603	0	236,387	22,549	0	217,816	21,127
GS-3	General Service - Medium Load Factor - Secondary Voltage	2,494,295,709	\$105,867,133	\$98,483,520	0	2,422,195,702	512,136,007	0	88,269,307	19,867,625	0	81,276,333	17,185,306
GS-3	General Service - Medium Load Factor - Primary Voltage	1,993,489,581	\$69,229,471	\$63,600,903	0	908,536,113	1,038,933,495	0	31,968,095	\$7,269,397	0	29,364,608	\$4,236,295
GS-3	GS-3 Load Management Time-of-Day Provision	3,416,908	\$124,549	\$114,159	0	3,416,908	0	0	124,549	0	0	114,159	0
GS-4 / I / RP-D	General Service - Large / Interruptible Power - Discretionary	3,700,981,046	\$123,016,656	\$117,481,584	0	834,148,818	3,186,446,227	0	18,477,867	109,637,790	0	16,957,367	109,524,187
AL	Area Lighting	38,578,847	\$1,398,906	\$1,297,944	11,248,534	24,548,122	2,590,166	410,917	684,985	84,414	377,457	823,471	88,917
SL	Street Lighting	40,103,483	\$1,571,151	\$1,468,384	0	43,103,483	0	0	1,571,151	0	0	1,468,384	0
SBS	Standby Service	4,246,758	\$146,675	\$134,768	0	0	4,246,758	0	0	146,675	0	0	134,768
Total CSP		17,474,000,002	\$627,699,298	\$577,307,228	7,482,100,062	5,096,500,008	4,925,359,595	\$272,737,733	\$187,229,927	\$172,301,568	\$251,673,698	\$187,641,683	\$158,595,764
			\$35.92	\$33.04				\$36.45	\$36.04	\$34.99	\$33.66	\$33.16	\$32.13
RS	Residential Service	7,326,480,394	\$231,801,048	\$246,846,109	7,326,461,238	26,055		231,800,129	919	0	246,847,134	978	0
RS-TOD	Residential - Time of Day Service	6,886,513	\$281,477	\$290,534	6,886,563			281,477	0	0	290,534	0	0
GS-1	General Service - Non Demand Metered	353,077,211	\$11,179,888	\$11,847,894	13,888	334,951,137	13,002,006	443	16,588,491	572,096	469	11,240,861	896,764
GS-1	GS-1 On-Peak	816,841	\$25,544	\$27,410		572,699	244,172	0	18,119	7,725	0	19,217	8,193
GS-1	General Service - Non Demand Unmetered	2,318,344	\$73,260	\$77,706		2,295,147	23,197	0	72,616	734	0	77,816	773
GS-2	General Service - Low Load Factor - Secondary Voltage	2,570,095,631	\$81,513,854	\$86,341,413	8,256	2,033,245,105	535,813,180	198	64,285,438	16,584,168	210	59,237,779	16,613,424
GS-2	General Service - Low Load Factor - Primary Voltage	410,209,280	\$12,513,567	\$12,237,540		68,252,638	361,946,562	0	1,777,319	10,738,228	0	1,867,248	11,400,291
GS-2	General Service - Low Load Factor - Subtransmission Voltage	217,040,388	\$6,463,280	\$6,861,903		9,019,769	208,070,519	0	286,539	6,194,741	0	288,348	6,605,598
GS-2	General Service - Low Load Factor - Transmission Voltage	75,440,782	\$2,275,618	\$2,426,743		14,273,469	62,167,313	0	404,854	1,650,884	0	453,196	1,973,087
GS-2	GS-2 Energy Storage Provision	2,145,072	\$67,699	\$72,014		1,816,276	329,796	0	67,446	10,404	0	69,847	11,067
GS-2	GS-2 Recreational Lighting	7,376,708	\$233,583	\$247,537		7,247,784	129,014	0	239,311	4,862	0	243,207	4,329
GS	General Service - Time-of-Day	100,608,251	\$3,164,073	\$3,377,027		92,003,430	8,854,601	0	2,918,878	273,185	0	3,067,278	289,750
GS-3	General Service - Medium/High Load Factor - Secondary Voltage	2,637,807,387	\$83,489,225	\$89,577,004		1,981,847,082	676,960,336	0	62,678,487	21,389,738	0	65,831,898	22,685,948
GS-3	General Service - Medium/High Load Factor - Primary Voltage	2,612,508,082	\$79,867,173	\$84,836,567		702,750,196	1,909,817,896	0	21,437,605	\$3,259,568	0	22,763,954	\$1,863,012
GS-3	General Service - Medium/High Load Factor - Subtransmission Voltage	887,013,023	\$26,406,418	\$28,159,736		23,507,458	868,505,564	0	818,334	23,797,884	0	861,044	27,504,892
GS-3	General Service - Medium/High Load Factor - Transmission Voltage	45,078,980	\$1,342,105	\$1,431,108		11,771,196	33,307,804	0	380,486	991,860	0	373,696	1,067,413
GS-4 / I / RP-D	General Service - Large / Interruptible Power - Discretionary - Primary Voltage	298,148,072	\$8,118,057	\$8,821,127		0	295,148,072	0	0	8,118,057	0	0	8,821,127
GS-4 / I / RP-D	General Service - Large / Interruptible Power - Discretionary - Subtransmission Voltage	2,378,948,381	\$70,767,290	\$75,460,240		0	2,378,948,381	0	0	70,767,290	0	0	75,460,240
GS-4 / I / RP-D	General Service - Large / Interruptible Power - Discretionary - Transmission Voltage	5,940,680,475	\$175,008,019	\$189,587,316		0	5,940,680,475	0	0	175,008,019	0	0	189,587,316
EHG	Electric Heating General	22,061,076	\$807,070	\$730,946		20,859,318	1,061,758	0	884,077	33,863	0	764,329	35,628
EHG	Electric Heating Schools	387,263	\$12,579	\$13,332		387,263	0	0	12,579	0	0	13,332	0
SG	School Service	41,028,328	\$1,323,430	\$1,403,829		41,028,328	0	0	1,323,430	0	0	1,403,829	0
FL	Flood Pumping	513,288	\$16,240	\$17,224		513,288	0	0	16,240	0	0	17,224	0
OL	Outdoor Lighting	56,043,254	\$1,773,141	\$1,880,893		14,031,852	35,234,311	5,777,291	443,951	1,314,771	214,419	470,854	1,382,328
SL	Street Lighting	68,518,375	\$2,104,486	\$2,232,030		65,516,375	0	0	2,104,490	0	0	2,232,030	0
SBS	Standby Service	236,436	\$7,409	\$7,474		87,660	137,786	0	7,007	4,902	0	5,100	4,374
Total CSP		26,099,500,007	\$892,891,207	\$952,352,168	7,348,369,068	5,416,206,007	13,363,900,002	\$232,536,197	\$170,395,954	\$399,079,497	\$245,617,201	\$180,780,002	\$424,974,995
			\$30.81	\$32.75				\$31.64	\$31.46	\$30.69	\$33.66	\$33.37	\$32.04
Total REP Ohio		43,643,649,608	\$1,428,895,806	\$1,455,005,419	14,951,000,000	16,472,700,012	15,199,239,897	\$846,263,878	\$662,625,481	\$871,761,146	\$497,697,397	\$348,491,871	\$693,676,289
			\$32.84	\$32.84				\$34.87	\$33.87	\$31.42	\$33.88	\$33.27	\$32.87

LAURA J. THOMAS WORKPAPERS

CSP and OPC Competitive Benchmark Pricing
Privileged and Confidential

	Tot Res				Tot Com				Tot Ind			
	2012	2013	2014	Jan-13 - May-14	2012	2013	2014	Jan-13 - May-14	2012	2013	2014	Jan-13 - May-14
1 ATC Simple Swap	40.59	43.50	47.68	45.06	40.59	43.50	47.68	45.06	40.59	43.50	47.68	45.06
2 Basis	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
3 Load Shape and Following	6.54	6.85	7.27	6.50	3.17	3.24	3.39	3.09	2.77	2.86	3.04	2.95
4 Retail Administration	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
5 All Energy Req.	0.54	0.75	0.91	0.79	0.54	0.75	0.91	0.79	0.54	0.75	0.91	0.79
6 Ancillaries	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
7 Losses	3.04	3.24	3.53	3.32	1.78	1.89	2.06	1.95	0.79	0.84	0.92	0.87
8 Capacity	28.50	28.14	28.22	28.31	23.04	22.20	22.04	22.39	16.28	16.50	16.64	16.39
9 ARR Credit	(1.40)	(1.39)	(1.40)	(1.40)	(1.06)	(1.05)	(1.04)	(1.05)	(0.93)	(0.93)	(0.94)	(0.92)
10 Transaction Risk Adder	4.20	4.36	4.62	4.44	3.71	3.84	4.06	3.92	3.31	3.49	3.72	3.57
Total	88.18	91.63	97.01	93.20	77.94	80.54	85.28	82.34	69.53	73.19	78.15	74.90

Item Description

- 1 Platts AEPDAY: average of 1st five trade dates of each quarter 2010
- 2 AEPDAY to AEP Zone DA Nov-09 - Oct-10
- 3 AEPDAY RT Nov-07 - Oct-10 avg. seasonal shape; AEP Zone Scalars Nov-07 - Oct-10; Vols provided by John K 10/29/10
- 4 As filed in 2008
- 5 Based on a blend of available market quotes for RECs and Ohio Alternative Compliance Penalty (ACP) values
- 6 Based on Nov-09 - Oct-10; Marginal loss overcollection @ 70% of 12 month historical (\$1.00); Op Res based on RTO error
- 7 Using distribution losses provided in last filing; AEP Zone deration factors Nov-09 - Oct-10
- 8 Price based on filed CSP and OP (weighted average for combined) capacity prices
PY capacity volumes based on prior summer's five daily peaks and adjusted for historical diversity factor
- 9 Based on 75% PY 10/11 FTR auction
Calendar ARR volumes based on peak of prior Nov-Dec period
- 10 Set at 5% of Mid

AEP-Ohio
Electric Security Plan
Market Rate Option Test

		CSP	OPCo		CSP	OPCo		
		2012	2012	2012	Jan 2013 - May 2014	Jan 2013 - May 2014	Jan 2013 - May 2014	Wtd Average (3) = weighted (1) and (2)
<u>Generation Service Price</u>				(1)			(2)	
1	2011 Base ESP 'g' Rate	22.41	23.65	23.15	22.34	23.55	23.07	23.10
2	2011 Full Fuel*	35.92	30.81	32.86	35.92	30.81	32.86	32.86
3	2011 Environmental Compliance Costs **	1.15	0.73	0.90	1.15	0.73	0.90	0.90
4	Total Generation Service Price	59.48	55.19	56.91	59.41	55.09	56.82	56.86
<u>Expected Bid Price</u>								
5	Competitive Benchmark	79.95	76.55	77.91	84.95	81.53	82.90	80.83
<u>MRO Pricing</u>								
6	Generation Service Price	59.48	55.19	56.91	59.41	55.09	56.82	56.86
7	Generation Service Weight	90%	90%	90%	77%	77%	77%	
8	Expected Bid Price	79.95	76.55	77.91	84.95	81.53	82.90	80.83
9	Expected Bid Weight	10%	10%	10%	23%	23%	23%	
10	MRO Annual Price	61.53	57.33	59.01	65.28	61.17	62.82	61.23
<u>MRO - ESP Price Comparison</u>								
11	MRO Annual Price	61.53	57.33	59.01	65.28	61.17	62.82	61.23
12	Proposed ESP Price	60.49	57.03	58.42	63.18	59.24	60.82	59.82
13	ESP Price Benefit	1.04	0.30	0.59	2.10	1.93	2.00	1.41

* Includes "Renewable and Energy Efficiency Adjustment"

** Assumes no lag in recovery or 2009-2011 carrying costs

OHIO POWER COMPANY
Environmental Carrying Costs
Based on Current Environmental Rider Methodology
\$000

<u>Ln. No.</u>	<u>Description</u>	<u>Source</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
1	Annual Environmental Spend	2009 Compliance filing, 2010 A. Moore wp 2011-2014 from 8/4/10 New Env Compl Plan	\$ 157,104	\$ 59,623	\$ 22,326
2	Carrying Cost Rate 25 Yr Property	13.59%			13.59%
3	Adjustment for build up during year	50.00%			50.00%
4	Environmental Carrying Charges	Ln. 1 x Ln. 2 x Ln. 3			\$ 1,517
5	Pool Capacity Allocation Factors				69.4%
6	Carrying Costs Internal Load	Ln. 4 x Ln. 5			\$ 1,053
7	Jurisdictional Allocation Factor				92.3%
8	Juris. Rev. Requirement (RR)	Ln. 6 x Ln. 7	<u>\$ 8,176</u>	<u>\$ 2,307</u>	<u>\$ 972</u>
9	Recovery of prior env spend	On-going cc on 2009 investment - Compl. Filing		\$ 13,140	\$ 13,140
10		On-going cc on 2010 investment - A. Moore wp			\$ 5,100
11	Prior year x 2 to reflect full year	2011 x 2			
12		2012 x 2			
13		2013 x 2			
14	Total Revenue Requirement	Sum Lns. 7 through 12	\$ 8,176	\$ 15,447	\$ 19,212
15	Annual mWh	Roush WP / Forecast			26,469,000
16	\$/mWh	Ln.13 / Ln. 15			0.73

Prepared assuming proposed methodology of current year recovery plus true-up

COLUMBUS SOUTHERN POWER COMPANY
Environmental Carrying Costs
Based on Current Environmental Rider Methodology
\$000

<u>Ln. No.</u>	<u>Description</u>	<u>Source</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
1	Annual Environmental Spend	2009 Compliance filing, 2010 A. Moore wp 2011-2014 from 8/4/10 New Env Compl Plan	\$ 78,074	\$ 67,758	\$ 14,959
2	Carrying Cost Rate 25 Yr Property	13.59%			13.59%
3	Adjustment for build up during year	50.00%			50.00%
4	Environmental Carrying Charges	Ln. 1 x Ln. 2 x Ln. 3			\$ 1,016
5	Pool Capacity Allocation Factors				102.3%
6	Carrying Costs Internal Load	Ln. 4 x Ln. 5			\$ 1,039
7	Jurisdictional Allocation Factor				100.0%
8	Juris. Rev. Requirement (RR)	Ln. 6 x Ln. 7	<u>\$ 5,236</u>	<u>\$ 3,133</u>	<u>\$ 1,039</u>
9	Recovery of prior env spend	On-going cc on 2009 investment - Compl. Filing		\$ 10,668	\$ 10,668
10		On-going cc on 2010 investment - A. Moore wp			\$ 9,420
11	Prior year x 2 to reflect full year	2011 x 2			
12		2012 x 2			
13		2013 x 2			
14	Total Revenue Requirement	Sum Lns. 7 through 12	\$ 5,236	\$ 13,801	\$ 21,127
15	Annual mWh	Roush WP/Forecast			18,349,000
16	\$/mWh	Ln.13 / Ln. 15			1.15

Prepared assuming proposed methodology of current year recovery plus true-up

AEP-Ohio

Weighted Average Market Prices based on AEP-Ohio Composite Market Prices

	2012	2013	2014	Total 2012 2014		2013	Jan-May 2014	Total Jan 2013- May 2014
CSP								
Residential	88.18	91.63	97.01	92.28		93.20	93.20	93.20
Commercial	77.94	80.54	85.28	81.22		82.34	82.34	82.34
Industrial	69.53	73.19	78.15	73.61		74.90	74.90	74.90
Total	79.95	83.23	88.36	83.83		84.91	85.04	84.95

29 Month Proposed ESP Period		
2012	Jan 2013- May 2014	Total Jan 2012-May 2014
88.18	93.20	91.13
77.94	82.34	80.47
69.53	74.90	72.67
79.95	84.95	82.86

	2012	2013	2014	Total 2012 2014		2013	Jan-May 2014	Total Jan 2013- May 2014
OPCo								
Residential	88.18	91.63	97.01	92.24		93.20	93.20	93.20
Commercial	77.94	80.54	85.28	81.19		82.34	82.34	82.34
Industrial	69.53	73.19	78.15	73.65		74.90	74.90	74.90
Total	76.55	79.84	84.82	80.39		81.53	81.55	81.53

2012	Jan 2013- May 2014	Total Jan 2012-May 2014
88.18	93.20	91.11
77.94	82.34	80.45
69.53	74.90	72.70
76.55	81.53	79.46

	2012	2013	2014	Total 2012 2014		2013	Jan-May 2014	Total Jan 2013- May 2014
AEP-Ohio								
Residential	88.18	91.63	97.01	92.26		93.20	93.20	93.20
Commercial	77.94	80.54	85.28	81.20		82.34	82.34	82.34
Industrial	69.53	73.19	78.15	73.64		74.90	74.90	74.90
Total	77.91	81.20	86.24	81.77		82.89	82.93	82.90

2012	Jan 2013- May 2014	Total Jan 2012-May 2014
88.18	93.20	91.12
77.94	82.34	80.46
69.53	74.90	72.69
77.91	82.90	80.82

AEP-Ohio

Weighted Average 2011 Base Generation Prices

	2012	2013	2014	Total 2012 2014		2013	Jan-May 2014	Total Jan 2013- May 2014
CSP								
Residential	22.34	22.34	22.34	22.34		22.34	22.34	22.34
Commercial	28.36	28.36	28.36	28.36		28.36	28.36	28.36
Industrial	16.40	16.40	16.40	16.40		16.40	16.40	16.40
Total	22.40	22.36	22.37	22.38		22.36	22.25	22.33

29 Month Proposed ESP Period		
2012	Jan 2013- May 2014	Total Jan 2012-May 2014
22.34	22.34	22.34
28.36	28.36	28.36
16.40	16.40	16.40
22.40	22.33	22.36

	2012	2013	2014	Total 2012 2014		2013	Jan-May 2014	Total Jan 2013- May 2014
OPCo								
Residential	26.41	26.41	26.41	26.41		26.41	26.41	26.41
Commercial	28.74	28.74	28.74	28.74		28.74	28.74	28.74
Industrial	20.05	20.05	20.05	20.05		20.05	20.05	20.05
Total	23.65	23.56	23.54	23.59		23.56	23.53	23.55

2012	Jan 2013- May 2014	Total Jan 2012-May 2014
26.41	26.41	26.41
28.74	28.74	28.74
20.05	20.05	20.05
23.65	23.55	23.59

	2012	2013	2014	Total 2012 2014		2013	Jan-May 2014	Total Jan 2013- May 2014
AEP-Ohio								
Residential	24.36	24.34	24.33	24.34		24.34	24.35	24.35
Commercial	28.56	28.55	28.55	28.55		28.55	28.56	28.55
Industrial	19.06	19.07	19.08	19.07		19.07	19.09	19.07
Total	23.15	23.08	23.07	23.10		23.08	23.02	23.06

2012	Jan 2013- May 2014	Total Jan 2012-May 2014
24.36	24.35	24.35
28.56	28.55	28.56
19.06	19.07	19.07
23.15	23.06	23.10

AEP-Ohio
Forecasted Non-Shopping Load (MWH)

	2012	2013	2014	Total 2012 2014		2013	Jan-May 2014	Total Jan 2013- May 2014
CSP								
Residential	7,482,100	7,504,000	7,510,000	22,496,100		7,504,000	3,138,200	10,642,200
Commercial	5,056,500	4,931,000	4,908,000	14,895,500		4,931,000	1,891,200	6,822,200
Industrial	4,935,400	4,950,000	4,888,000	14,773,400		4,950,000	2,020,900	6,970,900
Total	17,474,000	17,385,000	17,306,000	52,165,000		17,385,000	7,050,300	24,435,300

29 Month Proposed ESP Period		
2012	Jan 2013- May 2014	Total Jan 2012- May 2014
7,482,100	10,642,200	18,124,300
5,056,500	6,822,200	11,878,700
4,935,400	6,970,900	11,906,300
17,474,000	24,435,300	41,909,300

	2012	2013	2014	Total 2012 2014		2013	Jan-May 2014	Total Jan 2013- May 2014
OPCo								
Residential	7,349,400	7,267,000	7,187,000	21,803,400		7,267,000	3,070,700	10,337,700
Commercial	5,416,200	5,114,000	5,101,000	15,631,200		5,114,000	2,057,400	7,171,400
Industrial	13,263,900	13,431,000	13,503,000	40,197,900		13,431,000	5,625,900	19,056,900
Total	26,029,500	25,812,000	25,791,000	77,632,500		25,812,000	10,754,000	36,566,000

2012	Jan 2013- May 2014	Total Jan 2012- May 2014
7,349,400	10,337,700	17,687,100
5,416,200	7,171,400	12,587,600
13,263,900	19,056,900	32,320,800
26,029,500	36,566,000	62,595,500

	2012	2013	2014	Total 2012 2014		2013	Jan-May 2014	Total Jan 2013- May 2014
AEP-Ohio								
Residential	14,831,500	14,771,000	14,697,000	44,299,500		14,771,000	6,208,900	20,979,900
Commercial	10,472,700	10,045,000	10,009,000	30,526,700		10,045,000	3,948,600	13,993,600
Industrial	18,199,300	18,381,000	18,391,000	54,971,300		18,381,000	7,646,800	26,027,800
Total	43,503,500	43,197,000	43,097,000	129,797,500		43,197,000	17,804,300	61,001,300

2012	Jan 2013- May 2014	Total Jan 2012- May 2014
14,831,500	20,979,900	35,811,400
10,472,700	13,993,600	24,466,300
18,199,300	26,027,800	44,227,100
43,503,500	61,001,300	104,504,800

AEP-Ohio

Forecasted Connected Load (MWH)

	2012	2013	2014	Total 2012-2014	2013	Jan-May 2014	Total Jan 2013-May 2014
CSP							
Residential	7,482,000	7,504,000	7,510,000	22,496,000	7,504,000	3,138,200	10,642,200
Commercial	8,790,000	8,878,000	8,895,000	26,563,000	8,878,000	1,891,200	10,769,200
Industrial	4,935,000	4,950,000	4,888,000	14,773,000	4,950,000	2,020,900	6,970,900
Total	21,207,000	21,332,000	21,293,000	63,832,000	21,332,000	7,050,300	28,382,300

29 Month Proposed ESP Period		
2012	Jan 2013-May 2014	Total Jan 2012-May 2014
7,482,000	10,642,200	18,124,200
8,790,000	10,769,200	19,559,200
4,935,000	6,970,900	11,905,900
21,207,000	28,382,300	49,589,300

	2012	2013	2014	Total 2012-2014	2013	Jan-May 2014	Total Jan 2013-May 2014
OPCo							
Residential	7,349,000	7,267,000	7,187,000	21,803,000	7,267,000	3,070,700	10,337,700
Commercial	5,856,000	5,866,000	5,860,000	17,582,000	5,866,000	2,057,400	7,923,400
Industrial	13,264,000	13,431,000	13,503,000	40,198,000	13,431,000	5,625,900	19,056,900
Total	26,469,000	26,564,000	26,550,000	79,583,000	26,564,000	10,754,000	37,318,000

2012	Jan 2013-May 2014	Total Jan 2012-May 2014
7,349,000	10,337,700	17,686,700
5,856,000	7,923,400	13,779,400
13,264,000	19,056,900	32,320,900
26,469,000	37,318,000	63,787,000

	2012	2013	2014	Total 2012-2014	2013	Jan-May 2014	Total Jan 2013-May 2014
AEP-Ohio							
Residential	14,831,000	14,771,000	14,697,000	44,299,000	14,771,000	6,208,900	20,979,900
Commercial	14,646,000	14,744,000	14,755,000	44,145,000	14,744,000	3,948,600	18,692,600
Industrial	18,199,000	18,381,000	18,391,000	54,971,000	18,381,000	7,646,800	26,027,800
Total	47,676,000	47,896,000	47,843,000	143,415,000	47,896,000	17,804,300	65,700,300

2012	Jan 2013-May 2014	Total Jan 2012-May 2014
14,831,000	20,979,900	35,810,900
14,646,000	18,692,600	33,338,600
18,199,000	26,027,800	44,226,800
47,676,000	65,700,300	113,376,300

Jan 07 POLR Evaluation													
Customer Class	Interest Rate	Market Rate			ESP (Strike)			Volatility			Unconstrained Option	Switching Constraints	Total POLR
		2012	2013	2014	2012	2013	2014	2012	2013	2014			
Residential	1%	\$88.18	\$91.63	\$97.01	\$67.73	\$71.05	\$71.05	27%	25%	24%	\$4.22	(\$0.28)	\$3.94
Commercial	1%	\$77.94	\$80.54	\$85.28	\$57.56	\$59.84	\$59.84	27%	25%	24%	\$3.02	(\$0.43)	\$2.59
Industrial	1%	\$69.53	\$73.19	\$78.15	\$51.32	\$53.10	\$53.10	27%	25%	24%	\$2.51	(\$0.38)	\$2.13
Weighted Average											\$3.20	(\$0.36)	\$2.84
											MWHs	Class Weight	Total POLR
										Residential	35,810,900	32%	\$1.24
										Commercial	33,338,600	29%	\$0.76
										Industrial	44,226,800	39%	\$0.83
										Total	113,376,300	100%	\$2.84
											MWHs	Class Weight	Unconstrained Option
										Residential	35,810,900	32%	\$1.33
										Commercial	33,338,600	29%	\$0.89
										Industrial	44,226,800	39%	\$0.98
										Total	113,376,300	100%	\$3.20

Month	OP MWh - Internal Load	OP MWh - CRES Supplied	OP MWh - Total Load	OP % - CRES Supplied	CSP MWh - Internal Load	CSP MWh - CRES Supplied	CSP MWh - Total Load	CSP % - CRES Supplied	AEP Ohio MWh - Internal Load	AEP Ohio MWh - CRES Supplied	AEP Ohio MWh - Total Load	AEP Ohio % - CRES Supplied
Jan-10	2,887,396		2,887,396		2,051,211	16,164	2,067,375	0.78%	4,938,607	16,164	4,954,771	0.326%
Feb-10	2,588,637		2,588,637		1,824,413	13,142	1,837,555	0.72%	4,413,050	13,142	4,426,192	0.297%
Mar-10	2,581,513		2,581,513		1,725,880	17,189	1,743,069	0.99%	4,307,393	17,189	4,324,582	0.397%
Apr-10	2,291,558		2,291,558		1,532,586	18,815	1,551,401	1.21%	3,824,144	18,815	3,842,959	0.490%
May-10	2,445,382		2,445,382		1,715,802	25,842	1,741,644	1.48%	4,161,184	25,842	4,187,026	0.617%
Jun-10	2,620,490	10	2,620,500	0.00%	1,989,248	31,644	2,020,892	1.57%	4,609,738	31,654	4,641,392	0.682%
Jul-10	2,879,172	54	2,879,226	0.00%	2,208,743	46,816	2,255,559	2.08%	5,087,915	46,870	5,134,785	0.913%
Aug-10	2,801,471	203	2,801,674	0.01%	2,136,359	68,604	2,204,963	3.11%	4,937,830	68,807	5,006,637	1.374%
Sep-10	2,378,643	221	2,378,864	0.01%	1,690,011	90,733	1,780,744	5.10%	4,068,654	90,954	4,159,608	2.187%
Oct-10	2,367,821	409	2,368,230	0.02%	1,506,875	124,560	1,631,435	7.64%	3,874,696	124,969	3,999,665	3.124%
Nov-10	2,454,284	1,298	2,455,582	0.05%	1,554,758	156,648	1,711,406	9.15%	4,009,042	157,946	4,166,988	3.790%

**Summary of Switch Rates from EDUs to CRES Providers in Terms of Sales
For the Month Ending March 31, 2009
(MWh)**

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Cleveland Electric Illuminating Company	CEI	31-Mar	2009	444320	387162	581831	1432718
CRES Providers	CEI	31-Mar	2009	24	0	0	24
Total Sales	CEI	31-Mar	2009	444344	387162	581831	1432742
EDU Share	CEI	31-Mar	2009	99.99%	100.00%	100.00%	100.00%
Electric Choice Sales Switch Rates	CEI	31-Mar	2009	0.01%	0.00%	0.00%	0.00%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Duke Energy Ohio	DUKE	31-Mar	2009	540480	448235	284948	1380420
CRES Providers	DUKE	31-Mar	2009	16232	27914	1256	45402
Total Sales	DUKE	31-Mar	2009	556712	476149	286204	1425822
EDU Share	DUKE	31-Mar	2009	97.08%	94.14%	99.58%	96.82%
Electric Choice Sales Switch Rates	DUKE	31-Mar	2009	2.92%	5.86%	0.44%	3.18%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Columbus Southern Power Company	CSP	31-Mar	2009	593010	668841	429781	1696923
CRES Providers	CSP	31-Mar	2009	0	14016	0	14016
Total Sales	CSP	31-Mar	2009	593010	682857	429781	1710939
EDU Share	CSP	31-Mar	2009	100.000%	97.947%	100.000%	99.181%
Electric Choice Sales Switch Rates	CSP	31-Mar	2009	0.000%	2.053%	0.000%	0.819%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
The Dayton Power and Light Company	DPL	31-Mar	2009	467458	292134	177676	1016834
CRES Providers	DPL	31-Mar	2009	0	5022	78667	114121
Total Sales	DPL	31-Mar	2009	467458	297156	256343	1130955
EDU Share	DPL	31-Mar	2009	100.00%	98.31%	69.31%	89.91%
Electric Choice Sales Switch Rates	DPL	31-Mar	2009	0.00%	1.69%	30.69%	10.09%

Source: PUCO, Division of Market Monitoring & Assessment.

Note1: Total sales includes residential, commercial, industrial and other sales.

Note2: The switch rate calculation is intended to present the broadest possible picture of the state of retail electric competition in Ohio.

Appropriate calculations made for other purposes may be based on different data, and may yield different results.

Note3: American Electric Power, through its Columbus Southern Power subsidiary, purchased Monongahela Power Company's Ohio transmission and distribution operations in January 2006. Monongahela Power is no longer an electric distribution utility in Ohio. Previously reported Monongahela sales and customers are now being reported by CSP.

Note4: Duke Energy Ohio (formerly CG&E)

**Summary of Switch Rates from EDUs to CRES Providers in Terms of Sales
For the Month Ending March 31, 2009
(MWh)**

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Monongahela Power Company	MON	31-Mar	2009	0	0	0	0
CRES Providers	MON	31-Mar	2009	0	0	0	0
Total Sales	MON	31-Mar	2009	0	0	0	0
EDU Share	MON	31-Mar	2009	0%	0%	0%	0%
Electric Choice Sales Switch Rates	MON	31-Mar	2009	0%	0%	0%	0%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Ohio Edison Company	OEC	31-Mar	2009	805930	553753	605164	1980191
CRES Providers	OEC	31-Mar	2009	0	0	182	182
Total Sales	OEC	31-Mar	2009	805930	553753	605326	1980353
EDU Share	OEC	31-Mar	2009	100.00%	100.00%	99.97%	99.99%
Electric Choice Sales Switch Rates	OEC	31-Mar	2009	0.00%	0.00%	0.03%	0.01%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Ohio Power Company	OP	31-Mar	2009	614710	456482	1024690	2102666
CRES Providers	OP	31-Mar	2009	0	0	0	0
Total Sales	OP	31-Mar	2009	614710	456482	1024690	2102666
EDU Share	OP	31-Mar	2009	100.00%	100.00%	100.00%	100.00%
Electric Choice Sales Switch Rates	OP	31-Mar	2009	0.00%	0.00%	0.00%	0.00%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Toledo Edison Company	TE	31-Mar	2009	193914	213732	365749	783623
CRES Providers	TE	31-Mar	2009	0	0	0	0
Total Sales	TE	31-Mar	2009	193914	213732	365749	783623
EDU Share	TE	31-Mar	2009	100.00%	100.00%	100.00%	100.00%
Electric Choice Sales Switch Rates	TE	31-Mar	2009	0.00%	0.00%	0.00%	0.00%

Source: PUCO, Division of Market Monitoring & Assessment.

Note1: Total sales includes residential, commercial, industrial and other sales.

Note2: The switch rate calculation is intended to present the broadest possible picture of the state of retail electric competition in Ohio.

Appropriate calculations made for other purposes may be based on different data, and may yield different results.

Note3: American Electric Power, through its Columbus Southern Power subsidiary, purchased Monongahela Power Company's Ohio transmission and distribution operations in January 2006. Monongahela Power is no longer an electric distribution utility in Ohio.

Previously reported Monongahela sales and customers are now being reported by CSP.

Note4: Duke Energy Ohio (formerly CG&E)

**Summary of Switch Rates from EDUs to CRES Providers in Terms of Sales
For the Month Ending June 30, 2009
(MWh)**

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Cleveland Electric Illuminating Company	CEI	30-Jun	2009	361952	376479	563119	1330004
CRES Providers	CEI	30-Jun	2009	0	23	0	23
Total Sales	CEI	30-Jun	2009	361952	376502	563119	1330027
EDU Share	CEI	30-Jun	2009	100.00%	99.99%	100.00%	100.00%
Electric Choice Sales Switch Rates	CEI	30-Jun	2009	0.00%	0.01%	0.00%	0.00%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Duke Energy Ohio	DUKE	30-Jun	2009	506558	537935	426439	1603988
CRES Providers	DUKE	30-Jun	2009	33474	37637	65459	136570
Total Sales	DUKE	30-Jun	2009	540032	575572	491898	1740658
EDU Share	DUKE	30-Jun	2009	93.80%	93.46%	86.69%	92.15%
Electric Choice Sales Switch Rates	DUKE	30-Jun	2009	6.20%	6.54%	13.31%	7.86%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Columbus Southern Power Company	CSP	30-Jun	2009	498102	726100	390676	1619415
CRES Providers	CSP	30-Jun	2009	0	12935	0	12935
Total Sales	CSP	30-Jun	2009	498102	738935	390676	1632250
EDU Share	CSP	30-Jun	2009	100.000%	98.263%	100.000%	99.214%
Electric Choice Sales Switch Rates	CSP	30-Jun	2009	0.000%	1.737%	0.000%	0.786%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
The Dayton Power and Light Company	DPL	30-Jun	2009	370114	330333	202677	988528
CRES Providers	DPL	30-Jun	2009	0	6234	86925	128252
Total Sales	DPL	30-Jun	2009	370114	336567	289602	1116778
EDU Share	DPL	30-Jun	2009	100.00%	98.15%	89.97%	88.52%
Electric Choice Sales Switch Rates	DPL	30-Jun	2009	0.00%	1.85%	10.03%	11.48%

Source: PUCO, Division of Market Monitoring & Assessment.

Note1: Total sales includes residential, commercial, industrial and other sales.

Note2: The switch rate calculation is intended to present the broadest possible picture of the state of retail electric competition in Ohio.

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Note3: American Electric Power, through its Columbus Southern Power subsidiary, purchased Monongahela Power Company's

Ohio transmission and distribution operations in January 2008. Monongahela Power is no longer an electric distribution utility in Ohio.

Previously reported Monongahela sales and customers are now being reported by CSP.

Note4: Duke Energy Ohio (formerly CG&E)

**Summary of Switch Rates from EDUs to CRES Providers in Terms of Sales
For the Month Ending June 30, 2009
(MWh)**

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Monongahela Power Company	MON	30-Jun	2009	0	0	0	0
CRES Providers	MON	30-Jun	2009	0	0	0	0
Total Sales	MON	30-Jun	2009	0	0	0	0
EDU Share	MON	30-Jun	2009	0%	0%	0%	0%
Electric Choice Sales Switch Rates	MON	30-Jun	2009	0%	0%	0%	0%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Ohio Edison Company	OEC	30-Jun	2009	618911	568538	536825	1735631
CRES Providers	OEC	30-Jun	2009	0	220	4	224
Total Sales	OEC	30-Jun	2009	618911	568758	536829	1735855
EDU Share	OEC	30-Jun	2009	100.00%	99.98%	100.00%	99.99%
Electric Choice Sales Switch Rates	OEC	30-Jun	2009	0.00%	0.04%	0.00%	0.01%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Ohio Power Company	OP	30-Jun	2009	455553	476061	913364	1849889
CRES Providers	OP	30-Jun	2009	0	0	0	0
Total Sales	OP	30-Jun	2009	455553	476061	913364	1849889
EDU Share	OP	30-Jun	2009	100.00%	100.00%	100.00%	100.00%
Electric Choice Sales Switch Rates	OP	30-Jun	2009	0.00%	0.00%	0.00%	0.00%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Toledo Edison Company	TE	30-Jun	2009	185905	211120	342287	723445
CRES Providers	TE	30-Jun	2009	0	3	0	3
Total Sales	TE	30-Jun	2009	185905	211123	342287	723448
EDU Share	TE	30-Jun	2009	100.00%	100.00%	100.00%	100.00%
Electric Choice Sales Switch Rates	TE	30-Jun	2009	0.00%	0.00%	0.00%	0.00%

Source: PUCO, Division of Market Monitoring & Assessment.

Note1: Total sales includes residential, commercial, industrial and other sales.

Note2: The switch rate calculation is intended to present the broadest possible picture of the state of retail electric competition in Ohio. Appropriate calculations made for other purposes may be based on different data, and may yield different results.

Note3: American Electric Power, through its Columbus Southern Power subsidiary, purchased Monongahela Power Company's Ohio transmission and distribution operations in January 2006. Monongahela Power is no longer an electric distribution utility in Ohio. Previously reported Monongahela sales and customers are now being reported by CSP.

Note4: Duke Energy Ohio (formerly CG&E)

**Summary of Switch Rates from EDUs to CRES Providers in Terms of Sales
For the Month Ending September 30, 2009
(MWh)**

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Cleveland Electric Illuminating Company	CEI	30-Sep	2009	276840	260760	463815	1012241
CRES Providers	CEI	30-Sep	2009	160068	181307	113350	454725
Total Sales	CEI	30-Sep	2009	436908	442067	577165	1466966
EDU Share	CEI	30-Sep	2009	63.36%	58.99%	80.36%	69.00%
Electric Choice Sales Switch Rates	CEI	30-Sep	2009	36.64%	41.01%	19.64%	31.00%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Duke Energy Ohio	DUKE	30-Sep	2009	454279	522451	288943	1409966
CRES Providers	DUKE	30-Sep	2009	30695	116787	232554	384566
Total Sales	DUKE	30-Sep	2009	484974	639238	521497	1785531
EDU Share	DUKE	30-Sep	2009	93.87%	81.73%	55.41%	78.46%
Electric Choice Sales Switch Rates	DUKE	30-Sep	2009	6.33%	18.27%	44.59%	21.54%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Columbus Southern Power Company	CSP	30-Sep	2009	570424	751130	373903	1699850
CRES Providers	CSP	30-Sep	2009	0	12198	0	12198
Total Sales	CSP	30-Sep	2009	570424	763328	373903	1712048
EDU Share	CSP	30-Sep	2009	100.000%	98.402%	100.000%	99.288%
Electric Choice Sales Switch Rates	CSP	30-Sep	2009	0.000%	1.598%	0.000%	0.712%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
The Dayton Power and Light Company	DPL	30-Sep	2009	406244	330685	215494	1041453
CRES Providers	DPL	30-Sep	2009	0	6979	88493	134760
Total Sales	DPL	30-Sep	2009	406244	337664	303987	1178213
EDU Share	DPL	30-Sep	2009	100.00%	97.93%	70.89%	88.54%
Electric Choice Sales Switch Rates	DPL	30-Sep	2009	0.00%	2.07%	29.11%	11.46%

Source: PUCO, Division of Market Monitoring & Assessment.

Note1: Total sales includes residential, commercial, industrial and other sales.

Note2: The switch rate calculation is intended to present the broadest possible picture of the state of retail electric competition in Ohio.

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Note3: American Electric Power, through its Columbus Southern Power subsidiary, purchased Monongahela Power Company's Ohio transmission and distribution operations in January 2006. Monongahela Power is no longer an electric distribution utility in Ohio. Previously reported Monongahela sales and customers are now being reported by CSP.

Note4: Duke Energy Ohio (formerly CG&E)

**Summary of Switch Rates from EDUs to CRES Providers in Terms of Sales
For the Month Ending September 30, 2009
(MWh)**

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Monongahela Power Company	MON	30-Sep	2009	0	0	0	0
CRES Providers	MON	30-Sep	2009	0	0	0	0
Total Sales	MON	30-Sep	2009	0	0	0	0
EDU Share	MON	30-Sep	2009	0%	0%	0%	0%
Electric Choice Sales Switch Rates	MON	30-Sep	2009	0%	0%	0%	0%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Ohio Edison Company	OEC	30-Sep	2009	596647	432600	375975	1417355
CRES Providers	OEC	30-Sep	2009	147277	201150	185474	533901
Total Sales	OEC	30-Sep	2009	743924	633750	581449	1951258
EDU Share	OEC	30-Sep	2009	80.20%	68.26%	66.97%	72.64%
Electric Choice Sales Switch Rates	OEC	30-Sep	2009	19.80%	31.74%	33.03%	27.36%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Ohio Power Company	OP	30-Sep	2009	518980	503395	1059933	2088380
CRES Providers	OP	30-Sep	2009	0	0	0	0
Total Sales	OP	30-Sep	2009	518980	503395	1059933	2088380
EDU Share	OP	30-Sep	2009	100.00%	100.00%	100.00%	100.00%
Electric Choice Sales Switch Rates	OP	30-Sep	2009	0.00%	0.00%	0.00%	0.00%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Toledo Edison Company	TE	30-Sep	2009	189585	196689	253834	646718
CRES Providers	TE	30-Sep	2009	10852	60464	98938	158252
Total Sales	TE	30-Sep	2009	200437	247153	350770	804970
EDU Share	TE	30-Sep	2009	94.59%	79.68%	72.36%	80.34%
Electric Choice Sales Switch Rates	TE	30-Sep	2009	5.41%	20.42%	27.64%	19.66%

Source: PUCO, Division of Market Monitoring & Assessment.

Note1: Total sales includes residential, commercial, industrial and other sales.

Note2: The switch rate calculation is intended to present the broadest possible picture of the state of retail electric competition in Ohio.

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Note3: American Electric Power, through its Columbus Southern Power subsidiary, purchased Monongahela Power Company's Ohio transmission and distribution operations in January 2006. Monongahela Power is no longer an electric distribution utility in Ohio. Previously reported Monongahela sales and customers are now being reported by CSP.

Note4: Duke Energy Ohio (formerly CG&E)

**Summary of Switch Rates from EDUs to CRES Providers in Terms of Sales
For the Month Ending December 31, 2009
(MWh)**

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Cleveland Electric Illuminating Company	CEI	31-Dec	2009	220966	153983	331679	707488
CRES Providers	CEI	31-Dec	2009	262399	327136	167249	771949
Total Sales	CEI	31-Dec	2009	483365	481121	498928	1479437
EDU Share	CEI	31-Dec	2009	45.71%	32.01%	66.48%	47.82%
Electric Choice Sales Switch Rates	CEI	31-Dec	2009	54.29%	67.99%	33.52%	52.18%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Duke Energy Ohio	DUKE	31-Dec	2009	565972	346789	139153	1125486
CRES Providers	DUKE	31-Dec	2009	54842	253082	439848	799658
Total Sales	DUKE	31-Dec	2009	620814	599871	579001	1925144
EDU Share	DUKE	31-Dec	2009	91.17%	57.81%	24.03%	58.48%
Electric Choice Sales Switch Rates	DUKE	31-Dec	2009	8.83%	42.19%	75.97%	41.54%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Columbus Southern Power Company	CSP	31-Dec	2009	587595	685681	377361	1655216
CRES Providers	CSP	31-Dec	2009	0	13075	0	13075
Total Sales	CSP	31-Dec	2009	587595	698756	377361	1668291
EDU Share	CSP	31-Dec	2009	100.000%	98.129%	100.000%	99.216%
Electric Choice Sales Switch Rates	CSP	31-Dec	2009	0.000%	1.871%	0.000%	0.784%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
The Dayton Power and Light Company	DPL	31-Dec	2009	480883	283925	189482	1006564
CRES Providers	DPL	31-Dec	2009	0	13560	77607	125038
Total Sales	DPL	31-Dec	2009	480883	297485	287089	1131602
EDU Share	DPL	31-Dec	2009	100.00%	95.44%	70.94%	88.95%
Electric Choice Sales Switch Rates	DPL	31-Dec	2009	0.00%	4.56%	29.06%	11.05%

Source: PUCO, Division of Market Monitoring & Assessment.

Note1: Total sales includes residential, commercial, industrial and other sales.

Note2: The switch rate calculation is intended to present the broadest possible picture of the state of retail electric competition in Ohio.

Appropriate calculations made for other purposes may be based on different data, and may yield different results.

**Summary of Switch Rates from EDUs to CRES Providers in Terms of Sales
For the Month Ending December 31, 2009
(MWh)**

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Ohio Edison Company	OEC	31-Dec	2009	533357	247311	208185	1001896
CRES Providers	OEC	31-Dec	2009	258271	351953	251133	867251
Total Sales	OEC	31-Dec	2009	791628	599264	459318	1869147
EDU Share	OEC	31-Dec	2009	67.37%	41.27%	45.32%	53.60%
Electric Choice Sales Switch Rates	OEC	31-Dec	2009	32.63%	58.73%	54.68%	46.40%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Ohio Power Company	OP	31-Dec	2009	622424	484089	1004028	2118837
CRES Providers	OP	31-Dec	2009	0	0	0	0
Total Sales	OP	31-Dec	2009	622424	484089	1004028	2118837
EDU Share	OP	31-Dec	2009	100.00%	100.00%	100.00%	100.00%
Electric Choice Sales Switch Rates	OP	31-Dec	2009	0.00%	0.00%	0.00%	0.00%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Toledo Edison Company	TE	31-Dec	2009	109492	81010	178333	371536
CRES Providers	TE	31-Dec	2009	109866	155413	183667	456294
Total Sales	TE	31-Dec	2009	219358	236423	362000	827830
EDU Share	TE	31-Dec	2009	49.91%	34.28%	49.26%	44.88%
Electric Choice Sales Switch Rates	TE	31-Dec	2009	50.09%	65.74%	50.74%	55.12%

Source: PUCO, Division of Market Monitoring & Assessment.

Note1: Total sales includes residential, commercial, industrial and other sales.

Note2: The switch rate calculation is intended to present the broadest possible picture of the state of retail electric competition in Ohio. Appropriate calculations made for other purposes may be based on different data, and may yield different results.

*Updated April 2010

**Summary of Switch Rates from EDUs to CRES Providers in Terms of Sales
For the Month Ending March 31, 2010
(MWh)**

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Cleveland Electric Illuminating Company	CEI	31-Mar	2010	235680	144625	299589	681108
CRES Providers	CEI	31-Mar	2010	237557	357642	201182	807181
Total Sales	CEI	31-Mar	2010	473237	502267	500771	1498269
EDU Share	CEI	31-Mar	2010	49.80%	28.79%	59.83%	48.13%
Electric Choice Sales Switch Rates	CEI	31-Mar	2010	50.20%	71.21%	40.17%	53.87%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Duke Energy Ohio	DUKE	31-Mar	2010	535921	288683	128862	1014893
CRES Providers	DUKE	31-Mar	2010	49879	362056	533731	1006046
Total Sales	DUKE	31-Mar	2010	585800	650739	660593	2020939
EDU Share	DUKE	31-Mar	2010	91.49%	44.36%	19.20%	50.22%
Electric Choice Sales Switch Rates	DUKE	31-Mar	2010	8.51%	55.64%	80.80%	49.78%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Columbus Southern Power Company	CSP	31-Mar	2010	597875	852519	351810	1806907
CRES Providers	CSP	31-Mar	2010	0	13446	0	13446
Total Sales	CSP	31-Mar	2010	597875	865965	351810	1820353
EDU Share	CSP	31-Mar	2010	100.000%	97.981%	100.000%	99.170%
Electric Choice Sales Switch Rates	CSP	31-Mar	2010	0.000%	2.019%	0.000%	0.830%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
The Dayton Power and Light Company	DPL	31-Mar	2010	502968	259453	133232	949222
CRES Providers	DPL	31-Mar	2010	55	61570	123010	234322
Total Sales	DPL	31-Mar	2010	503023	321023	256242	1183544
EDU Share	DPL	31-Mar	2010	99.99%	80.82%	51.99%	80.20%
Electric Choice Sales Switch Rates	DPL	31-Mar	2010	0.01%	19.18%	48.01%	19.80%

Source: PUCO, Division of Market Monitoring & Assessment.

Note1: Total sales includes residential, commercial, industrial and other sales.

Note2: The switch rate calculation is intended to present the broadest possible picture of the state of retail electric competition in Ohio.

Appropriate calculations made for other purposes may be based on different data, and may yield different results.

**Summary of Switch Rates from EDUs to CRES Providers in Terms of Sales
For the Month Ending March 31, 2010
(MWh)**

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Ohio Edison Company	OEC	31-Mar	2010	574015	213643	193528	994038
CRES Providers	OEC	31-Mar	2010	265871	401356	272508	945489
Total Sales	OEC	31-Mar	2010	839886	614999	466036	1939507
EDU Share	OEC	31-Mar	2010	68.38%	34.74%	41.53%	51.25%
Electric Choice Sales Switch Rates	OEC	31-Mar	2010	31.64%	65.26%	58.47%	48.75%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Ohio Power Company	OP	31-Mar	2010	595882	457342	1083485	2143348
CRES Providers	OP	31-Mar	2010	0	0	0	0
Total Sales	OP	31-Mar	2010	595882	457342	1083485	2143348
EDU Share	OP	31-Mar	2010	100.00%	100.00%	100.00%	100.00%
Electric Choice Sales Switch Rates	OP	31-Mar	2010	0.00%	0.00%	0.00%	0.00%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Toledo Edison Company	TE	31-Mar	2010	115755	63807	138706	322576
CRES Providers	TE	31-Mar	2010	104177	181053	178208	461595
Total Sales	TE	31-Mar	2010	219932	244860	316912	814171
EDU Share	TE	31-Mar	2010	52.83%	26.06%	43.77%	38.62%
Electric Choice Sales Switch Rates	TE	31-Mar	2010	47.37%	73.94%	56.23%	60.38%

Source: PUCO, Division of Market Monitoring & Assessment.

Note1: Total sales includes residential, commercial, industrial and other sales.

Note2: The switch rate calculation is intended to present the broadest possible picture of the state of retail electric competition in Ohio.

Appropriate calculations made for other purposes may be based on different data, and may yield different results.

**Summary of Switch Rates from EDUs to CRES Providers in Terms of Sales
For the Month Ending June 30, 2010
(MWh)**

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Cleveland Electric Illuminating Company	CEI	30-Jun	2010	161995	104446	298032	577031
CRES Providers	CEI	30-Jun	2010	280458	448012	234730	960874
Total Sales	CEI	30-Jun	2010	422453	550458	532762	1537905
EDU Share	CEI	30-Jun	2010	38.35%	18.97%	55.94%	37.52%
Electric Choice Sales Switch Rates	CEI	30-Jun	2010	61.65%	81.03%	44.06%	62.48%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Duke Energy Ohio	DUKE	30-Jun	2010	546210	233688	65133	894153
CRES Providers	DUKE	30-Jun	2010	80043	459194	340655	923343
Total Sales	DUKE	30-Jun	2010	626253	692882	405788	1817496
EDU Share	DUKE	30-Jun	2010	87.22%	33.73%	16.05%	49.20%
Electric Choice Sales Switch Rates	DUKE	30-Jun	2010	12.78%	66.27%	83.95%	60.80%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Columbus Southern Power Company	CSP	30-Jun	2010	551603	766378	399877	1724462
CRES Providers	CSP	30-Jun	2010	0	47900	869	48769
Total Sales	CSP	30-Jun	2010	551603	816278	400746	1773231
EDU Share	CSP	30-Jun	2010	100.000%	94.132%	99.783%	97.250%
Electric Choice Sales Switch Rates	CSP	30-Jun	2010	0.000%	5.868%	0.217%	2.750%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
The Dayton Power and Light Company	DPL	30-Jun	2010	422694	241392	97933	816541
CRES Providers	DPL	30-Jun	2010	57	136134	211298	418415
Total Sales	DPL	30-Jun	2010	422751	379528	308231	1234956
EDU Share	DPL	30-Jun	2010	99.99%	63.60%	31.67%	66.12%
Electric Choice Sales Switch Rates	DPL	30-Jun	2010	0.01%	36.40%	68.33%	33.88%

Source: PUCO, Division of Market Monitoring & Assessment.

Note1: Total sales includes residential, commercial, industrial and other sales.

Note2: The switch rate calculation is intended to present the broadest possible picture of the state of retail electric competition in Ohio.

Appropriate calculations made for other purposes may be based on different data, and may yield different results.

**Summary of Switch Rates from EDUs to CRES Providers in Terms of Sales
For the Month Ending June 30, 2010
(MWh)**

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Ohio Edison Company	OEC	30-Jun	2010	387676	172266	177086	748857
CRES Providers	OEC	30-Jun	2010	307280	496038	353961	1174468
Total Sales	OEC	30-Jun	2010	694956	668304	531047	1929325
EDU Share	OEC	30-Jun	2010	55.78%	25.78%	33.35%	38.94%
Electric Choice Sales Switch Rates	OEC	30-Jun	2010	44.22%	74.22%	66.65%	61.06%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Ohio Power Company	OP	30-Jun	2010	485194	493806	1093178	2077091
CRES Providers	OP	30-Jun	2010	0	706	0	706
Total Sales	OP	30-Jun	2010	485194	494312	1093178	2077797
EDU Share	OP	30-Jun	2010	100.00%	99.86%	100.00%	99.97%
Electric Choice Sales Switch Rates	OP	30-Jun	2010	0.00%	0.14%	0.00%	0.03%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Toledo Edison Company	TE	30-Jun	2010	91095	56086	132590	284010
CRES Providers	TE	30-Jun	2010	106335	213710	222685	574177
Total Sales	TE	30-Jun	2010	197430	269796	355275	858187
EDU Share	TE	30-Jun	2010	46.14%	20.79%	37.32%	33.09%
Electric Choice Sales Switch Rates	TE	30-Jun	2010	53.86%	79.21%	62.68%	66.91%

Source: PUCO, Division of Market Monitoring & Assessment.

Note1: Total sales includes residential, commercial, industrial and other sales.

Note2: The switch rate calculation is intended to present the broadest possible picture of the state of retail electric competition in Ohio.

Appropriate calculations made for other purposes may be based on different data, and may yield different results.

**Summary of Switch Rates from EDUs to CRES Providers in Terms of Sales
For the Month Ending September 30, 2010
(MWh)**

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Cleveland Electric Illuminating Company	CEI	30-Sep	2010	189056	86944	297922	585250
CRES Providers	CEI	30-Sep	2010	341893	514199	237320	1120731
Total Sales	CEI	30-Sep	2010	530949	601143	535242	1705981
EDU Share	CEI	30-Sep	2010	35.61%	14.46%	55.66%	34.31%
Electric Choice Sales Switch Rates	CEI	30-Sep	2010	64.39%	85.54%	44.34%	65.69%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Duke Energy Ohio	DUKE	30-Sep	2010	476091	179939	53654	722564
CRES Providers	DUKE	30-Sep	2010	139716	585438	336422	1129920
Total Sales	DUKE	30-Sep	2010	614807	766377	390076	1852474
EDU Share	DUKE	30-Sep	2010	77.27%	23.51%	13.75%	39.00%
Electric Choice Sales Switch Rates	DUKE	30-Sep	2010	22.73%	76.49%	86.25%	61.00%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Columbus Southern Power Company	CSP	30-Sep	2010	651709	733387	389826	1777962
CRES Providers	CSP	30-Sep	2010	0	245864	1834	247698
Total Sales	CSP	30-Sep	2010	651709	979251	391660	2025660
EDU Share	CSP	30-Sep	2010	100.000%	74.893%	99.532%	87.772%
Electric Choice Sales Switch Rates	CSP	30-Sep	2010	0.000%	25.107%	0.468%	12.228%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
The Dayton Power and Light Company	DPL	30-Sep	2010	463249	212595	81795	782592
CRES Providers	DPL	30-Sep	2010	71	210730	256822	557991
Total Sales	DPL	30-Sep	2010	463320	423325	318617	1340583
EDU Share	DPL	30-Sep	2010	99.98%	50.22%	19.39%	58.38%
Electric Choice Sales Switch Rates	DPL	30-Sep	2010	0.02%	49.78%	80.61%	41.62%

Source: PUCO, Division of Market Monitoring & Assessment.

Note1: Total sales includes residential, commercial, industrial and other sales.

Note2: The switch rate calculation is intended to present the broadest possible picture of the state of retail electric competition in Ohio.

Appropriate calculations made for other purposes may be based on different data, and may yield different results.

**Summary of Switch Rates from EDUs to CRES Providers In Terms of Sales
For the Month Ending September 30, 2010
(MWh)**

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Ohio Edison Company	OEC	30-Sep	2010	509205	179769	188549	869568
CRES Providers	OEC	30-Sep	2010	357313	534823	392185	1297018
Total Sales	OEC	30-Sep	2010	866518	714392	580734	2186584
EDU Share	OEC	30-Sep	2010	58.78%	25.18%	32.47%	40.68%
Electric Choice Sales Switch Rates	OEC	30-Sep	2010	41.24%	74.84%	67.53%	59.32%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Ohio Power Company	OP	30-Sep	2010	598330	518054	1071618	2193791
CRES Providers	OP	30-Sep	2010	0	4417	0	4417
Total Sales	OP	30-Sep	2010	598330	522471	1071618	2198208
EDU Share	OP	30-Sep	2010	100.00%	99.15%	100.00%	99.80%
Electric Choice Sales Switch Rates	OP	30-Sep	2010	0.00%	0.85%	0.00%	0.20%

Provider Name	EDU Service Area	Quarter Ending	Year	Residential Sales	Commercial Sales	Industrial Sales	Total Sales
Toledo Edison Company	TE	30-Sep	2010	110147	51462	134424	300282
CRES Providers	TE	30-Sep	2010	132411	234379	236589	637629
Total Sales	TE	30-Sep	2010	242558	285841	371013	937911
EDU Share	TE	30-Sep	2010	45.41%	18.00%	36.23%	32.02%
Electric Choice Sales Switch Rates	TE	30-Sep	2010	54.59%	82.00%	63.77%	67.98%

Source: PUCO, Division of Market Monitoring & Assessment.

Note1: Total sales includes residential, commercial, industrial and other sales.

Note2: The switch rate calculation is intended to present the broadest possible picture of the state of retail electric competition in Ohio.

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ANDREA E. MOORE WORKPAPERS

Property Taxes & A&G Expenses
12 Months 8/31/10
(\$000)
Total Company

Original
Gross Plant in Service

<u>Company</u>	<u>Amount</u>	<u>% of Avg. Gross Plant</u>	<u>2010</u>	<u>2009</u>	<u>Average</u>
<u>CSPCo</u>					
A&G Expenses	72,674	1.34%	5,530,711	5,354,527	5,442,619
Prop. Taxes	95,490	1.75%			
% Total		<u>3.09%</u>			
<u>OPCo</u>					
A&G Expenses	108,789	1.12%	10,169,156	9,282,399	9,725,777
Prop. Taxes	93,577	0.96%			
% Total		<u>2.08%</u>			
<u>AEP Ohio</u>					
A&G Expenses	181,463	1.20%	15,699,867	14,636,926	15,168,396
Prop. Taxes	189,067	1.25%			
% Total		<u>2.45%</u>			

Property Taxes & A&G Expenses
12 Months 8/31/10
(\$000)
Generation

			Original <u>Gross Plant in Service</u>		
<u>Company</u>	<u>Amount</u>	<u>% of Avg. Gross Plant</u>	<u>2010</u>	<u>2009</u>	<u>Average</u>
<u>CSPCo</u>					
A&G Expenses	72,674	1.34%	5,530,711	5,354,527	5,442,619
Prop. Taxes	14,886	0.52%	2,894,624	2,801,367	2,847,995
% Total		<u>1.86%</u>			
<u>OPCo</u>					
A&G Expenses	108,789	1.12%	10,169,156	9,282,399	9,725,777
Prop. Taxes	24,168	0.36%	7,113,120	6,340,834	6,726,977
% Total		<u>1.48%</u>			
<u>AEP Ohio</u>					
A&G Expenses	181,463	1.20%	15,699,867	14,636,926	15,168,396
Prop. Taxes	39,054	0.41%	10,007,744	9,142,201	9,574,972
% Total		<u>1.61%</u>			

Property Taxes & A&G Expenses
12 Months 8/31/10
(\$000)
T&D

Original
Gross Plant in Service

<u>Company</u>	<u>Amount</u>	<u>% of Avg. Gross Plant</u>	<u>2010</u>	<u>2009</u>	<u>Average</u>
<u>CSPCo</u>					
A&G Expenses	72,674	1.34%	5,530,711	5,354,527	5,442,619
Prop. Taxes	80,604	3.11%	2,636,088	2,553,160	2,594,624
% Total		<u>4.45%</u>			
<u>OPCo</u>					
A&G Expenses	108,789	1.12%	10,169,156	9,282,399	9,725,777
Prop. Taxes	69,409	2.31%	3,056,035	2,941,565	2,998,800
% Total		<u>3.43%</u>			
<u>AEP Ohio</u>					
A&G Expenses	181,463	1.20%	15,699,867	14,636,926	15,168,396
Prop. Taxes	150,012	2.68%	5,692,123	5,494,725	5,593,424
% Total		<u>3.88%</u>			

Ohio Power Company Expenses for the 12 months ending August 31, 2010

		12 Months Ending August 2010 Total Company	12 Months Ending August 2010 Generation
Account	Description	\$	\$
9200000	Administrative & Gen Salaries	\$ 30,635,515	\$ 16,564,996
9200003	Admin & Gen Salaries Trnsfr	\$ 601	\$ 326
9200004	I C Adjustments	\$ -	
9210001	Off Supl & Exp - Nonassociated	\$ 4,029,897	\$ 1,597,883
9210002	Off Supl & Exp - Associated	\$ 10,870	\$ 10,870
9210003	Office Supplies & Exp - Trnsf	\$ 96	
9210004	Office Utilities	\$ -	
9210005	Cellular Phones and Pagers	\$ 71	\$ 51
9210006	O&M Reconciliation	\$ (3,228,653)	
9220000	Administrative Exp Trnsf - Cr	\$ (155,990)	
9220001	Admin Exp Trnsf to Cnstrction	\$ (1,287,259)	\$ 77
9220004	Admin Exp Trnsf to ABD	\$ (4,939)	
9220125	SSA Expense Transfers BL	\$ (2,075,753)	\$ -
9220127	SSA Expense Transfers IT	\$ 212,902	\$ 0
9230001	Outside Svcs Empl - Nonassoc	\$ 4,825,514	\$ 3,609,557
9230002	Outside Svcs Empl - Assoc	\$ -	
9230003	AEPSC Billed to Client Co	\$ 21,859,990	\$ 11,226,137
9240000	Property Insurance	\$ 3,769,803	\$ 2,858,921
9250000	Injuries and Damages	\$ 4,016,928	\$ 1,626,145
9250001	Safety Dinners and Awards	\$ 16,346	\$ 476
9250002	Emp Accident Prvntion-Adm Exp	\$ 36,281	\$ 10,285
9250004	Injuries to Employees	\$ 20,736	\$ 20,736
9250006	Wrkrs Cmpnstrn Pre&Slf Ins Prv	\$ 2,857,726	\$ 2,632,137
9250007	Prsnal Injries&Prop Dmage-Pub	\$ 347,126	\$ 346,336
9250010	Frg Ben Loading - Workers Comp	\$ (549,975)	\$ (241,997)
9260000	Employee Pensions & Benefits	\$ 48,402	\$ 16,951
9260001	Edit & Print Empl Pub-Salaries	\$ 151,078	\$ 27,160
9260002	Pension & Group Ins Admin	\$ 148,391	\$ 31,997
9260003	Pension Plan	\$ 12,401,378	\$ 6,949,887
9260004	Group Life Insurance Premiums	\$ 695,999	\$ 430,187
9260005	Group Medical Ins Premiums	\$ 23,946,157	\$ 12,551,261
9260006	Physical Examinations	\$ 3,678	
9260007	Group L-T Disability Ins Prem	\$ 587,387	\$ 314,786
9260009	Group Dental Insurance Prem	\$ 1,108,756	\$ 582,291
9260010	Training Administration Exp	\$ 6,650	\$ 1,621
9260012	Employee Activities	\$ 3,257	\$ 765
9260014	Educational Assistance Pmts	\$ 97,691	\$ 42,829
9260021	Postretirement Benefits - OPEB	\$ 20,012,769	\$ 9,648,523
9260027	Savings Plan Contributions	\$ 6,535,095	\$ 3,586,149
9260036	Deferred Compensation	\$ (51,982)	\$ 17,097
9260037	Supplemental Pension	\$ 62,065	\$ 62,065
9260040	SFAS 112 Postemployment Benef	\$ (228,487)	\$ (228,487)
9260050	Frg Ben Loading - Pension	\$ (3,765,943)	\$ (1,229,545)
9260051	Frg Ben Loading - Grp Ins	\$ (7,621,341)	\$ (2,097,035)

Ohio Power Company Expenses for the 12 months ending August 31, 2010

		12 Months Ending August 2010 Total Company	12 Months Ending August 2010 Generation
Account	Description	\$	\$
9260052	Frg Ben Loading - Savings	\$ (2,168,824)	\$ (690,688)
9260053	Frg Ben Loading - OPEB	\$ (4,710,141)	\$ (1,030,824)
9260055	IntercoFringeOffset- Don't Use	\$ (3,452,661)	\$ (344,671)
9260057	Postret Ben Medicare Subsidy	\$ (5,097,101)	\$ (2,668,642)
9260058	Frg Ben Loading - Accrual	\$ (132,846)	\$ (42,215)
9280000	Regulatory Commission Exp	\$ (187)	\$ (111)
9280001	Regulatory Commission Exp-Adm	\$ 364,972	\$ 148,846
9280002	Regulatory Commission Exp-Case	\$ 7,219	\$ 261
9301000	General Advertising Expenses	\$ 69,025	\$ 46,200
9301001	Newspaper Advertising Space	\$ 920	
9301002	Radio Station Advertising Time	\$ 2,777	
9301006	Spec Corporate Comm Info Proj	\$ 1	\$ 1
9301007	Special Adv Space & Prod Exp	\$ 1,243,570	\$ -
9301008	Direct Mail and Handouts	\$ -	\$ -
9301009	Fairs, Shows, and Exhibits	\$ 370	\$ 262
9301010	Publicity	\$ 43,611	\$ 28,536
9301011	Dedications, Tours, & Openings	\$ 177	\$ 160
9301012	Public Opinion Surveys	\$ 148,116	\$ 21
9301013	Movies Slide Films & Speeches	\$ -	
9301014	Video Communications	\$ 338	\$ 131
9301015	Other Corporate Comm Exp	\$ 209,373	\$ 52,268
9302000	Misc General Expenses	\$ 1,396,858	\$ (277,510)
9302003	Corporate & Fiscal Expenses	\$ 187,168	\$ 151,750
9302004	Research, Develop&Demonstr Exp	\$ 38,390	
9310000	Rents	\$ (1,925)	
9310001	Rents - Real Property	\$ 785,510	
9310002	Rents - Personal Property	\$ 359,602	\$ 12,773
9310003	Rents - Real Property - Assoc	\$ -	\$ -
9310004	Rents - Personal Prop - Assoc	\$ 16,237	
	Total A&G	\$ 108,789,376	\$ 66,357,985
408100500	Real & Personal Property Taxes	\$ 11,388	\$ 11,388
408100501	Real & Personal Property Taxes	\$ 11,603	\$ 11,603
408100502	Real & Personal Property Taxes	\$ 11,699	\$ 11,699
408100503	Real & Personal Property Taxes	\$ 11,356	\$ 11,815
408100504	Real & Personal Property Taxes	\$ 12,667	\$ 13,127
408100505	Real & Personal Property Taxes	\$ 13,960	\$ 13,960
408100506	Real & Personal Property Taxes	\$ 14,058	\$ 14,058
408100507	Real & Personal Property Taxes	\$ 54,898	\$ 87,688
408100508	Real & Personal Property Taxes	\$ 35,493,389	\$ 13,872,970
408100509	Real & Personal Property Taxes	\$ 56,437,466	\$ 10,961,148
408102904	Real/Pers Prop Tax-Cap Leases	\$ -	\$ -
408102905	Real/Pers Prop Tax-Cap Leases	\$ (98,656)	\$ (37,136)
408102906	Real/Pers Prop Tax-Cap Leases	\$ -	\$ -

Ohio Power Company Expenses for the 12 months ending August 31, 2010

Account	Description	12 Months		12 Months	
		Ending August		Ending August	
		2010		2010	
		Total Company		Generation	
		\$		\$	
408102907	Real/Pers Prop Tax-Cap Leases	\$	-	\$	-
408102908	Real/Pers Prop Tax-Cap Leases	\$	1,885	\$	-
408102909	Real/Pers Prop Tax-Cap Leases	\$	182,775	\$	57,091
408102910	Real-Pers Prop Tax-Cap Leases	\$	265,072	\$	72,552
408103601	Real Prop Tax-Cap Leases	\$	-		
408103602	Real Prop Tax-Cap Leases	\$	-		
408103603	Real Prop Tax-Cap Leases	\$	-		
408103604	Real Prop Tax-Cap Leases	\$	-		
408103605	Real Prop Tax-Cap Leases	\$	-		
408103606	Real Prop Tax-Cap Leases	\$	-		
408103607	Real Prop Tax-Cap Leases	\$	-		
408103608	Real Prop Tax-Cap Leases	\$	(8,344)	\$	(4,145)
408103609	Real Prop Tax-Cap Leases	\$	82,484	\$	(2,928)
408103610	Real Prop Tax-Cap Leases	\$	118,160		
408200506	Real & Personal Property Taxes	\$	-	\$	-
408200507	Real & Personal Property Taxes	\$	-	\$	-
408200508	Real & Personal Property Taxes	\$	339,584	\$	(323,681)
408200509	Real & Personal Property Taxes	\$	621,440	\$	(602,872)
	Total Property Taxes	\$	93,576,882	\$	24,168,336

Columbus Southern Power Company Expenses for the 12 months ending August 31, 2010

Account	Description	12 Months Ending August 2010 Total Company		12 Months Ending August 2010 Generation	
		Amount		Amount	
9200000	Administrative & Gen Salaries	\$	21,141,500	\$	7,364,430
9200003	Admin & Gen Salaries Trnsfr	\$	77,472	\$	168
9200004	I C Adjustments	\$	-		
9210001	Off Supl & Exp - Nonassociated	\$	5,103,627	\$	3,263,050
9210002	Off Supl & Exp - Associated	\$	-	\$	-
9210003	Office Supplies & Exp - Trnsf	\$	(1,158,642)	\$	(1,158,734)
9210004	Office Utilities	\$	-		
9210005	Cellular Phones and Pagers	\$	1,222	\$	17
9210006	O&M Reconciliation	\$	(295,229)		
9220000	Administrative Exp Trnsf - Cr	\$	(101,303)		
9220001	Admin Exp Trnsf to Cnstrction	\$	(1,383,750)	\$	26
9220004	Admin Exp Trnsf to ABD	\$	(795)		
9220125	SSA Expense Transfers BL	\$	(1,325,272)		
9230001	Outside Svcs Empl - Nonassoc	\$	4,255,192	\$	1,599,456
9230002	Outside Svcs Empl - Assoc	\$	-		
9230003	AEPSC Billed to Client Co	\$	13,894,579	\$	4,372,341
9240000	Property Insurance	\$	3,084,155	\$	2,548,710
9250000	Injuries and Damages	\$	2,729,346	\$	753,248
9250001	Safety Dinners and Awards	\$	12,391	\$	152
9250002	Emp Accdent Prvntion-Adm Exp	\$	10,804	\$	3,197
9250004	Injuries to Employees	\$	263	\$	263
9250006	Wrkrs Cmpnstn Pre&Sf Ins Prv	\$	1,032,457	\$	971,422
9250007	Prsnal Injries&Prop Dmage-Pub	\$	274,476	\$	274,310
9250010	Frg Ben Loading - Workers Comp	\$	(189,300)	\$	(14,562)
9260000	Employee Pensions & Benefits	\$	2,077,072	\$	2,073,474
9260001	Edit & Print Empl Pub-Salaries	\$	42,225	\$	9,582
9260002	Pension & Group Ins Admin	\$	97,938	\$	25,627
9260003	Pension Plan	\$	4,959,725	\$	2,069,616
9260004	Group Life Insurance Premiums	\$	314,342	\$	116,881
9260005	Group Medical Ins Premiums	\$	11,993,504	\$	3,302,185
9260006	Physical Examinations	\$	1,127		
9260007	Group L-T Disability Ins Prem	\$	308,153	\$	101,900
9260009	Group Dental Insurance Prem	\$	595,111	\$	186,647
9260010	Training Administration Exp	\$	31,810	\$	1,752
9260012	Employee Activities	\$	11,495	\$	640
9260014	Educational Assistance Pmts	\$	134,983	\$	13,777
9260021	Postretirement Benefits - OPEB	\$	10,470,648	\$	3,235,798
9260027	Savings Plan Contributions	\$	3,172,256	\$	972,135
9260036	Deferred Compensation	\$	4,127		
9260037	Supplemental Pension	\$	408	\$	399
9260040	SFAS 112 Postemployment Benef	\$	(93,199)	\$	(92,845)
9260050	Frg Ben Loading - Pension	\$	(1,386,140)	\$	(241,183)
9260051	Frg Ben Loading - Grp Ins	\$	(3,883,823)	\$	(471,900)
9260052	Frg Ben Loading - Savings	\$	(1,079,790)	\$	(154,261)
9260053	Frg Ben Loading - OPEB	\$	(2,494,022)	\$	(322,983)
9260055	IntercoFringeOffset- Don't Use	\$	(2,628,915)	\$	(18,929)

Columbus Southern Power Company Expenses for the 12 months ending August 31, 2010

		12 Months Ending August 2010 Total Company	12 Months Ending August 2010 Generation
Account	Description	Amount	Amount
9260057	Postret Ben Medicare Subsidy	\$ (2,495,640)	\$ (775,277)
9260058	Frg Ben Loading - Accrual	\$ (59,440)	\$ 793
9280000	Regulatory Commission Exp	\$ (115)	\$ (50)
9280001	Regulatory Commission Exp-Adm	\$ 171,481	\$ 7,485
9280002	Regulatory Commission Exp-Case	\$ 7,000	\$ 255
9301000	General Advertising Expenses	\$ 44,111	\$ 17,822
9301001	Newspaper Advertising Space	\$ 141,692	
9301002	Radio Station Advertising Time	\$ 2,622	
9301006	Spec Corporate Comm Info Proj	\$ 0	\$ 0
9301007	Special Adv Space & Prod Exp	\$ 1,524,897	\$ -
9301008	Direct Mail and Handouts	\$ -	\$ -
9301009	Fairs, Shows, and Exhibits	\$ 177	\$ 88
9301010	Publicity	\$ 23,651	\$ 11,306
9301011	Dedications, Tours, & Openings	\$ 67	\$ 56
9301012	Public Opinion Surveys	\$ 155,236	\$ 9
9301013	Movies Slide Films & Speeches	\$ -	
9301014	Video Communications	\$ 1,732	\$ 1,544
9301015	Other Corporate Comm Exp	\$ 142,317	\$ 30,285
9302000	Misc General Expenses	\$ 663,193	\$ 212,596
9302003	Corporate & Fiscal Expenses	\$ 80,167	\$ 47,580
9302004	Research, Develop&Demonstr Exp	\$ 36,375	
9302019	gSMART-OvUnd Misc Gen Exp	\$ (197,756)	
9310000	Rents	\$ 2,480	
9310001	Rents - Real Property	\$ 2,234,485	
9310002	Rents - Personal Property	\$ 382,641	\$ 9,099
9310003	Rents - Real Property - Assoc	\$ -	\$ -
	Total A&G	\$ 72,673,599	\$ 30,349,395
408100503	Real & Personal Property Taxes	\$ -	
408100504	Real & Personal Property Taxes	\$ 55,470	\$ 55,470
408100505	Real & Personal Property Taxes	\$ 55,470	\$ 55,470
408100506	Real & Personal Property Taxes	\$ -	
408100507	Real & Personal Property Taxes	\$ 53,338	\$ 40,435
408100508	Real & Personal Property Taxes	\$ 30,245,922	\$ 4,805,746
408100509	Real & Personal Property Taxes	\$ 64,853,237	\$ 9,944,997
408102904	Real/Pers Prop Tax-Cap Leases	\$ -	
408102905	Real/Pers Prop Tax-Cap Leases	\$ (85,280)	\$ (20,668)
408102906	Real/Pers Prop Tax-Cap Leases	\$ -	
408102907	Real/Pers Prop Tax-Cap Leases	\$ -	
408102908	Real/Pers Prop Tax-Cap Leases	\$ 453	
408102909	Real/Pers Prop Tax-Cap Leases	\$ 100,417	\$ 8,458
408102910	Real-Pers Prop Tax-Cap Leases	\$ 175,499	\$ 22,912
408103604	Real Prop Tax-Cap Leases	\$ -	
408103605	Real Prop Tax-Cap Leases	\$ -	
408103606	Real Prop Tax-Cap Leases	\$ -	

Columbus Southern Power Company Expenses for the 12 months ending August 31, 2010

Account	Description	12 Months Ending August 2010 Total Company Amount	12 Months Ending August 2010 Generation Amount
408103607	Real Prop Tax-Cap Leases	\$ -	
408103608	Real Prop Tax-Cap Leases	\$ -	
408103609	Real Prop Tax-Cap Leases	\$ 1,621	
408103610	Real Prop Tax-Cap Leases	\$ 7,136	
408200506	Real & Personal Property Taxes	\$ -	
408200507	Real & Personal Property Taxes	\$ -	
408200508	Real & Personal Property Taxes	\$ 26,664	\$ (26,664)
	Total Property Taxes	\$ 95,489,947	\$ 14,886,156

Columbus Southern Power Company Balance Sheet as of August 2009 & 2010

		Total Company 2009	Total Company 2010	Generation 2009	Generation 2010
1010001	Plant in Service	\$ 4,553,056,092	\$ 5,039,013,037	\$ 2,266,970,588	\$ 2,609,120,791
1011001	Capital Leases	\$ 15,634,239	\$ 21,363,155	\$ 8,234,013	\$ 8,936,040
1050001	Held For Fut Use	\$ 12,560,929	\$ 12,761,466	\$ 5,366,165	\$ 5,366,165
1060001	Const Not Classifd	\$ 347,942,148	\$ 267,633,072	\$ 226,291,452	\$ 178,807,182
	Plant In Service	\$ 4,929,193,408	\$ 5,340,770,730	\$ 2,506,862,218	\$ 2,802,230,178
1011012	Accrued Capital Leases	\$ 130,990	\$ -	\$ 33,518	\$ -
	General Plant	\$ 130,990	\$ -	\$ 33,518	\$ -
1070001	CWIP - Project	\$ 401,063,709	\$ 165,623,440	\$ 275,924,101	\$ 73,846,890
	Construction Work-In-Progress	\$ 401,063,709	\$ 165,623,440	\$ 275,924,101	\$ 73,846,890
1210001	Nonutility Property - Owned	\$ 15,215,948	\$ 15,394,663	\$ 12,005,521	\$ 12,005,521
	Gross NonUtility Property	\$ 15,215,948	\$ 15,394,663	\$ 12,005,521	\$ 12,005,521
1240029	Other Property - CPR	\$ 8,922,616	\$ 8,922,616	\$ 6,541,234	\$ 6,541,234
	Other Property Investments	\$ 8,922,616	\$ 8,922,616	\$ 6,541,234	\$ 6,541,234
	NonUtility Property	\$ 24,138,564	\$ 24,317,279	\$ 18,546,756	\$ 18,546,756
	Total Plant	\$ 5,354,526,671	\$ 5,530,711,449	\$ 2,801,366,593	\$ 2,894,623,824

Ohio Power Company Balance Sheet as of August 2009 & 2010

		Total Company 2009	Total Company 2010	Generation 2009	Generation 2010
1010001	Plant in Service	\$ 7,819,048,377	\$ 9,354,781,099	\$ 5,102,180,656	\$ 6,524,112,342
1011001	Capital Leases	\$ 39,869,596	\$ 54,248,299	\$ 25,755,452	\$ 27,098,212
1050001	Held For Fut Use	\$ 2,667,975	\$ 3,422,781		
1060001	Const Not Classifd	\$ 1,056,372,040	\$ 502,782,732	\$ 958,038,814	\$ 403,286,002
	Plant In Service	\$ 8,917,957,987	\$ 9,915,234,911	\$ 6,085,974,922	\$ 6,954,496,557
1011012	Accrued Capital Leases	\$ 1,530,688	\$ 30,034	\$ 1,512,151	
1140001	Plant Acquisition Adj	\$ 636,578	\$ 636,578		
	General Plant	\$ 2,167,266	\$ 666,612	\$ 1,512,151	\$ -
1070001	CWIP - Project	\$ 249,931,737	\$ 139,576,580	\$ 161,552,819	\$ 66,502,444
	Construction Work-In-Progress	\$ 249,931,737	\$ 139,576,580	\$ 161,552,819	\$ 66,502,444
1210001	Nonutility Property - Owned	\$ 11,576,747	\$ 11,876,520	\$ 9,710,897	\$ 10,010,129
1210003	Nonutility Property - WIP	\$ 270,142	\$ (262,288)	\$ 270,142	\$ (262,288)
	Gross NonUtility Property	\$ 11,846,889	\$ 11,614,233	\$ 9,981,039	\$ 9,747,841
1240025	Other Property - CWIP	\$ 3,919,574	\$ 894,692	\$ 1,657,588	\$ 885,321
1240026	Other Property - CCNC	\$ 6,534,805	\$ 390,713	\$ -	\$ -
1240027	Other Property - RWIP	\$ 144,169	\$ 148,268	\$ (106,179)	\$ 147,518
1240028	Other Property - RETIRE	\$ (3,952,081)	\$ (4,181,818)	\$ 92,592	\$ 92,068
1240029	Other Property - CPR	\$ 93,848,988	\$ 104,811,352	\$ 80,169,504	\$ 81,248,376
	Other Property Investments	\$ 100,495,455	\$ 102,063,207	\$ 81,813,505	\$ 82,373,283
	Non Utility Plant	\$ 112,342,345	\$ 113,677,439	\$ 91,794,544	\$ 92,121,125
	Total Plant	\$ 9,282,399,334	\$ 10,169,155,542	\$ 6,340,834,435	\$ 7,113,120,125

RENEE V. HAWKINS WORKPAPERS

Columbus Southern Power Company
August 31, 2010 Embedded Cost Of Capital

<u>LINE</u> <u>NO.</u>	<u>Capital</u> (A)	<u>ORIGINAL</u> <u>PRINCIPAL</u> <u>AMOUNT</u> (B)	<u>FACE</u> <u>AMOUNT</u> <u>OUTSTANDING</u> (C)	<u>ORIGINAL</u> <u>(DISCOUNT)</u> <u>PREMIUM</u> (D)	<u>ORIGINAL</u> <u>ISSUANCE</u> <u>EXPENSE</u> (E)	<u>ORIGINAL</u> <u>GAIN (LOSS)</u> <u>ON REACQ.</u> <u>DEBT</u> (F)	<u>NET</u> <u>PROCEEDS</u> (G)=(B+D+E+F)	<u>ANNUAL</u> <u>COST</u> (H)	<u>EMBEDDED</u> <u>COST</u> (I)=(H/C)	<u>WEIGHTED</u> <u>COST</u> (J)=(C/Total C)*I
1	Long-Term Debt	1,442,745,000	1,442,745,000	(5,818,500)	(12,036,729)	(8,861,238)	1,416,028,533	79,393,670	5.50%	2.72%
2	Common Stock		1,480,405,185						11.15%	5.65%
3	Total Capital		2,923,150,185							8.36%

Columbus Southern Power
Cost of Long-Term Debt
As of August 31, 2010

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No	Description	Interest Rate %	Issue Date	Maturity Date	Term in Years	Principal Outstanding \$	Principal Amount Issued \$	Premium or (Discount) at Issuance \$	Issuance Expense \$	Cost of Recouped Debt \$	Other Annualized Charges (1) \$	Net Proceeds (C7 + C8 + C9 + C10 + C11) \$	Effective Cost Rate %	Annualized Cost (C6 X C13) \$
1	Series 2007 A: Air Quality	4.850	4/2/2006	4/1/2012	4	44,500,000	44,500,000	-	(928,466)	-	(194,712)	43,376,821	5.598%	2,478,740
2	Series 2007 B: Air Quality	5.100	4/24/2006	5/1/2013	5	56,000,000	56,000,000	(1,101,717)	(556,061)	-	(309,198)	54,589,085	5.864%	3,162,665
3	Series 2006 A: Air Quality	3.875	6/19/2009	6/1/2014	5	60,000,000	60,000,000	-	(446,770)	-	-	59,343,039	4.128%	2,478,871
4	Series 2009 B: Air Quality	5.800	6/19/2009	12/1/2038	29	32,245,000	32,245,000	-	(3,139,014)	-	(503,910)	31,798,239	5.899%	1,902,188
5	Total Installment Purchase Contracts					182,745,000	182,745,000	-	-	-	-	180,108,078	-	10,038,673
6	Senior Unsecured Notes	6.600	2/14/2003	3/1/2033	30	250,000,000	250,000,000	(1,160,000)	(2,187,500)	-	-	246,632,500	8.704%	16,760,666
7	Senior Unsecured Notes	5.500	2/14/2003	3/1/2013	10	250,000,000	250,000,000	(687,500)	(1,626,000)	-	-	247,717,500	6.520%	14,049,306
8	Senior Unsecured Notes	5.850	10/14/2005	10/1/2036	30	260,000,000	260,000,000	(2,815,000)	(2,187,500)	-	-	244,997,500	6.594%	14,985,630
9	Senior Unsecured Notes	6.050	5/12/2008	5/15/2018	10	350,000,000	350,000,000	(751,000)	(2,347,000)	-	-	348,661,994	6.171%	21,599,590
10	Senior Unsecured Notes	6.050	3/16/2010	3/16/2012	2	150,000,000	150,000,000	(375,000)	(566,819)	-	-	148,069,381	1.005%	1,507,139
11	Total Senior Unsecured Notes					1,260,000,000	1,260,000,000	(5,818,500)	(8,903,315)	-	-	1,235,277,785	-	66,902,900
12	Total Loss on Unrefunded Redeemed FMB									Cost of Recouped Debt				Annual Amortization
13	Total Loss on Unrefunded Redeemed JSDs									(7,057,702)				306,785
14	Total Unrefunded Redeemed									(1,803,636)				145,251
										(6,861,236)				452,036
15	Total Long Term Debt					1,442,745,000	1,442,745,000	(6,818,500)	(12,036,728)	(6,861,236)		1,424,385,567		79,393,970
16	Total Annual Cost of Long Term Debt													79,393,870
17	Principal Outstanding													1,442,745,000
18	Weighted Average Cost of Long Term Debt (Line 17 / Line 16)													5.50%

(1) Includes annualized issuance charges.

(2) Proforma for debt issued in 2010 to pre-fund \$150MM redemption to occur in Dec. 2010

Ohio Power Company
August 31, 2010 Embedded Cost Of Capital

<u>LINE NO.</u>	<u>Capital (A)</u>	<u>ORIGINAL PRINCIPAL AMOUNT (B)</u>	<u>FACE AMOUNT OUTSTANDING (C)</u>	<u>ORIGINAL (DISCOUNT) PREMIUM (D)</u>	<u>ORIGINAL ISSUANCE EXPENSE (E)</u>	<u>ORIGINAL GAIN (LOSS) ON REACQ. DEBT (F)</u>	<u>NET PROCEEDS (G)=(B+D+E+F)</u>	<u>ANNUAL COST (H)</u>	<u>EMBEDDED COST (I)=(H/G)</u>	<u>WEIGHTED COST (J)=(C/Total C)*I</u>
1	Long-Term Debt	2,734,580,000	2,734,580,000	(7,342,500)	(3,764,470)	(7,474,384)	2,715,998,846	144,208,621	5.27%	2.42%
2	Preferred Stock		16,625,800					732,036	4.40%	0.01%
3	Common Stock		3,202,486,098						11.15%	6.00%
4	Total Capital		5,953,691,898							8.43%

Ohio Power Company
Cost of Long-Term Debt
As of August 31, 2010

Line No.	(1) Description	(2) Interest Rate %	(3) Issue Date	(4) Maturity Date	(5) Term in Years	(6) Principal Outstanding \$	(7) Principal Amount Issued \$	(8) Premium or (Discount) at Issuance \$	(9) Issuance Expense \$	(10) Cost of Recaptured Debt \$	(11) Other Annualized Charges (1) \$	(12) Net Proceeds (C7 + C8 + C9 + C10 + C11) \$	(13) Effective Cost Rate %	(14) Annualized Cost (C8 X C13) \$
1	IPC - Ohio Air Quality, Series C	5.150	5/13/1999	5/1/2028	27	50,000,000	50,000,000	-	(698,500)	-	(361,231)	46,640,269	5.341%	2,670,859
2	IPC - Ohio Air Quality, Series 2010A	3.230	5/18/2010	5/1/2037	27	79,450,000	79,450,000	-	(675,738)	-	-	78,674,262	3.312%	2,631,365
3	Ohio Air Quality Series 2010A	2.675	9/20/2010	12/1/2027	17	39,130,000	39,130,000	-	(597,122)	-	-	38,532,878	2.989%	1,160,405
4	IPC - WVEDA 2010 A	3.125	3/17/2010	3/1/2043	33	86,000,000	86,000,000	-	(868,762)	-	-	85,131,238	3.164%	2,721,208
5	IPC - WVEDA 2008 C	1.115	9/23/2008	7/1/2014	6	50,000,000	50,000,000	-	(273,786)	-	-	49,726,214	1.210%	604,770
6	IPC - WVEDA 2008 B	1.075	9/23/2008	7/1/2014	6	50,000,000	50,000,000	-	(282,353)	-	-	49,717,647	1.172%	586,181
7	IPC - WVEDA, Series 2008A	1.145	6/5/2008	4/1/2038	28	65,000,000	65,000,000	-	(332,083)	-	-	64,667,917	1.167%	759,251
8	IPC - WVEDA, Series 2007A	4.900	5/13/2007	5/1/2037	30	65,000,000	65,000,000	-	(561,235)	-	(2,434,782)	61,853,982	5.207%	3,384,833
9	Total Indentment Purchase Contracts					484,580,000	484,580,000	-	(4,628,627)	-	(2,796,023)	477,154,350		14,626,712
10	Senior Unsecured Notes, Series G	6.600	2/14/2003	2/15/2033	30	250,000,000	250,000,000	(1,168,000)	(2,368,087)	-	-	246,463,913	6.710%	16,774,860
11	Senior Unsecured Notes, Series F	6.500	2/14/2003	2/15/2019	16	250,000,000	250,000,000	(647,500)	(1,805,904)	-	-	247,546,596	5.630%	14,074,056
12	Senior Unsecured Notes, Series I	6.375	7/11/2003	7/15/2033	30	225,000,000	225,000,000	(1,845,000)	(2,204,350)	-	-	221,950,650	6.512%	14,632,390
13	Senior Unsecured Notes, Series H	4.850	7/11/2003	1/15/2014	11	225,000,000	225,000,000	(184,500)	(1,887,821)	-	-	223,117,679	4.953%	11,144,202
14	Senior Unsecured Notes, Series K	8.000	5/12/2009	5/1/2016	10	300,000,000	300,000,000	(1,238,500)	(2,448,572)	-	-	296,311,928	8.142%	21,496,536
15	Senior Unsecured Notes, Series L	5.730	5/6/2008	8/1/2015	5	250,000,000	250,000,000	(220,000)	(1,876,238)	-	-	248,123,762	5.629%	14,814,710
16	Senior Unsecured Notes, Series M	5.375	9/24/2009	10/1/2021	12	600,000,000	600,000,000	(2,098,039) (2)	(3,987,132)	-	-	591,002,129	5.127%	25,637,077
17	Promissory Notes	5.250	8/18/2004	8/1/2015	11	200,000,000	200,000,000	-	-	-	-	200,000,000	5.249%	10,497,890
18	Total Senior Unsecured Notes					2,250,000,000	2,250,000,000	(7,342,000)	985,157	-	-	2,243,522,657		128,095,623
19	Unfunded Redeemed IPC									Cost of Recaptured Debt				Annual Amortization
20	Unfunded Redeemed FMB									(620,259)				73,670
21	Unfunded Redeemed Debentures									(3,726,839)				328,261
22	Unfunded Redeemed Senior Unsecured									(1,873,954)				160,881
23	Total Unfunded Redeemed Notes									(1,048,875)				37,694
24	Total Long Term Debt					2,734,580,000	2,734,580,000	(7,342,000)	(3,784,470)	(7,474,394)		2,720,677,007		144,208,621
25	Total Annual Cost of Long Term Debt													144,208,621
26	Principal Outstanding													2,734,580,000
27	Weighted Average Cost of Long Term Debt (Line 25 / Line 26)													5.27%

(1) Includes annualized insurance charges

(2) Includes \$16.8MM profit associated with pre-issuance hedge

(3) Proforma for debt issued in 2009 to pre-fund \$200MM redemption that occurred in Nov. 2010

**Ohio Power Company
Cost of Preferred Stock
As of August 31, 2010**

Line No.	(1) Description	(2) Dividend Rate %	(3)	(4)	(5)	(6) Principal Outstanding \$	(7) Cost of Reacquired Shares \$	(8) Annualized Cost (C2 X C6) \$
1	Not Subject to Mandatory Redemption \$100 Par	4.080				1,459,500.00		59,548
2	Not Subject to Mandatory Redemption \$100 Par	4.200				2,282,400.00		95,861
3	Not Subject to Mandatory Redemption \$100 Par	4.400				3,148,200.00		138,521
4	Not Subject to Mandatory Redemption \$100 Par	4.500				9,735,700.00		438,107
5	Total Preferred Stock					16,625,800		732,036
6	Subject to Mandatory Redemption - Reacquisition Losses	5.900	Date 11/4/1983	Date	Term in Years 84			Annual Amortization -
7	Total Reacquisition Losses						-	-
8	Total Preferred Stock					16,625,800	-	732,036
9	Total Annual Cost of Preferred Stock							732,036
10	Total Principal Outstanding							16,625,800
11	Weighted Average Cost of Preferred Stock (Line 9 / Line 10)							4.4030%

<u>LINE NO.</u>	<u>Capital</u> (A)	<u>ORIGINAL PRINCIPAL AMOUNT</u> (B)	<u>FACE AMOUNT OUTSTANDING</u> (C)	<u>ORIGINAL (DISCOUNT) PREMIUM</u> (D)	<u>ORIGINAL ISSUANCE EXPENSE</u> (E)	<u>ORIGINAL GAIN (LOSS) ON REACQ. DEBT</u> (F)	<u>NET PROCEEDS</u> (G)=(B+D+E+F)	<u>ANNUAL COST</u> (H)	<u>EMBEDDED COST</u> (I)=(H/C)	<u>AFTER TAX WEIGHTED COST</u> (J)=(C/Total C)*I	<u>PRE TAX WEIGHTED COST</u>
1	Long-Term Debt	4,177,325,000	4,177,325,000	(13,161,000)	(15,801,200)	(16,336,622)	4,132,027,179	222,955,017	5.337%	2.512%	2.512%
2	Preferred Stock		16,825,800					732,036	4.403%	0.008%	0.008%
3	Common Stock		4,662,891,283						11.150%	5.882%	9.252%
4	Total Capital		8,876,842,083							8.402%	11.77%

AEP Ohio
Cost of Long-Term Debt
As of August 31, 2010

AS OF AUGUST 31, 2019														
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.	Description	Interest Rate %	Issue Date	Maturity Date	Term in Years	Principal Outstanding \$	Principal Amount Issued \$	Premium or (Discount) at Issuance \$	Issuance Expense \$	Cost of Recaptured Debt \$	Other Annualized Charges (1) \$	Net Proceeds (C7 + C8 + C9 + C10 + C11) \$	Effective Cost Rate %	Annualized Cost (M8 X Y12)
1	OP IPC - Ohio Air Quality, Series C	5.150	5/13/1989	5/1/2026	27	50,000,000	50,000,000	-	(998,500)	-	(361,231)	48,640,269	5.341%	2,670,899
2	OP IPC - Ohio Air Quality, Series 2010A	3.250	5/16/2010	8/1/2037	27	79,450,000	79,450,000	-	(875,736)	-	-	78,574,264	3.312%	2,931,368
3	OP Ohio Air Quality Series 2010A	2.875	8/26/2010	12/1/2027	17	38,130,000	39,130,000	-	(587,122)	-	-	38,532,878	2.980%	1,169,406
4	OP IPC - WVEDA 2019 A	3.125	3/17/2019	3/1/2043	33	86,000,000	86,000,000	-	(888,782)	-	-	85,311,208	3.184%	2,721,288
5	OP IPC - WVEDA 2008 C	1.115	6/23/2008	7/1/2014	6	50,000,000	50,000,000	-	(273,786)	-	-	49,726,214	1.210%	804,770
6	OP IPC - WVEDA 2008 B	1.075	6/23/2008	7/1/2014	6	50,000,000	50,000,000	-	(282,353)	-	-	49,717,647	1.172%	586,191
7	OP IPC - WVEDA, Series 2008A	1.145	8/5/2008	4/1/2038	28	65,000,000	65,000,000	-	(332,083)	-	-	64,667,917	1.187%	758,281
8	OP IPC - WVEDA, Series 2007A	4.900	8/13/2007	8/1/2037	30	85,000,000	85,000,000	-	(581,258)	-	(2,434,792)	81,983,952	5.207%	3,384,893
9	OSP Series 2007 A: Air Quality	4.850	4/9/2008	4/1/2012	4	44,500,000	44,500,000	-	(928,486)	-	(184,712)	43,376,821	5.566%	2,476,740
10	OSP Series 2007 B: Air Quality	5.100	4/24/2008	5/1/2013	5	56,000,000	56,000,000	-	(1,101,717)	-	(308,198)	54,596,085	5.684%	3,162,865
11	OSP Series 2008 A: Air Quality	3.875	6/19/2008	6/1/2014	5	60,000,000	60,000,000	-	(586,061)	-	-	59,343,939	4.128%	2,476,871
12	OSP Series 2008 B: Air Quality	5.800	6/19/2008	12/1/2038	29	32,245,000	32,245,000	-	(446,778)	-	-	31,798,230	5.899%	1,902,198
13	Total Installment Purchase Contracts					677,325,000	677,325,000	-	(7,782,642)	-	(3,299,833)	666,262,428		24,586,385
14	OP Senior Unsecured Notes, Series G	6.600	2/14/2003	2/15/2033	30	250,000,000	250,000,000	(1,185,000)	(2,368,087)	-	-	246,466,913	6.710%	16,774,980
15	OP Senior Unsecured Notes, Series F	6.500	2/14/2003	2/15/2013	10	250,000,000	250,000,000	(647,500)	(1,805,504)	-	-	247,545,896	6.830%	14,074,066
16	OP Senior Unsecured Notes, Series I	6.375	7/11/2003	7/15/2033	30	225,060,000	225,060,000	(1,643,500)	(2,204,363)	-	-	220,890,860	6.512%	14,682,360
17	OP Senior Unsecured Notes, Series H	4.850	7/11/2003	1/15/2014	11	225,060,000	225,060,000	(184,862)	(1,897,821)	-	-	223,117,879	4.853%	11,144,202
18	OP Senior Unsecured Notes, Series K	6.000	6/12/2006	6/1/2016	10	350,000,000	350,000,000	(1,235,500)	(2,449,872)	-	-	346,314,828	6.142%	21,498,539
19	OP Senior Unsecured Notes, Series L	5.750	9/9/2006	9/1/2013	5	250,000,000	250,000,000	(200,000)	(1,876,238)	-	-	248,123,762	5.926%	14,814,719
20	OP Senior Unsecured Notes, Series M	5.375	8/21/2008	10/1/2021	12	500,000,000	500,000,000	(2,085,000) (2)	(3,087,129)	-	-	511,002,129	5.127%	28,637,077
21	OP Promissory Notes	5.250	8/18/2004	6/1/2015	11	200,000,000	200,000,000	-	-	-	-	200,000,000	5.249%	10,497,980
22	OSP Senior Unsecured Notes	6.600	2/14/2003	3/1/2033	30	250,000,000	250,000,000	(1,180,000)	(2,187,500)	-	-	246,632,500	6.704%	16,769,986
23	OSP Senior Unsecured Notes	5.600	2/14/2003	3/1/2013	10	250,000,000	250,000,000	(667,500)	(1,825,000)	-	-	247,717,500	5.620%	14,049,335
24	OSP Senior Unsecured Notes	5.850	10/14/2005	10/1/2035	30	260,000,000	250,000,000	(2,815,000)	(2,187,960)	-	-	244,997,500	5.984%	14,955,950
25	OSP Senior Unsecured Notes	6.050	5/12/2006	5/15/2016	10	350,000,000	350,000,000	(791,000)	(2,347,085)	-	-	346,961,904	6.171%	21,869,960
26	OSP Senior Unsecured Notes	6.890	3/16/2010	3/16/2012	2	150,000,000	150,000,000	(375,000)	(559,519)	-	-	149,065,481	1.984%	1,658,873
27	Total Senior Unsecured Notes					3,500,000,000	3,500,000,000	(13,181,000)	(6,038,358)	-	-	3,476,860,442		197,996,417
28	Unfunded Redeemed IPC									Cost of Recaptured Debt				Annual Amortization
29	Unfunded Redeemed FMB									(820,295)				73,870
30	Unfunded Redeemed Debentures									(10,783,231)				633,036
31	Unfunded Redeemed Senior Unsecured									(3,693,220)				255,632
32	Total Unfunded Redeemed Notes									(1,456,875)				37,684
										(16,338,622)				353,216
33	Total Long Term Debt					4,177,325,000	4,177,325,000	(13,181,000)	(15,801,200)	(16,335,622)		4,145,062,888		222,955,017
34	Total Annual Cost of Long Term Debt													222,955,017
35	Principal Outstanding													4,177,325,000
36	Weighted Average Cost of Long Term Debt (Line 28 / Line 26)													5.34%

AEP Ohio
Cost of Preferred Stock
As of August 31, 2010

Line No.	(1) Description	(2) Dividend Rate %	(3)	(4)	(5)	(6) Principal Outstanding \$	(7) Cost of Reacquired Shares \$	(8) Annualized Cost (C2 X C6) \$
1	Not Subject to Mandatory Redemption \$100 Par	4.080				1,469,500.00		59,548
2	Not Subject to Mandatory Redemption \$100 Par	4.200				2,282,400.00		95,861
3	Not Subject to Mandatory Redemption \$100 Par	4.400				3,148,200.00		138,521
4	Not Subject to Mandatory Redemption \$100 Par	4.500				9,735,700.00		438,107
5	Total Preferred Stock					16,625,800		732,036
6	Subject to Mandatory Redemption - Reacquisition Losses	5.000	Date 11/4/1983	Date	Term In Years 84			Annual Amortization -
7	Total Reacquisition Losses							-
8	Total Preferred Stock					16,625,800	-	732,036
9	Total Annual Cost of Preferred Stock							732,036
10	Total Principal Outstanding							16,625,800
11	Weighted Average Cost of Preferred Stock (Line 9 / Line 10)							4.4030%