

**BEFORE THE
PUBLIC UTILITIES COMMISSION OF OHIO**

| | | |
|---|---|--------------------------------|
| In the Matter of the Application |) | |
| of Ohio Power Company to Update |) | Case No. 13-1201-EL-RDR |
| The Energy Efficiency and Peak |) | |
| Demand Reduction Rider |) | |

APPLICATION

1. Ohio Power Company (dba 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 initial Electric Security Plan (*ESP I*) proceeding (Case Nos. 08-917-EL-SSO and 08-918-EL-SSO), AEP Ohio proposed a comprehensive energy efficiency and peak demand reduction plan. As part of the *ESP I* decision, the Commission ordered AEP Ohio to move forward with the proposed programs and work with the collaborative to refine the process, and the Commission approved the then-empty Energy Efficiency/Peak Demand Reduction (EE/PDR) riders.
3. In the Company's initial Portfolio Plan approval proceedings (Case Nos. 09-1089-EL-POR and 09-1090-EL-POR, collectively referred to as "2009 Portfolio cases") the Commission approved a settlement that approved the initial EE/PDR rider rates effective on the first billing cycle of June 2010. (May 13, 2010 Opinion and Order).
4. The decision in the 2009 Portfolio cases 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 the 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 rejected the Company's Application for Rehearing of decision in the 2009 Portfolio cases denying the Company's net lost distribution revenues on programs established in 2011. The 2011 portion of this filing, as further discussed below, 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 May 15, 2012 in Case No. 12-1557-EL-RDR, the Ohio Power Company filed an application for the 2009-2011 comprehensive update under the 2009 Portfolio case, to date, there has been no Commission action on that filing.
7. 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 cases")
8. On August 8, 2012 the Commission issued Opinion and Orders in Case Nos. 11-346-EL-SSO and 11-348-EL-SSO (*ESP II*) approving the merger of the EE/PDR rider rates for the CSP and OP rate zones and, for the term of the

modified ESP (January 2012-May 2015), continuing the EE/PDR rider as adopted in the *ESP I* Order. In addition, the Commission determined that because the IRP-D credit promotes energy efficiency, it is appropriate for AEP-Ohio to recover any costs associated with the IRP-D credit under the EE/PDR rider. 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 cases along with the final true-up from the 2009 Portfolio cases as filed in Case No. 12-1557-EL-RDR.

9. Because the EE/PDR rider rates effective initially approved effective in June 2010 have not been updated since that time, the Company is proposing comprehensive updates to the EE/PDR riders in this case to cover 2009-2012 actual expenditures.¹ The supporting calculations, are attached to this Application. Attachment 1 includes the authorized EE/PDR rates from the 2012 Portfolio Approvals updated for 2012 actuals and the 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-ups. Attachment 3 includes the 2012 typical bill comparison, reflecting the proposed true-ups. The detail can be found in the attachment but a summary is provided here:

| Columbus Southern Power Customers | Change in Typical Bill |
|--|-------------------------------|
| Residential | 1.6% to 2.6% |
| GS-1 | 1.1% to 1.4% |
| GS-2 | 1.1% to 1.5% |
| GS-3 | 1.6% to 2.2% |

¹ In effect, the request in this case for a comprehensive update would moot the need to separately decide the 12-1557 case.

| | |
|-----------------------------|---------------|
| GS-4 | 0.8% to 1.1% |
| Ohio Power Customers | |
| Residential | 1.7% to 2.5 % |
| GS-1 | 1.3% to 1.7% |
| GS-2 | 1.1% to 2.1% |
| GS-3 | 1.7% to 2.6 % |
| GS-4 | 0.8% to 1.1% |

10. The Company proposes that their EE/PDR Riders become effective with the first billing cycle of August 2013 consistent with the March 21, 2012 Order in the 2012 Portfolio cases.
11. The Company's EE/PDR Riders are just and reasonable and are authorized by the Commission as part of their ESPs and the 2009 and 2012 Portfolio cases.

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

Respectfully submitted,

/s// Steven T. Nourse

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ATTACHMENT 1

Calculation of Energy Efficiency and Peak Demand Reduction Rider January 2012 - December 2014
AEP Ohio

| <u>Tariffs</u> | <u>Program Costs (\$)</u> | <u>Shared Savings (\$)</u> | <u>Total (\$)</u> | <u>Rider Revenue</u> | <u>2013-2014 Costs</u> | <u>Forecasted Metered Energy (kWh)</u> | <u>EE&PDR Rider (\$/kWh)</u> | <u>Revenue Verification (\$)</u> | <u>2009-2011 Rider True-Up (\$/kWh)</u> | <u>IRP Portion EE&PDR Rider (\$/kWh)</u> | <u>EE&PDR Rider (\$/kWh)</u> |
|----------------|-----------------------------------|------------------------------------|-----------------------|--------------------------|----------------------------|--|--------------------------------------|--|---|--|--------------------------------------|
| RS | \$ 120,828,016 | \$ 37,209,147 | \$ 158,037,163 | \$ 41,803,243 | \$ 116,233,920 | 28,926,410,940 | 0.0054634 | 158,037,163 | 0.0000419 | \$ 0.000506 | 0.0060117 |
| All Other C&I | \$ 119,823,996 | \$ 51,110,254 | \$ 170,934,250 | \$ 50,917,786 | \$ 120,016,464 | 38,166,532,976 | 0.0044786 | 170,934,250 | (0.0003120) | \$ 0.000506 | 0.0046731 |
| GS4/IRP | \$ 12,563,563 | \$ 5,358,584 | \$ 17,922,147 | \$ 4,956,945 | \$ 12,965,202 | 26,311,221,470 | 0.0006812 | 17,922,147 | (0.0000459) | \$ 0.000506 | 0.0011417 |
| Total C&I | \$ 132,387,558 | \$ 56,468,838 | \$ 188,856,397 | \$ 55,874,731 | \$ 132,981,666 | 64,477,754,446 | | 188,856,397 | | | |
| Total | \$ 253,215,574 | \$ 93,677,985 | \$ 346,893,559 | \$ 97,677,974 | \$ 249,215,585 | 93,404,165,386 | | 346,893,560 | | | |

| <u>Tariffs</u> | <u>IRP Credits (\$)</u> | <u>Forecasted Metered Energy (kWh)</u> | <u>IRP Portion EE&PDR Rider (\$/kWh)</u> | <u>Revenue Verification (\$)</u> |
|----------------|---------------------------------|--|--|--|
| RS | \$ 14,648,951 | 28,926,410,940 | \$ 0.000506 | 14,648,951 |
| All Other C&I | \$ 19,328,346 | 38,166,532,976 | \$ 0.000506 | 19,328,346 |
| GS4/IRP | \$ 13,324,564 | 26,311,221,470 | \$ 0.000506 | 13,324,564 |
| Total C&I | \$ 32,652,910 | 64,477,754,446 | | 32,652,910 |
| Total | \$ 47,301,862 | 93,404,165,386 | | 47,301,862 |

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

| <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 2010 & Forecast Jan-Jun 2011</u> (\$) | <u>Total</u> (\$) | <u>Forecasted Metered Energy</u> (kWh) | <u>EE&PDR Rider</u> (\$/kWh) | <u>Revenue Verification</u> (\$) |
|----------------|----------------------------------|--|-----------------------------------|----------------------|---|------------------------------------|---|----------------------|---|-------------------------------------|---|
| RS | 57,075,305 | 4,205,608 | 9,695,738 | 70,976,652 | | 70,976,652 | 69,133,362 | 1,843,289 | 43,950,840,588 | 0.0000419 | 1,841,540 |
| All Other C&I | | | | | 631,181,747 | 63,935,019 | 81,987,109 | (18,052,090) | 57,861,196,265 | (0.0003120) | (18,052,693) |
| GS4/IRP | | | | | 60,994,558 | 6,178,392 | 8,135,544 | (1,957,152) | 42,627,425,500 | (0.0000459) | (1,956,599) |
| Total C&I | 55,606,968 | 927,481 | 13,578,962 | 70,113,411 | 692,176,305 | 70,113,411 | 90,122,653 | (20,009,242) | 100,488,621,765 | | (20,009,292) |
| Total | 112,682,273 | 5,133,089 | 23,274,700 | 141,090,062 | | 141,090,062 | 159,256,015 | (18,165,953) | 144,439,462,353 | | (18,167,752) |

Annual Total Investments by Program
2012 Actual 2013 - 2014 Estimate
AEP Ohio

| Program Name | Percent* | Program Costs | | | |
|------------------------------|----------|---------------|---------------|---------------|----------------|
| | | 2012 | 2013 | 2014 | 2012-2014 |
| <u>Residential Program</u> | | | | | |
| Consumer Sector | | | | | |
| Products | | \$ 10,808,536 | \$ 13,100,000 | \$ 11,900,000 | \$ 35,808,536 |
| Recycling | | \$ 2,841,627 | \$ 5,700,000 | \$ 7,200,000 | \$ 15,741,627 |
| Retrofit | | \$ 3,374,159 | \$ 3,300,000 | \$ 4,400,000 | \$ 11,074,159 |
| Behavior Change | | \$ 1,244,977 | \$ 2,000,000 | \$ 2,400,000 | \$ 5,644,977 |
| New Construction | | \$ 2,174,609 | \$ 1,000,000 | \$ 1,000,000 | \$ 4,174,609 |
| e ³ SMART | | \$ 914,636 | \$ 1,100,000 | \$ 1,100,000 | \$ 3,114,636 |
| Community Assistance | | \$ 7,469,722 | \$ 10,900,000 | \$ 10,700,000 | \$ 29,069,722 |
| Research and Development | 50% | \$ 229,441 | \$ 1,250,000 | \$ 1,250,000 | \$ 2,729,441 |
| Education and Training | 20% | \$ 54,109 | \$ 140,000 | \$ 140,000 | \$ 334,109 |
| Targeted Advertising | 80% | \$ 5,253,503 | \$ 3,440,000 | \$ 3,440,000 | \$ 12,133,503 |
| Codes and Standards | 100% | \$ 2,697 | \$ 500,000 | \$ 500,000 | \$ 1,002,697 |
| Residential Program Subtotal | | \$ 34,368,016 | \$ 42,430,000 | \$ 44,030,000 | \$ 120,828,016 |
| <u>C&I Programs</u> | | | | | |
| Prescriptive | | \$ 17,174,822 | \$ 19,700,000 | \$ 20,100,000 | \$ 56,974,822 |
| Custom | | \$ 3,055,156 | \$ 8,900,000 | \$ 8,700,000 | \$ 20,655,156 |
| New Construction | | \$ 2,419,387 | \$ 1,000,000 | \$ 1,000,000 | \$ 4,419,387 |
| Express | | \$ 2,170,658 | \$ 3,600,000 | \$ 3,800,000 | \$ 9,570,658 |
| Self Direct | | \$ 2,887,520 | \$ 3,000,000 | \$ 3,000,000 | \$ 8,887,520 |
| Demand Response | | \$ 5,100 | \$ 600,000 | \$ 1,700,000 | \$ 2,305,100 |
| Retro-Commissioning | | \$ 200,529 | \$ 1,200,000 | \$ 1,600,000 | \$ 3,000,529 |
| Continuous Improvement | | \$ 234,819 | \$ 3,000,000 | \$ 4,000,000 | \$ 7,234,819 |
| Energy Efficiency Auction | | \$ - | \$ 3,000,000 | \$ 4,100,000 | \$ 7,100,000 |
| Data Center | | \$ 8,298 | \$ 1,400,000 | \$ 1,900,000 | \$ 3,308,298 |
| Research and Development | 50% | \$ 61,459 | \$ 1,250,000 | \$ 1,250,000 | \$ 2,561,459 |
| Education and Trainign | 80% | \$ 216,435 | \$ 560,000 | \$ 560,000 | \$ 1,336,435 |
| Targeted Advertising | 20% | \$ 1,313,376 | \$ 860,000 | \$ 860,000 | \$ 3,033,376 |
| Business Behavior Change | | \$ - | \$ 1,000,000 | \$ 1,000,000 | \$ 2,000,000 |
| C&I Program Subtotal | | \$ 29,747,558 | \$ 49,070,000 | \$ 53,570,000 | \$ 132,387,558 |
| Total Programs | | \$ 64,115,574 | \$ 91,500,000 | \$ 97,600,000 | \$ 253,215,574 |

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

Allocation of Program Costs by Company - 2012 Actual 2013 - 2014 Estimate
AEP Ohio Power Company

| <u>Tariffs</u> | Program Costs | | | CSP Total |
|----------------|---------------|---------------|---------------|------------------|
| | <u>2012</u> | <u>2013</u> | <u>2014</u> | <u>2012-2014</u> |
| RS | \$ 34,368,016 | \$ 42,430,000 | \$ 44,030,000 | \$ 120,828,016 |
| All Other C&I | \$ 26,924,519 | \$ 44,413,263 | \$ 48,486,214 | \$ 119,823,996 |
| GS4/IRP | \$ 2,823,040 | \$ 4,656,737 | \$ 5,083,786 | \$ 12,563,563 |
| Total C&I | \$ 29,747,558 | \$ 49,070,000 | \$ 53,570,000 | \$ 132,387,558 |
| Total | \$ 64,115,574 | \$ 91,500,000 | \$ 97,600,000 | \$ 253,215,574 |

**Actual 2012 AEP Ohio EE/PDR Shared Savings
Columbus Southern Power Company**

| <u>Tariffs</u> | <u>2012 Net Benefits</u> | <u>Shared Savings 13%</u> | <u>Tax Gross-Up 56.130%</u> | <u>Pre-Tax Shared Savings</u> |
|----------------|------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| RS | \$ 47,036,899 | \$ 6,114,797 | \$ 3,432,234 | \$ 9,547,031 |
| All Other C&I | \$ 35,596,462 | \$ 4,627,540 | \$ 2,597,437 | \$ 7,224,977 |
| GS4/IRP | \$ 2,653,622 | \$ 344,971 | \$ 193,632 | \$ 538,603 |
| Total C&I | \$ 38,250,084 | \$ 4,972,511 | \$ 2,791,069 | \$ 7,763,580 |
| Total | \$ 85,286,983 | \$ 11,087,308 | \$ 6,223,303 | \$ 17,310,611 |

**Estimated 2013 AEP Ohio EE/PDR Shared Savings
Columbus Southern Power Company**

| <u>Tariffs</u> | <u>2013 Net Benefits</u> | <u>Shared Savings 13%</u> | <u>Tax Gross-Up 55.711%</u> | <u>Pre-Tax Shared Savings</u> |
|----------------|------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| RS | \$ 21,216,137 | \$ 2,758,098 | \$ 1,536,564 | \$ 4,294,662 |
| All Other C&I | \$ 51,086,531 | \$ 6,641,249 | \$ 3,699,906 | \$ 10,341,155 |
| GS4/IRP | \$ 3,808,365 | \$ 495,088 | \$ 275,818 | \$ 770,906 |
| Total C&I | \$ 54,894,896 | \$ 7,136,337 | \$ 3,975,724 | \$ 11,112,061 |
| Total | \$ 76,111,034 | \$ 9,894,434 | \$ 5,512,288 | \$ 15,406,723 |

**Estimated 2014 AEP Ohio EE/PDR Shared Savings
Columbus Southern Power Company**

| <u>Tariffs</u> | <u>2014 Net Benefits</u> | <u>Shared Savings 13%</u> | <u>Tax Gross-Up 55.711%</u> | <u>Pre-Tax Shared Savings</u> |
|----------------|------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| RS | \$ 21,075,895 | \$ 2,739,866 | \$ 1,526,407 | \$ 4,266,273 |
| All Other C&I | \$ 53,680,440 | \$ 6,978,457 | \$ 3,887,768 | \$ 10,866,225 |
| GS4/IRP | \$ 4,001,734 | \$ 520,225 | \$ 289,823 | \$ 810,048 |
| Total C&I | \$ 57,682,174 | \$ 7,498,683 | \$ 4,177,591 | \$ 11,676,274 |
| Total | \$ 78,758,069 | \$ 10,238,549 | \$ 5,703,998 | \$ 15,942,547 |

**Actual 2012 AEP Ohio EE/PDR Shared Savings
Ohio Power Company**

| <u>Tariffs</u> | <u>2012 Net Benefits</u> | <u>Shared Savings 13%</u> | <u>Tax Gross-Up 56.130%</u> | <u>Pre-Tax Shared Savings</u> |
|----------------|------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| RS | \$ 39,503,774 | \$ 5,135,491 | \$ 2,882,550 | \$ 8,018,040 |
| All Other C&I | \$ 39,177,093 | \$ 5,093,022 | \$ 2,858,712 | \$ 7,951,734 |
| GS4/IRP | \$ 5,186,396 | \$ 674,231 | \$ 378,446 | \$ 1,052,677 |
| Total C&I | \$ 44,363,489 | \$ 5,767,254 | \$ 3,237,158 | \$ 9,004,411 |
| Total | \$ 83,867,263 | \$ 10,902,744 | \$ 6,119,708 | \$ 17,022,452 |

**Estimated 2013 AEP Ohio EE/PDR Shared Savings
Ohio Power Company**

| <u>Tariffs</u> | <u>2013 Net Benefits</u> | <u>Shared Savings 13%</u> | <u>Tax Gross-Up 57.010%</u> | <u>Pre-Tax Shared Savings</u> |
|----------------|------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| RS | \$ 17,818,299 | \$ 2,316,379 | \$ 1,320,568 | \$ 3,636,946 |
| All Other C&I | \$ 56,225,299 | \$ 7,309,289 | \$ 4,167,026 | \$ 11,476,315 |
| GS4/IRP | \$ 7,443,295 | \$ 967,628 | \$ 551,645 | \$ 1,519,273 |
| Total C&I | \$ 63,668,595 | \$ 8,276,917 | \$ 4,718,671 | \$ 12,995,588 |
| Total | \$ 81,486,893 | \$ 10,593,296 | \$ 6,039,238 | \$ 16,632,534 |

**Estimated 2014 AEP Ohio EE/PDR Shared Savings
Ohio Power Company**

| <u>Tariffs</u> | <u>2014 Net Benefits</u> | <u>Shared Savings 13%</u> | <u>Tax Gross-Up 57.010%</u> | <u>Pre-Tax Shared Savings</u> |
|----------------|------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|
| RS | \$ 17,700,516 | \$ 2,301,067 | \$ 1,311,838 | \$ 3,612,905 |
| All Other C&I | \$ 59,080,128 | \$ 7,680,417 | \$ 4,378,606 | \$ 12,059,022 |
| GS4/IRP | \$ 7,821,227 | \$ 1,016,760 | \$ 579,655 | \$ 1,596,414 |
| Total C&I | \$ 66,901,356 | \$ 8,697,176 | \$ 4,958,260 | \$ 13,655,436 |
| Total | \$ 84,601,872 | \$ 10,998,243 | \$ 6,270,099 | \$ 17,268,342 |

**Allocation of IRP-D Credits
AEP Ohio**

| <u>Tariffs</u> | <u>Actual</u> <u>2012</u> |
|----------------|------------------------------|
| RS | \$ 2,126,251 |
| All Other C&I | \$ 2,805,452 |
| GS4/IRP | \$ 1,934,020 |
| Total C&I | \$ 4,739,472 |
| <hr/> | |
| Total | \$ 6,865,723 |

| <u>Tariffs</u> | <u>Forecast</u> <u>2013 -2014</u> |
|----------------|--------------------------------------|
| RS | \$ 12,522,700 |
| All Other C&I | \$ 16,522,895 |
| GS4/IRP | \$ 11,390,543 |
| Total C&I | \$ 27,913,438 |
| <hr/> | |
| Total | \$ 40,436,138 |

| <u>Tariffs</u> | <u>Total</u> <u>2012 -2014</u> |
|----------------|-----------------------------------|
| RS | \$ 14,648,951 |
| All Other C&I | \$ 19,328,346 |
| GS4/IRP | \$ 13,324,564 |
| Total C&I | \$ 32,652,910 |
| <hr/> | |
| Total | \$ 47,301,862 |

ATTACHMENT 2

P.U.C.O. NO. 20

ENERGY EFFICIENCY AND PEAK DEMAND REDUCTION COST RECOVERY RIDER

Effective Cycle 1 ~~September 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 | ¢/KWH |
|--|----------------------------|
| RS, RS-ES, RS-TOD and RDMS | 0.28902 .60117 |
| R-R, R-R-1, RLM, RS-ES, RS-TOD, RS-TOD2, CPP and RTP | 0.28902 0.60117 |
| GS-1, GS-1 TOD | 0.26773 0.46731 |
| GS-2, GS-2-TOD and GS-TOD | 0.26773 0.46731 |
| GS-3 | 0.26773 0.46731 |
| GS-4 /IRP | 0.03845 0.11417 |
| EHG | 0.26773 0.46731 |
| EHS | 0.26773 0.46731 |
| SS | 0.26773 0.46731 |
| SL | 0.00000 |
| AL | 0.00000 |
| SBS | 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.

Filed pursuant to Order dated August 8, 2012 in Case No. 11-346-EL-SSO

Issued: ~~August 16, 2012~~Effective: ~~Cycle 1 September, 2012~~

Issued by
 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 ~~September 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 | ¢/KWH |
|--|---------------------------|
| RS, RS-ES, RS-TOD and RDMS | 0.289020.60117 |
| R-R, R-R-1, RLM, RS-ES, RS-TOD, RS-TOD2, CPP and RTP | 0.289020.60117 |
| GS-1, GS-1 TOD | 0.267730.46731 |
| GS-2, GS-2-TOD and GS-TOD | 0.267730.46731 |
| GS-3 | 0.267730.46731 |
| GS-4 /IRP | 0.038450.11417 |
| EHG | 0.267730.46731 |
| EHS | 0.267730.46731 |
| SS | 0.267730.46731 |
| SL | 0.00000 |
| AL | 0.00000 |
| SBS | 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.

Filed pursuant to Order dated August 8, 2012 in Case Nos. 11-346-EL-SSO

Issued: ~~August 16, 2012~~

Effective: ~~Cycle 1 September 2012~~

Issued by
 Pablo Vegas, President
 AEP Ohio

ATTACHMENT 3

Ohio Power Company
2013 Typical Bill Comparison - EE/PDR 2012 True-up
Columbus Southern Power Rate Zone

| <u>Tariff</u> | <u>kWh</u> | <u>KW</u> | <u>Current</u> | <u>Proposed</u> | <u>\$</u> <u>Difference</u> | <u>Difference</u> |
|--------------------|------------|-----------|----------------|-----------------|--------------------------------|-------------------|
| <u>Residential</u> | | | | | | |
| RR1 Annual | 100 | | \$19.44 | \$19.75 | \$0.31 | 1.6% |
| | 250 | | \$39.43 | \$40.21 | \$0.78 | 2.0% |
| | 500 | | \$72.83 | \$74.39 | \$1.56 | 2.1% |
| RR Annual | 750 | | \$114.01 | \$116.35 | \$2.34 | 2.1% |
| | 1,000 | | \$141.75 | \$144.87 | \$3.12 | 2.2% |
| | 1,500 | | \$193.17 | \$197.85 | \$4.68 | 2.4% |
| | 2,000 | | \$244.57 | \$250.81 | \$6.24 | 2.6% |
| GS-1 | | | | | | |
| | 375 | 3 | \$65.96 | \$66.71 | \$0.75 | 1.1% |
| | 1,000 | 3 | \$160.53 | \$162.52 | \$1.99 | 1.2% |
| | 750 | 6 | \$122.70 | \$124.19 | \$1.49 | 1.2% |
| | 2,000 | 6 | \$278.02 | \$282.02 | \$4.00 | 1.4% |
| GS-2 Secondary | | | | | | |
| | 1,500 | 12 | \$268.65 | \$271.64 | \$2.99 | 1.1% |
| | 4,000 | 12 | \$553.39 | \$561.37 | \$7.98 | 1.4% |
| | 6,000 | 30 | \$907.83 | \$919.81 | \$11.98 | 1.3% |
| | 10,000 | 30 | \$1,363.04 | \$1,383.00 | \$19.96 | 1.5% |
| | 10,000 | 40 | \$1,433.52 | \$1,453.48 | \$19.96 | 1.4% |
| | 14,000 | 40 | \$1,888.76 | \$1,916.70 | \$27.94 | 1.5% |
| | 12,500 | 50 | \$1,788.50 | \$1,813.44 | \$24.94 | 1.4% |
| | 18,000 | 50 | \$2,412.75 | \$2,448.68 | \$35.93 | 1.5% |
| | 15,000 | 75 | \$2,249.16 | \$2,279.10 | \$29.94 | 1.3% |
| | 30,000 | 150 | \$4,476.30 | \$4,536.17 | \$59.87 | 1.3% |
| | 60,000 | 300 | \$8,930.59 | \$9,050.33 | \$119.74 | 1.3% |
| | 100,000 | 500 | \$14,869.62 | \$15,069.20 | \$199.58 | 1.3% |
| GS-2 Primary | | | | | | |
| | 100,000 | 1,000 | \$17,070.02 | \$17,269.60 | \$199.58 | 1.2% |
| GS-3 Secondary | | | | | | |
| | 30,000 | 75 | \$3,391.61 | \$3,451.48 | \$59.87 | 1.8% |
| | 50,000 | 75 | \$4,683.87 | \$4,783.65 | \$99.78 | 2.1% |
| | 30,000 | 100 | \$3,868.66 | \$3,928.53 | \$59.87 | 1.6% |
| | 36,000 | 100 | \$4,256.33 | \$4,328.18 | \$71.85 | 1.7% |

Ohio Power Company
2013 Typical Bill Comparison - EE/PDR 2012 True-up
Columbus Southern Power Rate Zone

| <u>Tariff</u> | <u>kWh</u> | <u>KW</u> | <u>Current</u> | <u>Proposed</u> | <u>\$</u> <u>Difference</u> | <u>Difference</u> |
|-----------------|------------|-----------|----------------|-----------------|--------------------------------|-------------------|
| | 60,000 | 150 | \$6,761.18 | \$6,880.92 | \$119.74 | 1.8% |
| | 100,000 | 150 | \$9,345.70 | \$9,545.28 | \$199.58 | 2.1% |
| | 90,000 | 300 | \$11,561.97 | \$11,741.59 | \$179.62 | 1.6% |
| | 120,000 | 300 | \$13,500.36 | \$13,739.85 | \$239.49 | 1.8% |
| | 150,000 | 300 | \$15,438.75 | \$15,738.11 | \$299.36 | 1.9% |
| | 200,000 | 300 | \$18,669.38 | \$19,068.53 | \$399.15 | 2.1% |
| | 150,000 | 500 | \$19,255.28 | \$19,554.64 | \$299.36 | 1.6% |
| | 180,000 | 500 | \$21,193.65 | \$21,552.89 | \$359.24 | 1.7% |
| | 200,000 | 500 | \$22,485.91 | \$22,885.06 | \$399.15 | 1.8% |
| | 325,000 | 500 | \$30,562.53 | \$31,211.16 | \$648.63 | 2.1% |
| GS-3 Primary | | | | | | |
| | 300,000 | 1,000 | \$36,529.23 | \$37,127.96 | \$598.73 | 1.6% |
| | 360,000 | 1,000 | \$40,305.31 | \$41,023.78 | \$718.47 | 1.8% |
| | 400,000 | 1,000 | \$42,822.69 | \$43,621.00 | \$798.31 | 1.9% |
| | 650,000 | 1,000 | \$58,556.35 | \$59,853.59 | \$1,297.24 | 2.2% |
| GS-4 | | | | | | |
| | 1,500,000 | 5,000 | \$144,953.74 | \$146,089.51 | \$1,135.77 | 0.8% |
| | 2,500,000 | 5,000 | \$202,994.24 | \$204,887.19 | \$1,892.95 | 0.9% |
| | 3,250,000 | 5,000 | \$246,524.63 | \$248,985.46 | \$2,460.83 | 1.0% |
| | 3,000,000 | 10,000 | \$265,799.49 | \$268,071.03 | \$2,271.54 | 0.9% |
| | 5,000,000 | 10,000 | \$381,880.49 | \$385,666.40 | \$3,785.91 | 1.0% |
| | 6,500,000 | 10,000 | \$468,941.24 | \$473,862.92 | \$4,921.68 | 1.1% |
| | 6,000,000 | 20,000 | \$507,490.99 | \$512,034.08 | \$4,543.09 | 0.9% |
| | 10,000,000 | 20,000 | \$739,652.99 | \$747,224.80 | \$7,571.81 | 1.0% |
| | 13,000,000 | 20,000 | \$913,774.49 | \$923,617.84 | \$9,843.35 | 1.1% |
| | 15,000,000 | 50,000 | \$1,232,565.49 | \$1,243,923.21 | \$11,357.72 | 0.9% |
| | 25,000,000 | 50,000 | \$1,812,970.49 | \$1,831,900.02 | \$18,929.53 | 1.0% |
| | 32,500,000 | 50,000 | \$2,248,274.24 | \$2,272,882.63 | \$24,608.39 | 1.1% |

* Typical bills assume 100% Power Factor

Ohio Power Company
2013 Typical Bill Comparison - EE/PDR 2012 True-up
Ohio Power Rate Zone

| <u>Tariff</u> | <u>kWh</u> | <u>KW</u> | <u>Current</u> | <u>Proposed</u> | <u>\$</u> <u>Difference</u> | <u>Difference</u> |
|-------------------|------------|-----------|----------------|-----------------|--------------------------------|-------------------|
| Residential | 100 | | \$18.34 | \$18.65 | \$0.31 | 1.7% |
| | 250 | | \$38.06 | \$38.84 | \$0.78 | 2.1% |
| | 500 | | \$71.01 | \$72.57 | \$1.56 | 2.2% |
| | 750 | | \$103.92 | \$106.26 | \$2.34 | 2.3% |
| | 1,000 | | \$134.19 | \$137.31 | \$3.12 | 2.3% |
| | 1,500 | | \$193.41 | \$198.09 | \$4.68 | 2.4% |
| | 2,000 | | \$252.60 | \$258.84 | \$6.24 | 2.5% |
| GS-1 Secondary | 375 | 3 | \$58.94 | \$59.69 | \$0.75 | 1.3% |
| | 1,000 | 3 | \$126.68 | \$128.67 | \$1.99 | 1.6% |
| | 750 | 6 | \$99.59 | \$101.08 | \$1.49 | 1.5% |
| | 2,000 | 6 | \$235.08 | \$239.08 | \$4.00 | 1.7% |
| GS-2 Secondary | 1,500 | 12 | \$263.38 | \$266.37 | \$2.99 | 1.1% |
| | 4,000 | 12 | \$504.79 | \$512.77 | \$7.98 | 1.6% |
| | 6,000 | 30 | \$827.65 | \$839.63 | \$11.98 | 1.5% |
| | 10,000 | 30 | \$1,213.55 | \$1,233.51 | \$19.96 | 1.6% |
| | 10,000 | 40 | \$1,285.74 | \$1,305.70 | \$19.96 | 1.6% |
| | 14,000 | 40 | \$1,671.63 | \$1,699.57 | \$27.94 | 1.7% |
| | 12,500 | 50 | \$1,599.10 | \$1,624.04 | \$24.94 | 1.6% |
| | 18,000 | 50 | \$2,128.00 | \$2,163.93 | \$35.93 | 1.7% |
| | 15,000 | 75 | \$2,020.72 | \$2,050.66 | \$29.94 | 1.5% |
| | 30,000 | 100 | \$3,639.87 | \$3,699.74 | \$59.87 | 1.6% |
| | 36,000 | 100 | \$4,215.35 | \$4,287.20 | \$71.85 | 1.7% |
| | 30,000 | 150 | \$4,000.77 | \$4,060.64 | \$59.87 | 1.5% |
| | 60,000 | 300 | \$7,960.86 | \$8,080.60 | \$119.74 | 1.5% |
| | 90,000 | 300 | \$10,838.23 | \$11,017.85 | \$179.62 | 1.7% |
| | 100,000 | 500 | \$13,240.97 | \$13,440.55 | \$199.58 | 1.5% |
| | 150,000 | 500 | \$18,036.62 | \$18,335.98 | \$299.36 | 1.7% |
| | 180,000 | 500 | \$20,913.97 | \$21,273.21 | \$359.24 | 1.7% |

Ohio Power Company
2013 Typical Bill Comparison - EE/PDR 2012 True-up
Ohio Power Rate Zone

| <u>Tariff</u> | <u>kWh</u> | <u>KW</u> | <u>Current</u> | <u>Proposed</u> | <u>\$</u> <u>Difference</u> | <u>Difference</u> |
|-------------------------|------------|-----------|----------------|-----------------|--------------------------------|-------------------|
| GS-3 Secondary | 18,000 | 50 | \$2,106.69 | \$2,142.62 | \$35.93 | 1.7% |
| | 30,000 | 75 | \$3,331.73 | \$3,391.60 | \$59.87 | 1.8% |
| | 50,000 | 75 | \$4,611.86 | \$4,711.64 | \$99.78 | 2.2% |
| | 36,000 | 100 | \$4,172.71 | \$4,244.56 | \$71.85 | 1.7% |
| | 30,000 | 150 | \$4,702.58 | \$4,762.45 | \$59.87 | 1.3% |
| | 60,000 | 150 | \$6,622.76 | \$6,742.50 | \$119.74 | 1.8% |
| | 100,000 | 150 | \$9,183.00 | \$9,382.58 | \$199.58 | 2.2% |
| | 120,000 | 300 | \$13,204.84 | \$13,444.33 | \$239.49 | 1.8% |
| | 150,000 | 300 | \$15,125.03 | \$15,424.39 | \$299.36 | 2.0% |
| | 200,000 | 300 | \$18,325.32 | \$18,724.47 | \$399.15 | 2.2% |
| | 180,000 | 500 | \$20,700.82 | \$21,060.06 | \$359.24 | 1.7% |
| | 200,000 | 500 | \$21,980.94 | \$22,380.09 | \$399.15 | 1.8% |
| | 325,000 | 500 | \$29,981.71 | \$30,630.34 | \$648.63 | 2.2% |
| | | | | | | |
| GS-2 Primary | 200,000 | 1,000 | \$25,524.71 | \$25,923.86 | \$399.15 | 1.6% |
| | 300,000 | 1,000 | \$34,904.90 | \$35,503.63 | \$598.73 | 1.7% |
| GS-3 Primary | 360,000 | 1,000 | \$40,131.20 | \$40,849.67 | \$718.47 | 1.8% |
| | 400,000 | 1,000 | \$42,650.85 | \$43,449.16 | \$798.31 | 1.9% |
| | 650,000 | 1,000 | \$58,398.70 | \$59,695.94 | \$1,297.24 | 2.2% |
| GS-2 Subtransmission | | | | | | |
| | 1,500,000 | 5,000 | \$143,292.36 | \$146,286.01 | \$2,993.65 | 2.1% |
| GS-3 Subtransmission | 2,500,000 | 5,000 | \$206,998.71 | \$211,988.12 | \$4,989.41 | 2.4% |
| | 3,250,000 | 5,000 | \$249,691.28 | \$256,177.51 | \$6,486.23 | 2.6% |
| GS-4 Subtransmission | 3,000,000 | 10,000 | \$284,014.21 | \$286,285.75 | \$2,271.54 | 0.8% |
| | 5,000,000 | 10,000 | \$387,630.21 | \$391,416.12 | \$3,785.91 | 1.0% |
| | 6,500,000 | 10,000 | \$465,342.21 | \$470,263.89 | \$4,921.68 | 1.1% |
| | 10,000,000 | 20,000 | \$769,970.21 | \$777,542.02 | \$7,571.81 | 1.0% |
| | 13,000,000 | 20,000 | \$925,394.21 | \$935,237.56 | \$9,843.35 | 1.1% |
| GS-4 Transmission | 25,000,000 | 50,000 | \$1,906,892.71 | \$1,925,822.24 | \$18,929.53 | 1.0% |
| | 32,500,000 | 50,000 | \$2,295,123.46 | \$2,319,731.85 | \$24,608.39 | 1.1% |

* Typical bills assume 100% Power Factor

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in

Case No(s). 13-1201-EL-RDR

Summary: Application -to Update the Energy Efficiency and Peak Demand Reduction Rider
electronically filed by Mr. Steven T Nourse on behalf of Ohio Power Company