

**BEFORE THE
PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application)	
of Ohio Power Company to)	Case No. 12-1557-EL-RDR
Update The Energy Efficiency)	
and Peak Demand Reduction Rider)	

APPLICATION

1. Ohio Power Company (OP), referred as “the Company” or “AEP Ohio,” is an electric light company, as that term is defined in §§4905.03 and 4928.01 (A) (7), Ohio Rev. Code.
2. In the Company’s Electric Security Plan (ESP) proceeding (Case Nos. 08-917-EL-SSO and 08-918-EL-SSO), AEP Ohio proposed a comprehensive energy efficiency and peak demand reduction plan. The Commission ordered AEP Ohio to move forward with the proposed Energy Efficiency/Peak Demand Reduction (EE/PDR) proposed programs and work with the collaborative to refine the process.
3. In the Company’s Portfolio Plan approval proceedings (Case Nos. 09-1089-EL-POR and 09-1090-EL-POR collectively referred to as “2009 Portfolio Approvals”) the Commission approved a settlement that approved the initial EE/PDR rider rates effective on the first billing cycle of January 2010. (May 13, 2009 Opinion and Order).
4. The 2009 Portfolio Approvals also determined the ongoing process to update the Company’s EE/PDR riders. As agreed and ordered by the Commission, the riders shall be trued-up annually to actual program costs, net lost distribution revenues, and shared savings. The net lost distribution revenues will be calculated based on a half-year convention. (May 13, 2009 Opinion and

Order). The Order also found that annual true-up of the Company's EE/PDR Riders will be effective in the first billing cycle of July of 2010 and 2011. In addition, distribution lost revenues and shared savings calculations are to be based on the same data as approved by the Commission in the Company's annual compliance filings.

5. On March 23, 2011, the Commission denied the Company's Application for Rehearing of the Commission's January 27, 2011 Entry denying the Company's net lost distribution revenues on programs established in 2011. This filing is consistent with the Commission's determination that the Company will be permitted to continue to recover calendar year 2010 lost distribution revenue resulting from the implementation of EE/PDR programs through the existing Commission-approved program until such 2010 lost distribution revenue is recovered during 2011, and not from 2011 implementation.
6. On March 21, 2012 the Commission issued an Opinion and Order in Case Nos. 11-5568-EL-POR and 11-5569-EL-POR approving the Company's stipulated January 2012 – December 2014 portfolio plan (collectively referred to as "2012 Portfolio Approvals")
7. In conformance with the Commission's authorization, the Company seeks authority to implement and true-up the Company's EE/PDR Riders granted in the 2012 Portfolio Approvals. The proposed updates to the EE/PDR Riders, with supporting calculations, are attached to this application. Attachment 1 includes the authorized EE/PDR rates from the 2012 Portfolio Approvals and supporting figures for the final true-up of the program costs from 2009 through 2011. Attachment 2 includes redlined tariff pages reflecting the change in the

rider after the proposed true-up. Attachment 3 includes the 2012 typical bill comparison, reflecting the 2012 proposed true-up. The detail can be found in the attachment but a summary is provided here:

Columbus Southern Power Customers	Change in Typical Bill
Residential	0.6% to 0.9%
GS-1	0.3%
GS-2	0.3%
GS-3	0.4% to 0.6%
GS-4	0.1%
Ohio Power Customers	
Residential	0.1%
GS-1	0.3% to 0.5%
GS-2	0.3% to 0.6%
GS-3	0.3% to 0.7%
GS-4	0.1%

8. The Company proposes that their EE/PDR Riders become effective with the first billing cycle of August 2012 as modified by the 2012 Portfolio Approvals.
9. The Company's EE/PDR Riders are just and reasonable and are authorized as part of their ESPs and the 2009 and 2012 Portfolio Approvals.

Therefore, the Company requests that the Commission approve this application.

Respectfully submitted,

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ATTACHMENT 1

Calculation of Energy Efficiency and Peak Demand Reduction Rider January 2012 - December 2014
Adjusted For 2009-2011 EE/PDR Plan True-Up
Columbus Southern Power

Tariffs	Program Costs (\$)	Shared Savings (\$)	Total (\$)	Forecasted Metered Energy (kWh)	Stipulation Rate EE&PDR Rider (\$/kWh)	2009-2011 Rider True-Up (\$/kWh)	Revised 2012 Rate (\$/kWh)
RS	\$ 69,098,156	\$ 11,679,299	\$ 80,777,456	22,054,526,041	0.003663	0.0001178	0.003781
All Other C&I	\$ 63,455,566	\$ 31,004,320	\$ 94,459,886	27,617,937,150	0.00342	-0.0002284	0.003192
GS4/IRP	\$ 4,730,444	\$ 2,311,290	\$ 7,041,734	14,167,977,623	0.000497	-0.0000371	0.000460
Total C&I	\$ 68,186,010	\$ 33,315,610	\$ 101,501,620	41,785,914,773			
Total	\$ 137,284,166	\$ 44,994,909	\$ 182,279,075	63,840,440,814			

Calculation of Energy Efficiency and Peak Demand Reduction Rider January 2012 - December 2014
Adjusted For 2009-2011 EE/PDR Plan True-Up
Ohio Power Company

Tariffs	Program Costs (\$)	Shared Savings (\$)	Total (\$)	Forecasted Metered Energy (kWh)	Stipulation Rate EE&PDR Rider (\$/kWh)	2009-2011 Rider True-Up (\$/kWh)	Revised 2012 Rate (\$/kWh)
RS	\$ 58,031,844	\$ 9,890,647	\$ 67,922,491	21,896,314,547	0.003102	-0.0000345	0.003068
All Other C&I	\$ 69,838,529	\$ 34,392,132	\$ 104,230,662	30,243,259,115	0.003446	-0.0003819	0.003064
GS4/IRP	\$ 9,245,461	\$ 4,552,947	\$ 13,798,407	28,459,447,877	0.000485	-0.0000571	0.000428
Total C&I	\$ 79,083,990	\$ 38,945,079	\$ 118,029,069	58,702,706,992			
Total	\$ 137,115,834	\$ 48,835,727	\$ 185,951,560	80,599,021,539			

**Calculation of Energy Efficiency and Peak Demand Reduction Rider January 2009 - December 2011
Columbus Southern Power**

<u>Tariffs</u>	<u>Program Costs</u> (\$)	<u>Net Lost Distribution Revenue</u> (\$)	<u>Shared Savings</u> (\$)	<u>Total</u> (\$)	<u>Allocation on Distribution Revenue</u> (\$)	<u>Allocated Total</u> (\$)	<u>Rider Revenue Actual thru Dec 2011 Jan-Dec 2011</u> (\$)	<u>Total</u> (\$)	<u>Forecasted Metered Energy</u> (kWh)	<u>EE&PDR Rider</u> (\$/kWh)	<u>Revenue Verification</u> (\$)
RS	29,431,734	2,584,992	4,946,099	36,962,825		36,962,825	34,364,764	2,598,061	22,054,526,041	0.0001178	2,598,023
All Other C&I					297,625,688	34,321,233	40,629,416	(6,308,183)	27,617,937,150	-0.0002284	(6,307,937)
GS4/IRP					20,576,761	2,372,846	2,899,069	(526,223)	14,167,977,623	-0.0000371	(525,632)
Total C&I	29,013,330	506,749	7,174,000	36,694,078	318,202,449	36,694,078	43,528,485	(6,834,406)	41,785,914,773		(6,833,569)
Total	58,445,063	3,091,741	12,120,099	73,656,903		73,656,903	77,893,249	(4,236,346)	63,840,440,814		(4,235,546)

**Calculation of Energy Efficiency and Peak Demand Reduction Rider January 2009 - December 2011
Ohio Power Company**

<u>Tariffs</u>	<u>Program Costs</u> (\$)	<u>Net Lost Distribution Revenue</u> (\$)	<u>Shared Savings</u> (\$)	<u>Total</u> (\$)	<u>Allocation on Distribution Revenue</u> (\$)	<u>Allocated Total</u> (\$)	<u>Rider Revenue Actual thru Dec 2011 Jan-Dec 2011</u> (\$)	<u>Net Total</u> (\$)	<u>Forecasted Metered Energy</u> (kWh)	<u>EE&PDR Rider</u> (\$/kWh)	<u>Revenue Verification</u> (\$)
RS	27,643,572	1,620,616	4,749,639	34,013,827		34,013,827	34,768,598	(754,772)	21,896,314,547	-0.0000345	(755,423)
All Other C&I					333,556,059	29,807,487	41,357,693	(11,550,206)	30,243,259,115	-0.0003819	(11,549,901)
GS4/IRP					40,417,797	3,611,846	5,236,476	(1,624,630)	28,459,447,877	-0.0000571	(1,625,034)
Total C&I	26,593,638	420,732	6,404,962	33,419,333	373,973,856	33,419,333	46,594,168	(13,174,836)	58,702,706,992		(13,174,935)
Total	54,237,210	2,041,348	11,154,601	67,433,159		67,433,159	81,362,766	(13,929,607)	80,599,021,539		(13,930,358)

Annual Total Investments by Program
2009 , 2010 and 2011 Actual
AEP Ohio

<u>Program Name</u>	<u>Percent*</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>Total AEP Ohio</u>
<u>Residential Program</u>					
Products		\$ 2,927,300	\$ 5,729,197	\$ 6,858,423	\$ 15,514,920
Recycling		\$ 1,389,798	\$ 2,128,295	\$ 2,665,614	\$ 6,183,708
Retrofit		\$ -	\$ 928,990	\$ 2,388,332	\$ 3,317,322
Low Income		\$ (18,974)	\$ 1,150,398	\$ 13,832,977	\$ 14,964,401
New Construction		\$ 23,515	\$ 396,541	\$ 1,049,124	\$ 1,469,180
General Education/Training/Media	90%	\$ 1,654,992	\$ 2,873,882	\$ 5,518,471	\$ 10,047,345
Conservation Kits		\$ 267,635	\$ 532,239	\$ 1,119,863	\$ 1,919,738
Behavior Modification		\$ 24,374	\$ 1,485,603	\$ 1,906,085	\$ 3,416,063
Pilot Program Fund		\$ -	\$ -	\$ 242,630	\$ 242,630
Residential Program Subtotal		\$ 6,268,641	\$ 15,225,145	\$ 35,581,520	\$ 57,075,305
<u>C&I Program</u>					
Demand Response		\$ -	\$ 318,388	\$ 484,534	\$ 802,922
Self-Direct		\$ 104,035	\$ 6,313,868	\$ 7,599,707	\$ 14,017,611
Prescriptive		\$ 1,443,824	\$ 11,448,161	\$ 14,617,869	\$ 27,509,854
Custom		\$ 54,282	\$ 4,401,262	\$ 3,651,581	\$ 8,107,125
New Construction		\$ 22,938	\$ 1,196	\$ 1,786,850	\$ 1,810,985
Express Install		\$ -	\$ 159,255	\$ 1,730,581	\$ 1,889,836
Pilot Program Fund		\$ -	\$ 13,950	\$ 337,103	\$ 351,053
General Education/Training/Media	10%	\$ 183,888	\$ 319,320	\$ 613,163	\$ 1,116,372
LED Traffic Signals		\$ -	\$ 1,210	\$ -	\$ 1,210
C&I Program Subtotal		\$ 1,808,968	\$ 22,976,610	\$ 30,821,390	\$ 55,606,968
Total Program Costs		\$ 8,077,609	\$ 38,201,755	\$ 66,402,910	\$ 112,682,273

* The applicable percentage is 100% unless specific percent shown in column.

**Allocation of Program Costs by Company - 2009, 2010, and 2011 Actual
Columbus Southern Power**

<u>Program Name</u>	<u>Percent*</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>Total CSP</u>
<u>Residential Program</u>					
Products		\$ 1,509,831	\$ 3,102,191	\$ 3,534,783	\$ 8,146,806
Recycling		720,590	899,477	1,375,525	2,995,592
Retrofit		-	462,447	1,626,076	2,088,523
Low Income		(9,050)	739,747	6,789,523	7,520,219
New Construction		12,054	201,501	667,174	880,729
General Education/Training/Media	90%	837,062	1,408,080	2,801,414	5,046,555
Conservation Kits		75,220	271,357	550,830	897,407
Behavior Modification		12,519	767,854	998,870	1,779,243
Pilot Program Fund		-	-	76,658	76,658
Residential Program Subtotal		\$ 3,158,227	\$ 7,852,653	\$ 18,420,853	\$ 29,431,734
<u>C&I Program</u>					
Demand Response		\$ -	\$ 318,388	\$ 484,534	\$ 802,922
Self-Direct		39,270	3,599,898	3,492,301	7,131,469
Prescriptive		740,342	5,498,284	7,714,442	13,953,067
Custom		28,105	2,608,907	1,931,994	4,569,006
New Construction		11,747	610	930,370	942,726
Express Install		-	70,200	857,215	927,416
Pilot Program Fund		-	11,823	113,554	125,377
General Education/Training/Media	10%	93,007	156,453	311,268	560,728
LED Traffic Signals		-	617	-	617
C&I Program Subtotal		\$ 912,471	\$ 12,265,180	\$ 15,835,679	\$ 29,013,330
Total Program Cost		\$ 4,070,698	\$ 20,117,833	\$ 34,256,532	\$ 58,445,063

*Note The applicable percentage is 100% unless specific percent shown in column.

**Allocation of Program Costs by Company - 2009, 2010, and 2011 Actual
Ohio Power**

<u>Program Name</u>	<u>Percent*</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>Total OP</u>
Residential Program					
Products		\$ 1,417,468	\$ 2,627,005	\$ 3,323,640	\$ 7,368,114
Recycling		669,208	1,228,818	1,290,089	3,188,116
Retrofit		0	466,543	762,255	1,228,798
Low Income		(9,924)	410,652	7,043,454	7,444,181
New Construction		11,460	195,040	381,950	588,451
General Education/Training/Media	90%	817,930	1,465,802	2,717,058	5,000,790
Conservation Kits		192,416	260,882	569,034	1,022,331
Behavior Modification		11,855	717,749	907,215	1,636,819
Pilot Program Fund		0	0	165,972	165,972
Residential Program Subtotal		\$ 3,110,413	\$ 7,372,492	\$ 17,160,667	\$ 27,643,572
C&I Program					
Demand Response		\$ -	\$ -	\$ -	\$ -
Self-Direct		64,765	2,713,970	4,107,406	6,886,141
Prescriptive		703,483	5,949,877	6,903,427	13,556,787
Custom		26,177	1,792,355	1,719,587	3,538,119
New Construction		11,191	587	856,481	868,259
Express Install		0	89,054	873,366	962,421
Pilot Program Fund		0	2,127	223,550	225,676
General Education/Training/Media	10%	90,881	162,867	301,895	555,643
LED Traffic Signals		0	593	0	593
C&I Program Subtotal		\$ 896,497	\$ 10,711,430	\$ 14,985,711	\$ 26,593,638
Total Program Cost		\$ 4,006,910	\$ 18,083,922	\$ 32,146,378	\$ 54,237,210

*Note The applicable percentage is 100% unless specific percent shown in column.

Annual Incremental Net Energy (MWh) Savings at Meter by Company - 2009 AEP Ohio

<u>Program Name</u>	<u>CSP</u>	<u>OP</u>	<u>Total AEP Ohio</u>
<u>Residential Program</u>			
Products	12,529	8,369	20,898
Recycling	1,149	930	2,079
Retrofit	-	-	-
Low Income	-	-	-
New Construction	-	-	-
Conservation Kits	-	-	-
Behavior Modification	-	-	-
Pilot Program Fund	-	-	-
Residential Program Subtotal	13,678	9,299	22,977
<u>C&I Program</u>			
Prescriptive	2,449	2,747	5,196
Custom	352	894	1,246
New Construction	-	-	-
Express Install	-	-	-
Pilot Program Fund	-	-	-
LED Traffic Signals	-	-	-
C&I Program Subtotal	2,801	3,641	6,442
Portfolio Total	16,478	12,941	29,419

Annual Incremental Net Energy (MWh) Savings at Meter by Company - 2010 AEP Ohio

<u>Program Name</u>	<u>CSP</u>	<u>OP</u>	<u>Total AEP Ohio</u>
<u>Residential Program</u>			
Products	85,405	69,246	154,650
Recycling	7,239	6,581	13,820
Retrofit	-	1	1
Low Income	96	31	127
New Construction	-	-	-
Conservation Kits	-	-	-
Behavior Modification	-	-	-
Pilot Program Fund	-	-	-
Residential Program Subtotal	92,740	75,859	168,599
<u>C&I Program</u>			
Prescriptive	54,270	42,966	97,237
Custom	10,693	10,087	20,779
New Construction	-	-	-
Express Install	-	-	-
Pilot Program Fund	-	-	-
LED Traffic Signals	-	-	-
C&I Program Subtotal	64,963	53,053	118,016
Portfolio Total	157,703	128,912	286,615

Actual Net Lost Distribution Revenue
Based on Annual Incremental Net Energy (kWh) Savings at Meter - 2009
Columbus Southern Power Company

<u>Tariffs</u>	<u>Billed Energy (kWh)</u>	<u>Net Distribution Base Revenue (\$)</u>	<u>Average Revenue (\$/kWh)</u>	<u>Energy Savings at Meter (kWh)</u>	<u>Net Lost Distribution Revenue (\$)</u>
RS	5,013,533,042	130,444,839	\$0.0260185	13,677,724	\$355,874
GS 1	233,812,037	3,453,510		22,717	
GS 2	1,290,775,753	18,680,122		324,214	
GS 3	5,281,065,627	39,929,835		2,421,764	
Subtotal GS1-GS3	6,805,653,417	62,063,467	\$0.0091194	2,768,695	\$25,249
GS4/IRP	2,995,771,927	4,783,728	\$0.0015968	32,034	\$51
Total C&I	9,801,425,344	66,847,195	\$0.0068202	2,800,729	\$25,300
Total	14,814,958,386	197,292,034		16,478,453	\$381,174

Actual Net Lost Distribution Revenue
Based on Annual Incremental Net Energy (kWh) Savings at Meter - 2010
Columbus Southern Power Company

<u>Tariffs</u>	<u>Billed Energy (kWh)</u>	<u>Net Distribution Base Revenue (\$)</u>	<u>Average Revenue (\$/kWh)</u>	<u>Energy Savings at Meter (kWh)</u>	<u>Net Lost Distribution Revenue (\$)</u>
RS	7,732,957,159	185,870,475	\$0.0240361	92,740,260	\$2,229,118
GS 1	342,714,432	5,062,083		461,063	
GS 2	1,794,279,994	24,802,906		6,046,875	
GS 3	7,110,100,457	52,759,599		45,071,722	
Subtotal GS1-GS3	9,247,094,883	82,624,588	\$0.0089352	51,579,660	\$460,874
GS4/IRP	3,801,312,018	5,843,751	\$0.0015373	13,383,459	\$20,574
Total C&I	13,048,406,901	88,468,339	\$0.0067800	64,963,119	\$481,449
Total	20,781,364,060	274,338,814		157,703,379	\$2,710,567

**Calculation of Net Lost Distribution Revenue
Based on Annual Incremental Net Energy (kWh) Savings at Meter - 2009
Ohio Power Company**

<u>Tariffs</u>	<u>Billed Energy (kWh)</u>	<u>Net Distribution Base Revenue (\$)</u>	<u>Average Revenue (\$/kWh)</u>	<u>Energy Savings at Meter (kWh)</u>	<u>Net Lost Distribution Revenue (\$)</u>
RS	4,923,639,033	103,867,018	\$0.0210956	9,299,415	\$196,177
GS 1	261,525,048	731,683		2,562	
GS 2	2,425,995,800	28,874,955		1,073,804	
GS 3	4,539,611,079	38,219,009		1,743,983	
Subtotal GS1	7,227,131,927	67,825,647	\$0.0093849	2,820,349	\$26,469
GS4/IRP	5,677,914,501	9,177,787	\$0.0016164	820,971	\$1,327
EHG	14,558,300	202,531			
EHS/SS	34,044,440	422,112			
Total C&I	12,953,649,168	77,628,078	\$0.0059928	3,641,320	\$27,796
Total	17,877,288,201	181,495,096		12,940,735	\$223,973

**Calculation of Net Lost Distribution Revenue
Based on Annual Incremental Net Energy (kWh) Savings at Meter - 2010
Ohio Power Company**

<u>Tariffs</u>	<u>Billed Energy (kWh)</u>	<u>Net Distribution Base Revenue (\$)</u>	<u>Average Revenue (\$/kWh)</u>	<u>Energy Savings at Meter (kWh)</u>	<u>Net Lost Distribution Revenue (\$)</u>
RS	7,608,259,860	142,864,424	\$0.0187775	75,858,667	\$1,424,439
GS 1	377,566,883	963,621		916,613	
GS 2	3,525,846,078	35,894,858		18,143,683	
GS 3	6,129,068,823	44,342,795		28,455,312	
Subtotal GS1	10,032,481,784	81,201,275	\$0.0080938	47,515,608	\$384,584
GS4/IRP	8,031,533,914	12,115,454	\$0.0015085	5,537,537	\$8,353
EHG	23,182,271	298,276			
EHS/SS	44,183,045	515,017			
Total C&I	18,131,381,014	94,130,022	\$0.0051916	53,053,145	\$392,937
Total	25,739,640,874	236,994,446		128,911,812	\$1,817,376

**Actual 2009 AEP Ohio EE/PDR Shared Savings
Columbus Southern Power Company**

<u>Program Name</u>	<u>2009 Program Investment</u>	<u>2009 Net Benefits</u>	<u>Shared Savings 15%</u>	<u>Shared Savings After Cap* 17%</u>	<u>Tax Gross-Up 55.924%</u>	<u>Pre-Tax Shared Savings</u>
<u>Measurable Residential Program</u>						
Consumer Sector						
Products	\$ 1,509,831	\$ 6,301,918				
Recycling	720,590	706,231				
Retrofit	-	-				
Low Income	(9,050)	-				
New Construction	12,054	-				
Conservation Kits	75,220	194,158				
Behavior Modification	12,519	-				
Pilot Program Fund	-	-				
Subtotal	\$ 2,321,165	\$ 7,202,307				\$ 644,222
<u>Measurable C&I Program</u>						
Demand Response	\$ -	\$ -				
Prescriptive	740,342	1,996,328				
Custom	28,105	(7,900)				
New Construction	11,747	-				
Express Install	-	-				
LED Traffic Signals	-	-				
Pilot Program Fund	\$ -	-				
Subtotal	\$ 780,194	\$ 1,988,428				\$ 177,858
Total	\$ 3,101,359	\$ 9,190,735	\$ 1,378,610	\$ 527,231	\$ 294,849	\$ 822,080

* Assumes Benchmark EE Target Achievement of: Greater than 115%

**Actual 2010 AEP Ohio EE/PDR Shared Savings
Columbus Southern Power Company**

<u>Program Name</u>	<u>2010 Program Investment</u>	<u>2010 Net Benefits</u>	<u>Shared Savings 15%</u>	<u>Shared Savings After Cap* 17%</u>	<u>Tax Gross-Up 55.711%</u>	<u>Pre-Tax Shared Savings</u>
<u>Measurable Residential Program</u>						
Consumer Sector						
Products	\$ 3,102,191	\$ 11,455,868				
Recycling	899,477	462,217				
Retrofit	462,447	(215,066)				
Low Income	739,747	(381,042)				
New Construction	201,501	(134,429)				
Conservation Kits	271,357	(13,480)				
Behavior Modification	767,854	(567,934)				
Pilot Program Fund	-	-				
Subtotal	\$ 6,444,574	\$ 10,606,134				\$ 935,331
<u>Measurable C&I Program</u>						
Demand Response	\$ 318,388	\$ (229,805)				
Prescriptive	5,498,284	26,285,040				
Custom	2,608,907	8,279,128				
New Construction	610	-				
Express Install	70,200	(55,623)				
LED Traffic Signals	617	-				
Pilot Program Fund	11,823	-				
Subtotal	\$ 8,508,828	\$ 34,278,740				\$ 3,022,964
Total	\$ 14,953,402	\$ 44,884,874	\$ 6,732,731	\$ 2,542,078	\$ 1,416,217	\$ 3,958,295

* Assumes Benchmark EE Target Achievement of: Greater than 115%

**Actual 2011 AEP Ohio EE/PDR Shared Savings
Columbus Southern Power Company**

<u>Program Name</u>	<u>2011 Program Investment</u>	<u>2011 Net Benefits</u>	<u>Shared Savings 15%</u>	<u>Shared Savings After Cap 17%</u>	<u>Tax Gross-Up 56.139%</u>	<u>Pre-Tax Shared Savings</u>
<u>Measurable Residential Program</u>						
Consumer Sector						
Products	\$ 3,534,783	\$ 34,054,873				
Recycling	\$ 1,375,525	\$ 3,352,720				
Retrofit	\$ 1,626,076	\$ 312,363				
Low Income	\$ 6,789,523	\$ (2,800,492)				
New Construction	\$ 667,174	\$ 443,784				
Conservation Kits	\$ 550,830	\$ 531,372				
Behavior Modification	\$ 998,870	\$ 2,039,581				
Pilot Program Fund	\$ 76,658	\$ -				
Subtotal	\$ 15,619,440	\$ 37,934,201				\$ 3,366,546
<u>Measurable C&I Program</u>						
Demand Response	\$ 484,534	\$ 3,059,397				
Prescriptive	\$ 7,714,442	\$ 30,254,130				
Custom	\$ 1,931,994	\$ 7,461,313				
New Construction	\$ 930,370	\$ 4,111,372				
Express Install	\$ 857,215	\$ (116,485)				
LED Traffic Signals	\$ -	\$ -				
Pilot Program Fund	\$ 113,554	\$ -				
Subtotal	\$ 12,032,109	\$ 44,769,726				\$ 3,973,178
Total	\$ 27,651,549	\$ 82,703,928	\$ 12,405,589	\$ 4,700,763	\$ 2,638,961	\$ 7,339,724

**Acutal 2009 AEP Ohio EE/PDR Shared Savings
Ohio Power Company**

<u>Program Name</u>	<u>2009 Program Investment</u>	<u>2009 Net Benefits</u>	<u>Shared Savings 15%</u>	<u>Shared Savings After Cap* 17%</u>	<u>Tax Gross-Up 56.929%</u>	<u>Pre-Tax Shared Savings</u>
<u>Measurable Residential Program</u>						
Consumer Sector						
Products	\$ 1,417,468	\$ 4,775,048				
Recycling	669,208	496,617				
Retrofit	-	-				
Low Income	(9,924)	-				
New Construction	11,460	-				
Conservation Kits	192,416	272,569				
Behavior Modification	11,855	-				
Pilot Program Fund	-	-				
Subtotal	\$ 2,292,484	\$ 5,544,234				\$ 443,975
<u>Measurable C&I Program</u>						
Demand Response	\$ -	\$ -				
Prescriptive	703,483	4,523,762				
Custom	26,177	37,454				
New Construction	11,191	-				
Express Install	-	-				
LED Traffic Signals	-	-				
Pilot Program Fund	\$ -	-				
Subtotal	\$ 740,851	\$ 4,561,216				\$ 365,256
Total	\$ 3,033,334	\$ 10,105,450	\$ 1,515,818	\$ 515,667	\$ 293,564	\$ 809,231

* Benchmark EE Target Achievement of: Greater than 115%

**Acutal 2010 AEP Ohio EE/PDR Shared Savings
Ohio Power Company**

<u>Program Name</u>	<u>2010 Program Investment</u>	<u>2010 Net Benefits</u>	<u>Shared Savings 15%</u>	<u>Shared Savings After Cap* 17%</u>	<u>Tax Gross-Up 57.010%</u>	<u>Pre-Tax Shared Savings</u>
<u>Measurable Residential Program</u>						
Consumer Sector						
Products	\$ 2,627,005	\$ 9,895,658				
Recycling	1,228,818	509,721				
Retrofit	466,543	(214,431)				
Low Income	410,652	(233,124)				
New Construction	195,040	(100,339)				
Conservation Kits	260,882	277,086				
Behavior Modification	717,749	(622,810)				
Pilot Program Fund	-	-				
Subtotal	\$ 5,906,689	\$ 9,511,761				\$ 951,929
<u>Measurable C&I Program</u>						
Demand Response	\$ -	\$ -				
Prescriptive	5,949,877	21,627,152				
Custom	1,792,355	5,551,386				
New Construction	587	-				
Express Install	89,054	(41,487)				
LED Traffic Signals	593	-				
Pilot Program Fund	2,127	-				
Subtotal	\$ 7,834,593	\$ 27,137,051				\$ 2,715,853
Total	\$ 13,741,282	\$ 36,648,812	\$ 5,497,322	\$ 2,336,018	\$ 1,331,764	\$ 3,667,782

* Benchmark EE Target Achievement of: Greater than 115%

Acutal 2011 AEP Ohio EE/PDR Shared Savings

<u>Program Name</u>	<u>2011 Program Investment</u>	<u>2011 Net Benefits</u>	<u>Shared Savings 15%</u>	<u>Shared Savings After Cap* 17%</u>	<u>Tax Gross-Up 56.994%</u>	<u>Pre-Tax Shared Savings</u>
<u>Measurable Residential Program</u>						
Consumer Sector						
Products	\$ 3,323,640	\$ 28,391,894				
Recycling	\$ 1,290,089	\$ 2,921,358				
Retrofit	\$ 762,255	\$ (91,642)				
Low Income	\$ 7,043,454	\$ (2,484,188)				
New Construction	\$ 381,950	\$ (86,646)				
Conservation Kits	\$ 569,034	\$ 959,675				
Behavior Modification	\$ 907,215	\$ 2,496,142				
Pilot Program Fund	\$ 165,972	\$ -				
Subtotal	\$ 14,443,609	\$ 32,106,593				\$ 3,353,735
<u>Measurable C&I Program</u>						
Demand Response	\$ -	\$ -				
Prescriptive	\$ 6,903,427	\$ 21,848,247				
Custom	\$ 1,719,587	\$ 8,996,620				
New Construction	\$ 856,481	\$ 1,131,637				
Express Install	\$ 873,366	\$ (155,988)				
LED Traffic Signals	\$ -	\$ -				
Pilot Program Fund	\$ 223,550	\$ -				
Subtotal	\$ 10,576,410	\$ 31,820,516				\$ 3,323,853
Total	\$ 25,020,019	\$ 63,927,109	\$ 9,589,066	\$ 4,253,403	\$ 2,424,185	\$ 6,677,588

* Benchmark EE Target Achievement of: Greater than 115%

ATTACHMENT 2

P.U.C.O. NO. 20

ENERGY EFFICIENCY AND PEAK DEMAND REDUCTION COST RECOVERY RIDER

Effective Cycle 1 ~~June 2010~~ August 2012, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Energy Efficiency and Peak Demand Reduction Cost Recovery charge per KWH as follows:

Schedule	Ohio Power Rate Zone ¢/KWH	Columbus Southern Power Rate Zone ¢/KWH
RS, RS-ES, RS-TOD and RDMS	0.294050 <u>0.306800</u>	N/A
R-R, R-R-1, RLM, RS-ES, RS-TOD, RS-TOD2, CPP and RTP	N/A	0.284150 <u>0.378100</u>
GS-1, GS-1 TOD	0.260730 <u>0.306400</u>	0.275890 <u>0.319200</u>
GS-2 and GS-TOD	0.260730 <u>0.306400</u>	0.275890 <u>0.319200</u>
GS-3	0.260730 <u>0.306400</u>	0.275890 <u>0.319200</u>
GS-4	0.036620 <u>0.042800</u>	0.041080 <u>0.046000</u>
EHG	0.260730 <u>0.306400</u>	N/A
EHS	0.260730 <u>0.306400</u>	N/A
SS	0.260730 <u>0.306400</u>	N/A
SL	0.00000	0.00000
AL	0.00000	0.00000
SBS	0.00000	0.00000

If approved by the Commission, mercantile customers that have committed their demand response or other customer-sited capabilities, whether existing or new, for integration into the Company's demand response, energy efficiency or peak demand reduction programs, may be exempted from this Rider.

~~For purposes of this Rider, the determination of the applicable Rider charge/credit is based on the customer's service schedule as of January 1, 2012~~

Filed pursuant to Orders dated December 14, 2011 in Case Nos. 11-346-EL-SSO, 11-348-EL-SSO, 11-351-EL-AIR and 11-352-EL-AIR

~~Issued: December 22, 2011~~

Effective: January 1, 2012

Issued by
~~Joseph Hamrock~~ Pablo Vegas, President
 AEP Ohio

P.U.C.O. NO. 20

OAD – ENERGY EFFICIENCY AND PEAK DEMAND REDUCTION COST RECOVERY RIDER
 (Open Access Distribution – Energy Efficiency and Peak Demand Reduction Cost Recovery Rider)

Effective Cycle 1 ~~June 2010~~ August 2012, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Energy Efficiency and Peak Demand Reduction Cost Recovery charge per KWH as follows:

Schedule	Ohio Power Rate Zone ¢/KWH	Columbus Southern Power Rate Zone ¢/KWH
OAD - RS	0.294050.306800	N/A
OAD - R-R	N/A	0.284150.378100
OAD - GS-1	0.260730.306400	0.275890.319200
OAD - GS-2	0.260730.306400	0.275890.319200
OAD - GS-3	0.260730.306400	0.275890.319200
OAD - GS-4	0.036620.042800	0.041080.046000
OAD - EHG	0.260730.306400	N/A
OAD - EHS	0.260730.306400	N/A
OAD - SS	0.260730.306400	N/A
OAD - SL	0.00000	0.00000
OAD - AL	0.00000	0.00000
OAD - SBS	0.00000	0.00000

If approved by the Commission, mercantile customers that have committed their demand response or other customer-sited capabilities, whether existing or new, for integration into the Company's demand response, energy efficiency or peak demand reduction programs, may be exempted from this Rider.

~~For purposes of this Rider, the determination of the applicable Rider charge/credit is based on the customer's service schedule as of January 1, 2012~~

Filed pursuant to Orders dated December 14, 2011 in Case Nos. 11-346-EL-SSO, 11-348-EL-SSO, 11-351-EL-AIR, and 11-352-EL-AIR

~~Issued: December 22, 2011~~

Effective: January 1, 2012

Issued by
~~Joseph Hamrock~~ Pablo Vegas, President
 AEP Ohio

ATTACHMENT 3

Ohio Power

**2012 Typical Bill Comparison - Reflecting 2012 Proposed EE PDR True-up
Columbus Southern Power Rate Zone**

<u>Tariff</u>	<u>kWh</u>	<u>KW</u>	<u>Current</u>	<u>Proposed</u>	<u>Difference</u>	<u>Difference</u>
Residential						
RR1 Annual	100		\$17.54	\$17.64	\$0.10	0.6%
	250		\$34.99	\$35.23	\$0.24	0.7%
	500		\$64.07	\$64.54	\$0.47	0.7%
RR Annual	750		\$100.74	\$101.45	\$0.71	0.7%
	1,000		\$124.54	\$125.48	\$0.94	0.8%
	1,500		\$168.29	\$169.70	\$1.41	0.8%
	2,000		\$212.02	\$213.90	\$1.88	0.9%
GS-1						
	375	3	\$63.08	\$63.25	\$0.17	0.3%
	1,000	3	\$151.25	\$151.68	\$0.43	0.3%
	750	6	\$115.98	\$116.30	\$0.32	0.3%
	2,000	6	\$258.46	\$259.32	\$0.86	0.3%
GS-2						
Secondary						
	1,500	12	\$253.07	\$253.72	\$0.65	0.3%
	4,000	12	\$514.05	\$515.78	\$1.73	0.3%
	6,000	30	\$846.54	\$849.14	\$2.60	0.3%
	10,000	30	\$1,263.73	\$1,268.06	\$4.33	0.3%
	10,000	40	\$1,332.55	\$1,336.88	\$4.33	0.3%
	14,000	40	\$1,749.72	\$1,755.79	\$6.07	0.4%
	12,500	50	\$1,662.12	\$1,667.53	\$5.41	0.3%
	18,000	50	\$2,234.07	\$2,241.87	\$7.80	0.4%
	15,000	75	\$2,094.93	\$2,101.43	\$6.50	0.3%
	30,000	150	\$4,167.21	\$4,180.20	\$12.99	0.3%
	60,000	300	\$8,311.71	\$8,337.70	\$25.99	0.3%
	100,000	500	\$13,837.74	\$13,881.05	\$43.31	0.3%
GS-2						
Primary						
	200,000	1,000	\$26,206.43	\$26,293.05	\$86.62	0.3%
GS-3						
Secondary						
	30,000	75	\$2,945.77	\$2,958.76	\$12.99	0.4%
	50,000	75	\$4,018.09	\$4,039.74	\$21.65	0.5%
	30,000	100	\$3,387.19	\$3,400.18	\$12.99	0.4%
	36,000	100	\$3,708.87	\$3,724.46	\$15.59	0.4%

Ohio Power**2012 Typical Bill Comparison - Reflecting 2012 Proposed EE PDR True-up
Columbus Southern Power Rate Zone**

<u>Tariff</u>	<u>kWh</u>	<u>KW</u>	<u>Current</u>	<u>Proposed</u>	<u>\$ Difference</u>	<u>Difference</u>
	60,000	150	\$5,873.54	\$5,899.53	\$25.99	0.4%
	100,000	150	\$8,018.17	\$8,061.48	\$43.31	0.5%
	90,000	300	\$10,220.93	\$10,259.91	\$38.98	0.4%
	120,000	300	\$11,829.40	\$11,881.37	\$51.97	0.4%
	150,000	300	\$13,437.88	\$13,502.84	\$64.96	0.5%
	200,000	300	\$16,118.65	\$16,205.27	\$86.62	0.5%
	150,000	500	\$17,019.44	\$17,084.40	\$64.96	0.4%
	180,000	500	\$18,627.89	\$18,705.85	\$77.96	0.4%
	200,000	500	\$19,700.21	\$19,786.83	\$86.62	0.4%
	325,000	500	\$26,402.17	\$26,542.93	\$140.76	0.5%
GS-3 Primary						
	300,000	1,000	\$32,269.78	\$32,399.71	\$129.93	0.4%
	360,000	1,000	\$35,404.63	\$35,560.55	\$155.92	0.4%
	400,000	1,000	\$37,494.54	\$37,667.78	\$173.24	0.5%
	650,000	1,000	\$50,556.44	\$50,837.95	\$281.51	0.6%
GS-4						
	1,500,000	5,000	\$132,507.31	\$132,581.11	\$73.80	0.1%
	2,500,000	5,000	\$177,740.91	\$177,863.91	\$123.00	0.1%
	3,250,000	5,000	\$211,666.11	\$211,826.01	\$159.90	0.1%
	3,000,000	10,000	\$242,561.65	\$242,709.25	\$147.60	0.1%
	5,000,000	10,000	\$333,028.85	\$333,274.85	\$246.00	0.1%
	6,500,000	10,000	\$400,879.25	\$401,199.05	\$319.80	0.1%
	6,000,000	20,000	\$462,657.26	\$462,952.46	\$295.20	0.1%
	10,000,000	20,000	\$643,591.66	\$644,083.66	\$492.00	0.1%
	13,000,000	20,000	\$779,292.46	\$779,932.06	\$639.60	0.1%
	15,000,000	50,000	\$1,122,964.28	\$1,123,702.28	\$738.00	0.1%
	25,000,000	50,000	\$1,575,300.28	\$1,576,530.28	\$1,230.00	0.1%
	32,500,000	50,000	\$1,914,552.28	\$1,916,151.28	\$1,599.00	0.1%

Ohio Power Company
2012 Typical Bill Comparison - Reflecting 2012 Proposed EE PDR True-up
Ohio Power Company Rate Zone

<u>Tariff</u>	<u>kWh</u>	<u>KW</u>	<u>Current</u>	<u>Current</u>	<u>\$</u> <u>Difference</u>	<u>Difference</u>
Residential	100		\$15.92	\$15.94	\$0.02	0.1%
	250		\$32.61	\$32.64	\$0.03	0.1%
	500		\$60.40	\$60.46	\$0.06	0.1%
	750		\$88.19	\$88.28	\$0.09	0.1%
	1,000		\$113.41	\$113.54	\$0.13	0.1%
	1,500		\$162.59	\$162.78	\$0.19	0.1%
	2,000		\$211.73	\$211.99	\$0.26	0.1%
GS-1 Secondary	375	3	\$51.68	\$51.85	\$0.17	0.3%
	1,000	3	\$109.42	\$109.87	\$0.45	0.4%
	750	6	\$86.32	\$86.66	\$0.34	0.4%
	2,000	6	\$201.77	\$202.69	\$0.92	0.5%
GS-2 Secondary	1,500	12	\$233.15	\$233.84	\$0.69	0.3%
	4,000	12	\$431.11	\$432.94	\$1.83	0.4%
	6,000	30	\$715.83	\$718.57	\$2.74	0.4%
	10,000	30	\$1,032.21	\$1,036.78	\$4.57	0.4%
	10,000	40	\$1,102.49	\$1,107.06	\$4.57	0.4%
	14,000	40	\$1,418.88	\$1,425.28	\$6.40	0.5%
	12,500	50	\$1,370.55	\$1,376.26	\$5.71	0.4%
	18,000	50	\$1,803.90	\$1,812.12	\$8.22	0.5%
	15,000	75	\$1,743.98	\$1,750.83	\$6.85	0.4%
	30,000	100	\$3,112.61	\$3,126.31	\$13.70	0.4%
	36,000	100	\$3,583.81	\$3,600.25	\$16.44	0.5%
	30,000	150	\$3,468.97	\$3,482.67	\$13.70	0.4%
	60,000	300	\$6,899.11	\$6,926.51	\$27.40	0.4%
	90,000	300	\$9,255.25	\$9,296.35	\$41.10	0.4%
	100,000	500	\$11,471.03	\$11,516.70	\$45.67	0.4%
	150,000	500	\$15,397.93	\$15,466.43	\$68.50	0.4%
	180,000	500	\$17,754.04	\$17,836.25	\$82.21	0.5%

Ohio Power Company
2012 Typical Bill Comparison - Reflecting 2012 Proposed EE PDR True-up
Ohio Power Company Rate Zone

<u>Tariff</u>	<u>kWh</u>	<u>KW</u>	<u>Current</u>	<u>Current</u>	<u>\$</u> <u>Difference</u>	<u>Difference</u>
GS-3	18,000	50	\$1,761.93	\$1,770.15	\$8.22	0.5%
Secondary	30,000	75	\$2,763.72	\$2,777.42	\$13.70	0.5%
	50,000	75	\$3,698.48	\$3,721.31	\$22.83	0.6%
	36,000	100	\$3,499.89	\$3,516.33	\$16.44	0.5%
	30,000	150	\$4,106.26	\$4,119.96	\$13.70	0.3%
	60,000	150	\$5,508.38	\$5,535.78	\$27.40	0.5%
	100,000	150	\$7,377.92	\$7,423.59	\$45.67	0.6%
	120,000	300	\$10,978.01	\$11,032.81	\$54.80	0.5%
	150,000	300	\$12,380.16	\$12,448.66	\$68.50	0.6%
	200,000	300	\$14,717.06	\$14,808.40	\$91.34	0.6%
	180,000	500	\$17,334.41	\$17,416.62	\$82.21	0.5%
	200,000	500	\$18,269.17	\$18,360.51	\$91.34	0.5%
	325,000	500	\$24,111.45	\$24,259.88	\$148.43	0.6%
GS-2	200,000	1,000	\$22,066.24	\$22,157.58	\$91.34	0.4%
Primary	300,000	1,000	\$29,743.09	\$29,880.10	\$137.01	0.5%
GS-3	360,000	1,000	\$33,552.92	\$33,717.33	\$164.41	0.5%
Primary	400,000	1,000	\$35,395.38	\$35,578.06	\$182.68	0.5%
	650,000	1,000	\$46,910.79	\$47,207.64	\$296.85	0.6%
GS-2						
Subtransmission	1,500,000	5,000	\$121,007.56	\$121,692.61	\$685.05	0.6%
GS-3	2,500,000	5,000	\$169,128.55	\$170,270.30	\$1,141.75	0.7%
Subtransmission	3,250,000	5,000	\$201,625.45	\$203,109.72	\$1,484.27	0.7%
GS-4	3,000,000	10,000	\$243,262.63	\$243,448.03	\$185.40	0.1%
Subtransmission	5,000,000	10,000	\$321,471.09	\$321,780.09	\$309.00	0.1%
	6,500,000	10,000	\$380,127.44	\$380,529.14	\$401.70	0.1%
	10,000,000	20,000	\$640,398.25	\$641,016.25	\$618.00	0.1%
	13,000,000	20,000	\$757,710.94	\$758,514.34	\$803.40	0.1%
GS-4	25,000,000	50,000	\$1,587,023.55	\$1,588,568.55	\$1,545.00	0.1%
Transmission	32,500,000	50,000	\$1,879,976.02	\$1,881,984.52	\$2,008.50	0.1%

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in

Case No(s). 12-1557-EL-RDR

Summary: Application of OPC to Update the Energy Efficiency and Peak Demand Reduction Rider electronically filed by Mr. Matthew J Satterwhite on behalf of Ohio Power Company