

**BEFORE THE
PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of)	
Ohio Power Company to Adjust)	Case No. 14-193-EL-RDR
The Economic Development Cost)	
Recovery Rider Rate)	

APPLICATION

1. Ohio Power Company (“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 proceeding (Case Nos. 11-346-EL-SSO and 11-348-EL-SSO), the Commission authorized an Economic Development Cost Recovery Rider (EDR). The EDR is a rate that is determined by multiplying a percentage by the customers’ distribution charges. The EDR is to be adjusted periodically to recover economic development amounts authorized by the Commission.
3. By this application the Company proposes to update its EDR rate approved in AEP Ohio’s most recent EDR update case (Case No. 13-1739-EL-RDR) based on unrecovered costs resulting from the delta revenues (plus associated carrying costs) under the reasonable arrangements (contracts) with Ormet Primary Aluminum Corp. (Ormet), Case No. 09-119-EL-AEC; with Eramet Marietta, Inc. (Eramet), Case No. 09-516-EL-AEC; with Globe Metallurgical, Inc. (Globe), Case No. 13-1170-EL-AEC, and with The Timken Company (Timken), Case No. 10-3066-EL-AEC.

4. The detailed calculations and supporting data are reflected in the Schedules attached to the application. Schedule 1 is a summary sheet showing each component of the proposed EDR rates and is supported by calculations found in the remaining schedules. Schedule 2 shows the carrying charge calculations. Schedules 3, 4, 5, and 6 show the specific delta revenue calculations for the Ormet, Eramet, Globe, and Timken contracts, respectively. Schedules 7 and 8 show the typical bill impacts of the change in the EDR rate for Columbus Southern Power and Ohio Power rate zones, respectively. Some of the information is redacted and a separate motion for a protective order is being filed.
5. Schedules 1, 2.1, 3.1, 7, and 8 reflect the amounts attributable to Ormet that the Company is seeking to recover through the EDR pursuant to the Stipulation filed in Case No. 13-2206-EL-CSS, which resolves billing disputes and bankruptcy-related matters in connection with the Ormet unique arrangement. Should the Commission decide to modify or reject the Stipulation or to approve the EDR rate before ruling on the Stipulation, the Company has included Schedules 1A, 2.1A, 3.1A, 7A, and 8A, which reflect only the Ormet deferrals previously authorized by the Commission for recovery through the EDR. As demonstrated upon review of the Schedules attached to the Application, recovery of the delta revenue associated with the 13-2206 Stipulation is comparable to the current level of delta revenue

associated with the Ormet unique arrangement and does not cause the EDR to significantly increase.

6. Based on the estimated cost under-recoveries as evidenced by the projected 2014 delta revenues, as well as on the actual and projected delta revenues associated with the Eramet, Globe, and Timken contracts, the Company proposes that the EDR rate, to be applied to customers' distribution charges, should be set at 13.33676%, effective with the first billing cycle of April 2014.¹ (See Schedule 1). The EDR rate prior to the first billing cycle of April 2014 will remain at 10.00620%.
7. The Company continues to utilize the levelized rate approach approved by the Commission in the prior EDR cases, including the accrual of a carrying cost at the weighted average cost of long-term debt on the under-recovery caused by the levelized EDR rate. In addition, if during any EDR rate period the Company determines either that the EDR collections are or will be substantially different than anticipated or the unrecovered costs based on delta revenues are or will be substantially different than anticipated (both of which typically would be related to significant changes to customers' load), it will file an application to modify its EDR rate for the remainder of that period in order to avoid unduly substantial over-and under-recovery deferrals. The Company will also continue its over/under accounting to track the delta revenues and the EDR collections in order to reconcile any difference through subsequent EDR rate adjustments.

¹ To be clear, all of the percentages discussed herein apply to only the distribution portion of the bill, not the entire bill.

8. The Company proposes to modify the treatment of carrying costs. Currently, the EDR revenue collected each month is applied entirely to the EDR regulatory asset. The carrying charge balance continues to grow because the rider collections are never applied to the carrying charge balances. Upon approval, the Company proposes to collect the cumulative carrying charge balance each month. The revenue remaining after paying the carrying costs will be applied to the regulatory asset. The Company maintains that this proposed approach is more appropriate.
9. Consistent with OAC 4901:1-38-08 and the Commission's decision in the prior EDR cases, the Company intends to continue making semiannual adjustments to its EDR rate, to be effective with the first billing cycle of April and of October in each year. The Company believes that its proposed EDR rate is just and reasonable and, therefore, no hearing is needed. A hearing would result in needless delay in beginning the recovery of the delta revenues and associated carrying costs identified above, thereby resulting in increased carrying costs to the Company's customers.
10. The Company requests that at the conclusion of the 20-day comment period prescribed by OAC 4901:1-38-08(C), the Commission approve this application for implementation by the start of the first billing cycle of April 2013. If the Commission is unable to conclude this proceeding in time for the EDR rates to be effective with the first billing cycle of April 2014, the Company requests interim authorization to begin collection based on the proposed EDR rate at the start of the first billing cycle of April 2014, with the

understanding that the EDR recovery would be trued-up to the Commission's final order in this matter. Permitting such interim collection will avoid the impact of collecting the unrecovered costs over a shorter period of time.

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

Respectfully submitted,

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Counsel for Ohio Power Company

Ohio Power Company
February 2014 Economic Development Cost Recovery Rider True-Up

	<u>Description</u>	<u>Source</u>
1	Delta Revenue July - December 2013 Estimate	\$ 22,478,628 Case No. 13-1739-EL-RDR Schedule No. 2 Lines 1 through 4
2	Delta Revenue July- December 2013 Actual	\$ 24,188,768 Schedule No. 2 Lines 1 through 4
3	Total Delta Revenue per Actuals	\$ 1,710,140 Line 1 minus Line 2
4	Estimated Delta January - December 2014	\$ 75,951,690 Schedule No. 2.1 Lines 1 through 4
5	Total Delta Revenue	\$ - 77,661,830 Line 3 plus Line 4
6	Estimated Carrying Costs July - December 2013	\$ 127,182 Case No. 13-1739-EL-RDR Schedule No. 2 Line 10
7	Actual Carrying Costs July-December 2013	\$ 152,520 Schedule No. 2 Line 10
8	Estimated Carrying Costs January - December 2014	\$ 6,215,324 Schedule No. 2.1 Line 10
9	Total Carrying Costs	\$ 6,240,663 Line 7 plus Line 8 minus Line 6
10	Total (Over) / Under Collection as of December 2013	\$ 751,258 Schedule No. 2 Line 8 plus Line 11
11	Total Revenue Requirement	\$ 84,653,751 Line 5 plus Line 9 plus Line 10
12	Annual Base Distribution Revenue	\$ 634,739,822 Actual 2013 Base Distribution Revenue
13	Economic Development Cost Recovery Rider	13.33676% Line 11 Divided by Line 12
14	Current Economic Development Cost Recovery Rider	10.00620% Per Ohio Power Company Tariff Economic Development Rider
15	Change	3.33056% Line 13 minus Line 14

Ohio Power Company
February 2014 Economic Development Cost Recovery Rider True-Up

	<u>Description</u>		<u>Source</u>
1	Delta Revenue July - December 2013 Estimate	\$ 22,478,628	Case No. 13-1739-EL-RDR Schedule No. 2 Lines 1 through 4
2	Delta Revenue July- December 2013 Actual	\$ 24,188,768	Schedule No. 2 Lines 1 through 4
3	Total Delta Revenue per Actuals	\$ 1,710,140	Line 1 minus Line 2
4	Estimated Delta January - December 2014	\$ 65,468,533	Schedule No. 2.1 Lines 1 through 4
5	Total Delta Revenue	\$ 67,178,674	Line 3 plus Line 4
6	Estimated Carrying Costs July - December 2013	\$ 127,182	Case No. 13-1739-EL-RDR Schedule No. 2 Line 10
7	Actual Carrying Costs July-December 2013	\$ 152,520	Schedule No. 2 Line 10
8	Estimated Carrying Costs January - December 2014	\$ 6,215,324	Schedule No. 2.1 Line 10
9	Total Carrying Costs	\$ 6,240,663	Line 7 plus Line 8 minus Line 6
10	Total (Over) / Under Collection as of December 2013	\$ 751,258	Schedule No. 2 Line 8 plus Line 11
11	Total Revenue Requirement	\$ 74,170,594	Line 5 plus Line 9 plus Line 10
12	Annual Base Distribution Revenue	\$ 634,739,822	Actual 2013 Base Distribution Revenue
13	Economic Development Cost Recovery Rider	11.68520%	Line 11 Divided by Line 12
14	Current Economic Development Cost Recovery Rider	10.09620%	Per Ohio Power Company Tariff Economic Development Rider
15	Change	1.67900%	Line 13 minus Line 14

Ohlo Power Company
 February 2014 Economic Development Cost Recovery Rider True-Up
 Calculation of Cumulative Carrying Costs

	Actual											
	2013											
	2012	Jul	Aug	Sep	Oct	Nov	Dec					
1 Eramet Delta Revenue												
2 Ormet Delta Revenue		\$5,500,000	\$5,500,000	\$0	\$0	\$0	\$0					
3 Globe Delta Revenue												
4 Timken Delta Revenue												
5 Total Delta Revenue												
6 Less: Rider Collections of EDR Revenues		\$ 6,526,649	\$ 6,286,025	\$ 6,239,209	\$ 4,817,605	\$ 4,720,210	\$ 5,341,775					
7 Net (Over)/ Under Collection												
8 Cumulative Net (Over)/ Under Collection												
9 Monthly Carrying Charge Rate (WAC of LTD)		0.4450%	0.4450%	0.4450%	0.4450%	0.4450%	0.4450%					0.4450%
10 Monthly Carrying Charge												
11 Carrying Charge Balance												

- Line 1 Actual Eramet Delta Revenue
- Line 2 Actual Ormet Delta Revenue
- Line 3 Actual Globe Delta Revenue
- Line 4 Actual Timken Delta Revenue
- Line 5 Sum of Lines 1 through 4
- Line 6 Actual Economic Development Rider Collections
- Line 7 Line 5 minus Line 6
- Line 8 Line 7 plus Line 8 (previous month)
- Line 9 Combined Weighted Average Cost of Long Term Debt per Stipulation and Recommendation in Case Nos. 11-351-EL-AIR and 11-352-EL-AIR (Page 9 - 5.34%/)
- Line 10 Line 8 (prior month) times Line 9
- Line 11 Line 10 plus Line 11 (previous month)

Ohio Power Company
 February 2014 Economic Development Cost Recovery Rider True-Up
 Calculation of Cumulative Carrying Costs

	Estimated 2014												
	2013	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1 Eramet Delta Revenue													
2 Globe Delta Revenue													
3 Timken Delta Revenue													
4 Ormet Delta Revenue		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5 Total Delta Revenue	47,483,157												
6 Less: Rider Collections of EDR Revenues		5,557,114	5,384,713	5,135,559	6,738,305	6,191,647	7,085,288	8,038,080	7,740,682	7,661,549	6,391,818	6,265,546	7,091,081
7 Net (Over)/ Under Collection													
8 Cumulative Net (Over)/ Under Collection													
9 Monthly Carrying Charge Rate (WAC of LTD)		0.4450%	0.4450%	0.4450%	0.4450%	0.4450%	0.4450%	0.4450%	0.4450%	0.4450%	0.4450%	0.4450%	0.4450%
10 Monthly Carrying Charge													
11 Carrying Charge Balance													

Line 1 Estimated Eramet Delta Revenue
 Line 2 Estimated Globe Delta Revenue
 Line 3 Estimated Timken Delta Revenue
 Line 4 Ormet Deferrals and Unpaid Bills
 Line 5 Sum of Lines 1 through 4
 Line 6 Estimated Economic Development Rider Collections
 Line 7 Line 5 minus Line 6 plus previous month Line 11
 Line 8 Line 7 plus Line 8 (previous month)
 Line 9 Combined Weighted Average Cost of Long Term Debt per Stipulation and Recommendation in Case Nos. 11-351-EL-AIR and 11-352-EL-AIR (Page 9 - 5.34%/12)
 Line 10 Line 8 (prior month) times Line 9
 Line 11 Line 10 plus Line 11 (previous month)

Ormet
Summary of Delta Revenue
2013

Description	6 Months Actual					
	Jul	Aug	Sep	Oct	Nov	Dec
2013 Tariff Bill						
1 CSP Rate Zone	6,501,415.51	4,292,266.64	3,472,208.04	1,416,295.86	57,208.34	69,996.31
2013 Ormet Discount Bill						
2 CSP	3,751,415.51	1,542,266.64	3,472,208.04	1,416,295.86	57,208.34	69,996.31
Ormet Delta Revenue						
3 CSP Rate Zone	\$2,750,000	\$2,750,000	\$0	\$0	\$0	\$0
2013 Tariff Bill						
4 Ohio Power Rate Zone	7,117,246.66	4,979,507.07	3,871,751.98	1,870,275.99	58,217.61	71,024.32
2013 Ormet Discount Bill						
5 Ohio Power	4,367,246.66	2,229,507.07	3,871,751.98	1,870,275.99	58,217.61	71,024.32
Ormet Delta Revenue						
6 Ohio Power Rate Zone	\$2,750,000	\$2,750,000	\$0	\$0	\$0	\$0
Cumulative Ormet Delta Revenue not to exceed \$44 million	\$38,500,000	\$44,000,000	\$44,000,000	\$44,000,000	\$44,000,000	\$44,000,000

Line 1 Actual Ormet bills
 Line 2 Line 1 minus Line 3
 Line 3 Maximum Ormet discount per Commission Order
 Line 4 Actual Ormet bills
 Line 5 Line 4 minus Line 6
 Line 6 Maximum Ormet discount per Commission Order
 Line 7 Cumulative Ormet Delta Revenue

Ormet Deferrals and Unpaid Bills

<u>Line</u>	<u>Source</u>	<u>Value</u>
1	2010 and 2011 deferrals	\$ 12,000,000.00 /1
2	2010 and 2011 carrying charges	\$ 1,853,580.00 /1
3	Oct. and Nov. 2012 deferrals	\$ 20,000,000.00 /2
4	Jul. 2013 usage deferral	\$ 5,000,000.00
5	Sep. 2013 usage unpaid bill	\$ 1,843,960.04
6	Sep. 2013 usage deferral	\$ 5,500,000.00
7	Oct. 2013 usage unpaid bill	\$ 3,139,196.51
8	<u>Total</u>	<u>\$ 49,336,736.55</u>

1) These amounts include the 2010 and 2011 delta revenues above the \$54 million annual cap plus carrying charges based on the long term cost of debt.

2) Per the October 17, 2012 Entry in Case No. 09-119-EL-AEC, the Commission granted Ormet's request for payment deferral under the unique arrangement for October and November 2012 billings (\$27,239,473) in order to resolve an immediate cash flow problem experienced by Ormet but provided that only \$20 million of the payment deferral could be recovered from ratepayers if Ormet failed to timely pay any amounts under the deferred payment schedule.

Ormet Deferrals

<u>Line</u>	<u>Source</u>	<u>Value</u>
1	2010 and 2011 deferrals	\$ 12,000,000.00 / 1
2	2010 and 2011 carrying charges	\$ 1,853,580.00 /1
3	Oct. and Nov. 2012 deferrals	\$ 20,000,000.00 /2
4	Jul. 2013 usage deferral	\$ 5,000,000.00
5	Total	\$ 38,853,580.00

1) These amounts include the 2010 and 2011 delta revenues above the \$54 million annual cap plus carrying charges based on the long term cost of debt.

2) Per the October 17, 2012 Entry in Case No. 09-119-EL-AEC, the Commission granted Ormet's request for payment deferral under the unique arrangement for October and November 2012 billings (\$27,239,473) in order to resolve an immediate cash flow problem experienced by Ormet but provided that only \$20 million of the payment deferral could be recovered from ratepayers if Ormet failed to timely pay any amounts under the deferred payment schedule.

**Eramet
Summary of Delta Revenue
2013
6 Months Actual**

	Jul	Aug	Sep	Oct	Nov	Dec
Energy						
1						
2						
3						
Total kWh						
<u>GS4 SSO Revenue</u>						
4						
5						
<u>Eramet Ordered Revenue</u>						
6						
7						
8						
Total Bill						
Delta Revenue						
9						

- Line 1 Energy
- Line 2 Energy
- Line 3 Actual Eramet billed energy
- Line 4 Eramet SSO bill total
- Line 5
- Line 6 Ordered 2012 discount
- Line 7
- Line 8
- Line 9 Line 4 minus Line 8

Ohio Power Company
 Estimated Eramet Economic Development Revenue for 2014

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1 kWh												
2 kWh												
3 Total kWh												
4 CSP GS4 SSO Revenue												
5												
6 Discount												
7 SSO revenue												
8 Eramet bill total												
9 Delta Revenue												
10 Cumulative Delta Revenue												

Line 1 Estimate Eramet usage
 Line 2 Estimate Eramet usage
 Line 3 Line 1 plus Line 2
 Line 4 Estimate Eramet bill
 Line 5
 Line 6 Estimate Eramet bill
 Line 7 Estimate Eramet bill
 Line 8
 Line 9 Line 4 minus Line 8
 Line 10 Line 9 plus previous month Line 10

Globe
Summary of Delta Revenue
2013

	July	August	September	October	November	December
1	Globe Monthly Usage					
2	Globe SSO Monthly Bill Total Bill subject to Discount					
3	Globe Discount Monthly Bill					
4	Delta Revenue Total Delta Revenue					
5	Cumulative Total					

Line 1 Actual Globe usage
 Line 2 Actual Globe
 Line 3 Ordered discount
 Line 4 Line 2 minus Line 3
 Line 5 Line 4 plus Line 5 (previous month)

Ohio Power Company
Estimated Globe Economic Development Delta Revenue for 2014

	2014											
	January	February	March	April	May	June	July	August	September	October	November	December
1	Globe Monthly Usage (kWh)											
2	Globe SSO Monthly Bill											
3	Total Bill subject to Discount											
4	Globe Discount Monthly Bill											
5	Delta Revenue											
6	Total Delta Revenue											
7	Cumulative Total											

Line 1 Estimate Globe usage
 Line 2 Estimate Globe bill at tariff rate
 Line 3 [Redacted]
 Line 4 Line 2 minus Line 3
 Line 5 Line 4 plus previous month Line 5

Timken
Summary of Delta Revenue
2013

	July	August	September	October	November	December
Timken SSO Monthly Bill						
1	██████████	██████████	██████████	██████████	██████████	██████████
2	██████████	██████████	██████████	██████████	██████████	██████████
3						
	Total					
Timken Discount Monthly Bill						
4	██████████	██████████	██████████	██████████	██████████	██████████
5	██████████	██████████	██████████	██████████	██████████	██████████
6						
	Total					
Delta Revenue						
7	██████████	██████████	██████████	██████████	██████████	██████████
8	██████████	██████████	██████████	██████████	██████████	██████████
9						
	Total					
10	Cumulative Total ██████████					

- Line 1 ██████████
- Line 2 ██████████
- Line 3 Line 1 plus Line 2 ██████████
- Line 4 Ordered discount ██████████
- Line 5 Ordered discount ██████████
- Line 6 Line 4 plus Line 5 ██████████
- Line 7 ██████████
- Line 8 ██████████
- Line 9 Line 7 plus Line 8 ██████████
- Line 10 Line 9 plus Line 10 (previous month) ██████████

Ohio Power Company
Typical Bill Comparison
2014 EDR Application filed February 3, 2014
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		\$19.95	\$20.19	\$0.24	1.2%
	250		\$40.50	\$40.88	\$0.38	0.9%
	500		\$74.82	\$75.43	\$0.61	0.8%
RR Annual	750		\$116.99	\$117.88	\$0.89	0.8%
	1,000		\$145.58	\$146.62	\$1.04	0.7%
	1,500		\$198.63	\$199.89	\$1.27	0.6%
	2,000		\$251.66	\$253.16	\$1.50	0.6%
GS-1	375	3	\$69.23	\$69.63	\$0.40	0.6%
	1,000	3	\$168.95	\$169.65	\$0.70	0.4%
	750	6	\$129.08	\$129.66	\$0.58	0.5%
	2,000	6	\$294.64	\$295.84	\$1.20	0.4%
GS-2 Secondary	1,500	12	\$274.37	\$276.28	\$1.91	0.7%
	4,000	12	\$553.60	\$555.51	\$1.91	0.4%
	6,000	30	\$916.71	\$921.04	\$4.33	0.5%
	10,000	30	\$1,363.11	\$1,367.44	\$4.33	0.3%
	10,000	40	\$1,440.86	\$1,446.53	\$5.67	0.4%
	14,000	40	\$1,887.27	\$1,892.94	\$5.67	0.3%
	12,500	50	\$1,797.62	\$1,804.64	\$7.02	0.4%
	18,000	50	\$2,409.74	\$2,416.76	\$7.02	0.3%
	15,000	75	\$2,270.96	\$2,281.34	\$10.38	0.5%
	30,000	150	\$4,519.58	\$4,540.03	\$20.45	0.5%
	60,000	300	\$9,016.88	\$9,057.48	\$40.60	0.5%
	100,000	500	\$15,013.26	\$15,080.72	\$67.46	0.5%
	GS-2 Primary	100,000	1,000	\$17,541.85	\$17,651.71	\$109.86
GS-3 Secondary	30,000	75	\$3,408.93	\$3,419.31	\$10.38	0.3%
	50,000	75	\$4,668.18	\$4,678.56	\$10.38	0.2%
	30,000	100	\$3,908.18	\$3,921.91	\$13.73	0.4%
	36,000	100	\$4,285.95	\$4,299.68	\$13.73	0.3%
	60,000	150	\$6,795.55	\$6,816.00	\$20.45	0.3%

Ohio Power Company
Typical Bill Comparison
2014 EDR Application filed February 3, 2014
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>
	100,000	150	\$9,314.01	\$9,334.46	\$20.45	0.2%
	90,000	300	\$11,679.97	\$11,720.57	\$40.60	0.4%
	120,000	300	\$13,568.82	\$13,609.42	\$40.60	0.3%
	150,000	300	\$15,457.66	\$15,498.26	\$40.60	0.3%
	200,000	300	\$18,605.72	\$18,646.32	\$40.60	0.2%
	150,000	500	\$19,451.74	\$19,519.20	\$67.46	0.4%
	180,000	500	\$21,340.56	\$21,408.02	\$67.46	0.3%
	200,000	500	\$22,599.81	\$22,667.27	\$67.46	0.3%
	325,000	500	\$30,469.99	\$30,537.45	\$67.46	0.2%
GS-3						
Primary						
	300,000	1,000	\$36,885.28	\$36,995.14	\$109.86	0.3%
	360,000	1,000	\$40,565.67	\$40,675.53	\$109.86	0.3%
	400,000	1,000	\$43,019.26	\$43,129.12	\$109.86	0.3%
	650,000	1,000	\$58,354.23	\$58,464.09	\$109.86	0.2%
GS-4						
	1,500,000	5,000	\$143,843.13	\$143,878.43	\$35.30	0.0%
	2,500,000	5,000	\$197,520.83	\$197,556.13	\$35.30	0.0%
	3,250,000	5,000	\$237,779.12	\$237,814.42	\$35.30	0.0%
	3,000,000	10,000	\$263,544.68	\$263,579.98	\$35.30	0.0%
	5,000,000	10,000	\$370,900.08	\$370,935.38	\$35.30	0.0%
	6,500,000	10,000	\$451,416.63	\$451,451.93	\$35.30	0.0%
	6,000,000	20,000	\$502,947.78	\$502,983.08	\$35.30	0.0%
	10,000,000	20,000	\$717,658.58	\$717,693.88	\$35.30	0.0%
	13,000,000	20,000	\$878,691.68	\$878,726.98	\$35.30	0.0%
	15,000,000	50,000	\$1,221,157.08	\$1,221,192.38	\$35.30	0.0%
	25,000,000	50,000	\$1,757,934.08	\$1,757,969.38	\$35.30	0.0%
	32,500,000	50,000	\$2,160,516.83	\$2,160,552.13	\$35.30	0.0%

* Typical bills assume 100% Power Factor

Ohio Power Company
Typical Bill Comparison
2014 EDR Application filed February 3, 2014
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>
					\$	
<u>Residential</u>						
RR1 Annual	100		\$19.95	\$20.07	\$0.12	0.6%
	250		\$40.50	\$40.69	\$0.19	0.5%
	500		\$74.82	\$75.13	\$0.31	0.4%
RR Annual	750		\$116.99	\$117.44	\$0.45	0.4%
	1,000		\$145.58	\$146.11	\$0.53	0.4%
	1,500		\$198.63	\$199.27	\$0.64	0.3%
	2,000		\$251.66	\$252.42	\$0.75	0.3%
<u>GS-1</u>						
	375	3	\$69.23	\$69.43	\$0.20	0.3%
	1,000	3	\$168.95	\$169.30	\$0.35	0.2%
	750	6	\$129.08	\$129.37	\$0.29	0.2%
	2,000	6	\$294.64	\$295.25	\$0.61	0.2%
<u>GS-2</u>						
Secondary	1,500	12	\$274.37	\$275.33	\$0.96	0.4%
	4,000	12	\$553.60	\$554.56	\$0.96	0.2%
	6,000	30	\$916.71	\$918.89	\$2.18	0.2%
	10,000	30	\$1,363.11	\$1,365.29	\$2.18	0.2%
	10,000	40	\$1,440.86	\$1,443.72	\$2.86	0.2%
	14,000	40	\$1,887.27	\$1,890.13	\$2.86	0.2%
	12,500	50	\$1,797.62	\$1,801.16	\$3.54	0.2%
	18,000	50	\$2,409.74	\$2,413.28	\$3.54	0.2%
	15,000	75	\$2,270.96	\$2,276.19	\$5.23	0.2%
	30,000	150	\$4,519.58	\$4,529.89	\$10.31	0.2%
	60,000	300	\$9,016.88	\$9,037.35	\$20.47	0.2%
	100,000	500	\$15,013.26	\$15,047.27	\$34.01	0.2%
<u>GS-2</u>						
Primary	100,000	1,000	\$17,541.85	\$17,597.23	\$55.38	0.3%
<u>GS-3</u>						
Secondary	30,000	75	\$3,408.93	\$3,414.16	\$5.23	0.2%
	50,000	75	\$4,668.18	\$4,673.41	\$5.23	0.1%
	30,000	100	\$3,908.18	\$3,915.10	\$6.92	0.2%
	36,000	100	\$4,285.95	\$4,292.87	\$6.92	0.2%
	60,000	150	\$6,795.55	\$6,805.86	\$10.31	0.2%

Ohio Power Company
Typical Bill Comparison
2014 EDR Application filed February 3, 2014
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>
	100,000	150	\$9,314.01	\$9,324.32	\$10.31	0.1%
	90,000	300	\$11,679.97	\$11,700.44	\$20.47	0.2%
	120,000	300	\$13,568.82	\$13,589.29	\$20.47	0.2%
	150,000	300	\$15,457.66	\$15,478.13	\$20.47	0.1%
	200,000	300	\$18,605.72	\$18,626.19	\$20.47	0.1%
	150,000	500	\$19,451.74	\$19,485.75	\$34.01	0.2%
	180,000	500	\$21,340.56	\$21,374.57	\$34.01	0.2%
	200,000	500	\$22,599.81	\$22,633.82	\$34.01	0.2%
	325,000	500	\$30,469.99	\$30,504.00	\$34.01	0.1%
GS-3						
Primary						
	300,000	1,000	\$36,885.28	\$36,940.66	\$55.38	0.2%
	360,000	1,000	\$40,565.67	\$40,621.05	\$55.38	0.1%
	400,000	1,000	\$43,019.26	\$43,074.64	\$55.38	0.1%
	650,000	1,000	\$58,354.23	\$58,409.61	\$55.38	0.1%
GS-4						
	1,500,000	5,000	\$143,843.13	\$143,860.92	\$17.79	0.0%
	2,500,000	5,000	\$197,520.83	\$197,538.62	\$17.79	0.0%
	3,250,000	5,000	\$237,779.12	\$237,796.91	\$17.79	0.0%
	3,000,000	10,000	\$263,544.68	\$263,562.47	\$17.79	0.0%
	5,000,000	10,000	\$370,900.08	\$370,917.87	\$17.79	0.0%
	6,500,000	10,000	\$451,416.63	\$451,434.42	\$17.79	0.0%
	6,000,000	20,000	\$502,947.78	\$502,965.57	\$17.79	0.0%
	10,000,000	20,000	\$717,658.58	\$717,676.37	\$17.79	0.0%
	13,000,000	20,000	\$878,691.68	\$878,709.47	\$17.79	0.0%
	15,000,000	50,000	\$1,221,157.08	\$1,221,174.87	\$17.79	0.0%
	25,000,000	50,000	\$1,757,934.08	\$1,757,951.87	\$17.79	0.0%
	32,500,000	50,000	\$2,160,516.83	\$2,160,534.62	\$17.79	0.0%

* Typical bills assume 100% Power Factor

Ohio Power Company
2014 EDR Application filed February 3, 2014
Ohio 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	100		\$18.91	\$19.11	\$0.20	1.1%
	250		\$39.29	\$39.61	\$0.32	0.8%
	500		\$73.37	\$73.89	\$0.52	0.7%
	750		\$107.39	\$108.11	\$0.72	0.7%
	1,000		\$138.73	\$139.60	\$0.87	0.6%
	1,500		\$200.09	\$201.24	\$1.15	0.6%
	2,000		\$261.43	\$262.87	\$1.44	0.6%
GS-1 Secondary	375	3	\$60.54	\$61.02	\$0.48	0.8%
	1,000	3	\$130.26	\$130.79	\$0.53	0.4%
	750	6	\$102.38	\$102.89	\$0.51	0.5%
	2,000	6	\$241.82	\$242.44	\$0.62	0.3%
GS-2 Secondary	1,500	12	\$270.13	\$272.55	\$2.42	0.9%
	4,000	12	\$506.93	\$509.35	\$2.42	0.5%
	6,000	30	\$839.29	\$844.20	\$4.91	0.6%
	10,000	30	\$1,217.83	\$1,222.74	\$4.91	0.4%
	10,000	40	\$1,297.33	\$1,303.63	\$6.30	0.5%
	14,000	40	\$1,675.86	\$1,682.16	\$6.30	0.4%
	12,500	50	\$1,613.43	\$1,621.12	\$7.69	0.5%
	18,000	50	\$2,132.21	\$2,139.90	\$7.69	0.4%
	15,000	75	\$2,048.74	\$2,059.89	\$11.15	0.5%
	30,000	100	\$3,658.58	\$3,673.19	\$14.61	0.4%
	36,000	100	\$4,223.03	\$4,237.64	\$14.61	0.4%
	30,000	150	\$4,056.07	\$4,077.61	\$21.54	0.5%
	60,000	300	\$8,070.75	\$8,113.07	\$42.32	0.5%
	90,000	300	\$10,892.93	\$10,935.25	\$42.32	0.4%
	100,000	500	\$13,423.63	\$13,493.66	\$70.03	0.5%
150,000	500	\$18,127.30	\$18,197.33	\$70.03	0.4%	
180,000	500	\$20,949.45	\$21,019.48	\$70.03	0.3%	

Ohio Power Company
2014 EDR Application filed February 3, 2014
Ohio Power Rate Zone

<u>Tariff</u>	<u>kWh</u>	<u>KW</u>	<u>Current</u>	<u>Proposed</u>	<u>Difference</u>	<u>Difference</u>
					\$	
GS-3	18,000	50	\$2,128.85	\$2,136.54	\$7.69	0.4%
Secondary	30,000	75	\$3,360.73	\$3,371.88	\$11.15	0.3%
	50,000	75	\$4,615.13	\$4,626.28	\$11.15	0.2%
	36,000	100	\$4,216.30	\$4,230.91	\$14.61	0.4%
	30,000	150	\$4,798.47	\$4,820.01	\$21.54	0.5%
	60,000	150	\$6,680.06	\$6,701.60	\$21.54	0.3%
	100,000	150	\$9,188.83	\$9,210.37	\$21.54	0.2%
	120,000	300	\$13,318.71	\$13,361.03	\$42.32	0.3%
	150,000	300	\$15,200.30	\$15,242.62	\$42.32	0.3%
	200,000	300	\$18,336.26	\$18,378.58	\$42.32	0.2%
	180,000	500	\$20,915.84	\$20,985.87	\$70.03	0.3%
	200,000	500	\$22,170.24	\$22,240.27	\$70.03	0.3%
	325,000	500	\$30,010.18	\$30,080.21	\$70.03	0.2%
GS-2	200,000	1,000	\$25,871.67	\$26,000.07	\$128.40	0.5%
Primary	300,000	1,000	\$35,074.26	\$35,202.66	\$128.40	0.4%
GS-3	360,000	1,000	\$40,536.18	\$40,664.58	\$128.40	0.3%
Primary	400,000	1,000	\$43,006.13	\$43,134.53	\$128.40	0.3%
	650,000	1,000	\$58,443.42	\$58,571.82	\$128.40	0.2%
GS-2						
Subtransmission	1,500,000	5,000	\$143,570.78	\$143,587.83	\$17.05	0.0%
GS-3	2,500,000	5,000	\$207,601.43	\$207,618.48	\$17.05	0.0%
Subtransmission	3,250,000	5,000	\$249,389.94	\$249,406.99	\$17.05	0.0%
GS-4	3,000,000	10,000	\$294,567.93	\$294,584.98	\$17.05	0.0%
Subtransmission	5,000,000	10,000	\$398,008.93	\$398,025.98	\$17.05	0.0%
	6,500,000	10,000	\$475,589.68	\$475,606.73	\$17.05	0.0%
	10,000,000	20,000	\$790,711.43	\$790,728.48	\$17.05	0.0%
	13,000,000	20,000	\$945,872.93	\$945,889.98	\$17.05	0.0%
GS-4	25,000,000	50,000	\$1,958,721.43	\$1,958,738.48	\$17.05	0.0%
Transmission	32,500,000	50,000	\$2,346,295.93	\$2,346,312.98	\$17.05	0.0%

* Typical bills assume 100% Power Factor

Ohio Power Company
2014 EDR Application filed February 3, 2014
Ohio 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	100		\$18.91	\$19.01	\$0.10	0.5%
	250		\$39.29	\$39.45	\$0.16	0.4%
	500		\$73.37	\$73.63	\$0.26	0.4%
	750		\$107.39	\$107.75	\$0.36	0.3%
	1,000		\$138.73	\$139.17	\$0.44	0.3%
	1,500		\$200.09	\$200.67	\$0.58	0.3%
	2,000		\$261.43	\$262.16	\$0.73	0.3%
GS-1 Secondary	375	3	\$60.54	\$60.78	\$0.24	0.4%
	1,000	3	\$130.26	\$130.53	\$0.27	0.2%
	750	6	\$102.38	\$102.63	\$0.25	0.2%
	2,000	6	\$241.82	\$242.13	\$0.31	0.1%
GS-2 Secondary	1,500	12	\$270.13	\$271.35	\$1.22	0.5%
	4,000	12	\$506.93	\$508.15	\$1.22	0.2%
	6,000	30	\$839.29	\$841.77	\$2.48	0.3%
	10,000	30	\$1,217.83	\$1,220.31	\$2.48	0.2%
	10,000	40	\$1,297.33	\$1,300.51	\$3.18	0.3%
	14,000	40	\$1,675.86	\$1,679.04	\$3.18	0.2%
	12,500	50	\$1,613.43	\$1,617.31	\$3.88	0.2%
	18,000	50	\$2,132.21	\$2,136.09	\$3.88	0.2%
	15,000	75	\$2,048.74	\$2,054.36	\$5.62	0.3%
	30,000	100	\$3,658.58	\$3,665.94	\$7.36	0.2%
	36,000	100	\$4,223.03	\$4,230.39	\$7.36	0.2%
	30,000	150	\$4,056.07	\$4,066.93	\$10.86	0.3%
	60,000	300	\$8,070.75	\$8,092.08	\$21.33	0.3%
	90,000	300	\$10,892.93	\$10,914.26	\$21.33	0.2%
	100,000	500	\$13,423.63	\$13,458.94	\$35.31	0.3%
150,000	500	\$18,127.30	\$18,162.61	\$35.31	0.2%	
180,000	500	\$20,949.45	\$20,984.76	\$35.31	0.2%	

Ohio Power Company
2014 EDR Application filed February 3, 2014
Ohio Power Rate Zone

<u>Tariff</u>	<u>kWh</u>	<u>KW</u>	<u>Current</u>	<u>Proposed</u>	<u>Difference</u>	<u>Difference</u>
					\$	
GS-3	18,000	50	\$2,128.85	\$2,132.73	\$3.88	0.2%
Secondary	30,000	75	\$3,360.73	\$3,366.35	\$5.62	0.2%
	50,000	75	\$4,615.13	\$4,620.75	\$5.62	0.1%
	36,000	100	\$4,216.30	\$4,223.66	\$7.36	0.2%
	30,000	150	\$4,798.47	\$4,809.33	\$10.86	0.2%
	60,000	150	\$6,680.06	\$6,690.92	\$10.86	0.2%
	100,000	150	\$9,188.83	\$9,199.69	\$10.86	0.1%
	120,000	300	\$13,318.71	\$13,340.04	\$21.33	0.2%
	150,000	300	\$15,200.30	\$15,221.63	\$21.33	0.1%
	200,000	300	\$18,336.26	\$18,357.59	\$21.33	0.1%
	180,000	500	\$20,915.84	\$20,951.15	\$35.31	0.2%
	200,000	500	\$22,170.24	\$22,205.55	\$35.31	0.2%
	325,000	500	\$30,010.18	\$30,045.49	\$35.31	0.1%
GS-2	200,000	1,000	\$25,871.67	\$25,936.40	\$64.73	0.3%
Primary	300,000	1,000	\$35,074.26	\$35,138.99	\$64.73	0.2%
GS-3	360,000	1,000	\$40,536.18	\$40,600.91	\$64.73	0.2%
Primary	400,000	1,000	\$43,006.13	\$43,070.86	\$64.73	0.2%
	650,000	1,000	\$58,443.42	\$58,508.15	\$64.73	0.1%
GS-2						
Subtransmission	1,500,000	5,000	\$143,570.78	\$143,579.38	\$8.60	0.0%
GS-3	2,500,000	5,000	\$207,601.43	\$207,610.03	\$8.60	0.0%
Subtransmission	3,250,000	5,000	\$249,389.94	\$249,398.54	\$8.60	0.0%
GS-4	3,000,000	10,000	\$294,567.93	\$294,576.53	\$8.60	0.0%
Subtransmission	5,000,000	10,000	\$398,008.93	\$398,017.53	\$8.60	0.0%
	6,500,000	10,000	\$475,589.68	\$475,598.28	\$8.60	0.0%
	10,000,000	20,000	\$790,711.43	\$790,720.03	\$8.60	0.0%
	13,000,000	20,000	\$945,872.93	\$945,881.53	\$8.60	0.0%
GS-4	25,000,000	50,000	\$1,958,721.43	\$1,958,730.03	\$8.60	0.0%
Transmission	32,500,000	50,000	\$2,346,295.93	\$2,346,304.53	\$8.60	0.0%

* Typical bills assume 100% Power Factor

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Case No(s). 14-0193-EL-RDR

Summary: Application of Ohio Power Company (Public Version) electronically filed by Mr. Steven T Nourse on behalf of Ohio Power Company