

**BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of Ohio Power Company and Columbus Southern Power Company for Authority to Merge and Related Approvals.	)	Case No. 10-2376-EL-UNC
)	
In the Matter of the Application of Columbus Southern Power Company and Ohio Power Company for Authority to Establish a Standard Service Offer Pursuant to §4928.143, Ohio Rev. Code, in the Form of an Electric Security Plan.	)	Case No. 11-346-EL-SSO
	)	Case No. 11-348-EL-SSO
)	
In the Matter of the Application of Columbus Southern Power Company and Ohio Power Company for Approval of Certain Accounting Authority	)	Case No. 11-349-EL-AAM
	)	Case No. 11-350-EL-AAM
)	
In the Matter of the Application of Columbus Southern Power Company to Amend its Emergency Curtailment Service Riders	)	Case No. 10-343-EL-ATA
)	
)	
In the Matter of the Application of Ohio Power Company to Amend its Emergency Curtailment Service Riders	)	Case No. 10-344-EL-ATA
)	
)	
In the Matter of the Commission Review of the Capacity Charges of Ohio Power Company and Columbus Southern Power Company.	)	Case No. 10-2929-EL-UNC
)	
)	
In the Matter of the Application of Columbus Southern Power Company for Approval of a Mechanism to Recover Deferred Fuel Costs Ordered Under Ohio Revised Code 4928.144	)	Case No. 11-4920-EL-RDR
)	
)	
In the Matter of the Application of Ohio Power Company for Approval of a Mechanism to Recover Deferred Fuel Costs Ordered Under Ohio Revised Code 4928.144	)	Case No. 11-4921-EL-RDR
)	
)	

**TESTIMONY OF DAVID M. ROUSH
IN SUPPORT OF THE STIPULATION AND RECOMMENDATION
ON BEHALF OF
COLUMBUS SOUTHERN POWER COMPANY
AND
OHIO POWER COMPANY**

Filed: September 13, 2011

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DAVID M. ROUSH

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1 **Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2 A. My name is David M. Roush. My business address is 1 Riverside Plaza,
3 Columbus, Ohio 43215.

4 **Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?**

5 A. I am employed as Director - Regulated Pricing and Analysis for American
6 Electric Power Service Corporation (AEPSC), a wholly owned subsidiary of
7 American Electric Power Company, Inc. (AEP). AEP is the parent company of
8 Columbus Southern Power Company (CSP) and Ohio Power Company (OPCo),
9 referred to collectively as AEP Ohio or the Company.

10 **Q. PLEASE BRIEFLY DESCRIBE YOUR EDUCATIONAL AND**
11 **PROFESSIONAL BACKGROUND?**

12 A. I graduated from The Ohio State University (OSU) in 1989 with a Bachelor of
13 Science degree in mathematics with a computer and information science minor.
14 In 1999, I earned a Master of Business Administration degree from The
15 University of Dayton. I have completed both the EEI Electric Rate Fundamentals
16 and Advanced Courses. In 2003, I completed the AEP/OSU Strategic Leadership
17 Program.

1 In 1989, I joined AEPSC as a Rate Assistant. Since that time I have
2 progressed through various positions and was promoted to my current position of
3 Director – Regulated Pricing and Analysis in June 2010. My responsibilities
4 include the oversight of the preparation of cost-of-service and rate design analyses
5 for the AEP System operating companies, and oversight of the preparation of
6 special contracts and pricing for customers.

7 **Q. HAVE YOU PREVIOUSLY SUBMITTED TESTIMONY IN ANY**
8 **REGULATORY PROCEEDINGS?**

9 A. Yes. I have submitted testimony before the Public Utilities Commission of Ohio
10 (Commission), the Indiana Utility Regulatory Commission, the Michigan Public
11 Service Commission, the Public Service Commission of Kentucky and the Public
12 Service Commission of West Virginia regarding cost-of-service, rate design and
13 other rates and tariff related issues.

14 **PURPOSE OF TESTIMONY**

15 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

16 A. The purpose of my testimony is to discuss certain features of the September 7,
17 2011 Joint Stipulation and Recommendation (Stipulation) that includes numerous
18 provisions that taken as a whole provided an agreement to resolve matters in the
19 above referenced cases. Specifically, I summarize the rate relief provided under
20 the Stipulation, describe the required modifications to the Company's Tariffs and
21 Terms and Conditions of Service, explain the design of the Company's rates and
22 certain riders, and provide the resulting rate impacts on CSP and OPCo
23 customers.

1 **Q. WHAT EXHIBITS ARE YOU SPONSORING?**

2 A. I am sponsoring the following exhibits:

- | | | |
|---|---------------|--|
| 3 | Exhibit DMR-1 | Summary of Stipulated Rate Increase |
| 4 | Exhibit DMR-2 | Calculation of Standard Offer Generation Service |
| 5 | | Rider |
| 6 | Exhibit DMR-3 | Market Transition Rider |
| 7 | Exhibit DMR-4 | Comparison of Proposed and Stipulation Rate |
| 8 | | Mechanisms |
| 9 | Exhibit DMR-5 | Typical Bill Comparison |

10 **STIPULATED RATE RELIEF**

11 **Q. HAVE YOU PREPARED A SUMMARY OF THE AEP OHIO RATE**
12 **INCREASES UNDER THE ELECTRIC SECURITY PLAN**
13 **STIPULATION?**

14 A. Yes. Exhibit DMR-1 summarizes each component of the Stipulation. Exhibit
15 DMR-1 shows the proposed annual change in base generation rates, the
16 implementation of the Phase-In Recovery Rider (excluding any potential savings
17 from securitization), the implementation of the Load Factor Rider, the
18 implementation of the Distribution Investment Recovery Rider (at the maximum
19 allowable level established in the Stipulation), the estimated impact of the
20 Stipulation on the Economic Development Cost Recovery Rider, the elimination
21 of the Environmental Investment Carrying Cost Rider, and the elimination of the
22 Provider of Last Resort (POLR) Charge Rider. Exhibit DMR-1 does not show
23 any estimate of the potential changes in costs recovered through the FAC beyond
24 the forecast costs included in Case No. 11-281-EL-FAC, nor any estimate of
25 future changes in the level of the existing Transmission Cost Recovery Rider

1 (TCRR). Each of these components of the ESP will be discussed later in my
2 testimony.

3 **MODIFICATIONS TO THE TARIFFS, TERMS AND CONDITIONS OF SERVICE**

4 **Q. DOES THE STIPULATION CHANGE AEP OHIO'S TERMS AND**
5 **CONDITIONS OF SERVICE?**

6 A. In general, the Stipulation maintains the current provisions concerning the process
7 by which customers can switch to a Competitive Retail Electric Service (CRES)
8 provider and return from a CRES provider to the standard service offer.
9 Paragraph IV.1.s provides for specific modifications which benefit customers and
10 CRES providers. The modifications include the addition of customer PLC and
11 NSPL information to the Master Customer List, the elimination by the end of
12 2011 of the current 90-day notice requirement that certain customers must provide
13 before enrolling with a CRES provider, the elimination by June 1, 2015 of the
14 current 12-month minimum stay requirement that applies to certain large
15 commercial and industrial customers that return to the standard service offer
16 (SSO), the elimination by June 1, 2015 of the current requirement for residential
17 and small commercial customers that return during the summer to remain on the
18 SSO until April 15th of the following year, and agreement to discuss reducing the
19 \$10 switching fee by January 2012.

20 **Q. DOES THE STIPULATION MODIFY THE RATE THAT CUSTOMERS**
21 **THAT WAIVED THE 2009 TO 2011 POLR CHARGE RIDER WILL PAY,**
22 **SHOULD THEY RETURN TO THE STANDARD SERVICE OFFER?**

1 A. Yes. Paragraph IV.1.e allows such customers to return to SSO rates instead of
2 paying the market price of power. Consistent with this modification, AEP Ohio's
3 application to establish special tariffs for such returning customers in Case No.
4 11-531-EL-ATA will be dismissed upon approval of the Stipulation. Both the
5 elimination of the POLR Charge Rider and this provision of the Stipulation are a
6 benefit to customers.

7 **Q. DOES THE STIPULATION CHANGE THE TCRR?**

8 A. No. The TCRR will continue to operate as it currently does. AEP Ohio submits
9 annual update and reconciliation filings in mid-April of each year as required
10 pursuant to Case No. 08-777-EL-ORD. Pursuant to Paragraph IV.3, the approved
11 TCRR rates for CSP and OPCo will be consolidated for the merged Company
12 effective with the first billing cycle of January 2012.

13 **Q. PLEASE EXPLAIN THE CHANGES TO AEP OHIO'S STANDARD**
14 **SERVICE OFFER TARIFFS.**

15 A. All base generation charges will be removed from the SSO tariffs and relocated to
16 a single Standard Offer Generation Service Rider (GSR). The GSR includes the
17 same rates and charges for CSP and OPCo customers consistent with the merger
18 of the Companies under Paragraph IV.3 of the Stipulation. This Rider will apply
19 to all customers that are not receiving service from CRES providers.

20 **Q. PLEASE EXPLAIN AEP OHIO'S CHANGES TO ITS INTERRUPTIBLE**
21 **SERVICE OFFERINGS.**

22 A. AEP Ohio's existing interruptible service offerings are being restructured to
23 reflect the transition to participation in the PJM Interconnection, LLC. (PJM)

1 Base Residual Auction in the June 2015 to May 2016 delivery year and the
2 transition to the use of a competitive bid process to meet AEP Ohio's SSO
3 obligation.

4 In today's environment, interruptible service is more typically represented
5 as an offset or modifier to firm service rates rather than as a separate and distinct
6 rate. As such, Schedule Interruptible Power – Discretionary (IRP-D) will be
7 restructured as Rider IRP-D. For customers taking service under Schedule IRP-D
8 as of December 2011, a modified Rider IRP-D will be made available to them.
9 No new customers will be permitted to enroll under the terms of the tariff in Rider
10 IRP-D. Pursuant to Paragraph IV.1.b, the credit under Rider IRP-D will be \$8.21
11 per kW per month through May 31, 2016. The additional credit provided by the
12 Stipulation above the Companies originally proposed credit of \$6.57 per kW per
13 month will be included in the Economic Development Cost Recovery Rider.

14 **Q. ARE THERE ANY OTHER ISSUES RELATED TO INTERRUPTIBLE**
15 **SERVICE?**

16 A. Yes. Pursuant to Paragraph IV.4, Rider Emergency Curtailable Service (ECS)
17 and Rider Price Curtailable Service (PCS) will be eliminated, including the
18 proposed changes to Rider ECS pending in Case Nos. 10-343-EL-ATA and 10-
19 344-EL-ATA. These changes are consistent with allowing retail customer
20 participation in PJM demand response programs as provided under Paragraph
21 IV.4.A.

22 Paragraph IV.4.B provides that, consistent with applicable statutes and
23 rules, customers with peak demand response attributes that have cleared in the

1 PJM market that are also receiving an incentive payment through a reasonable
2 arrangement with AEP Ohio shall commit such peak demand response attributes
3 to AEP Ohio at no cost for the duration of the reasonable arrangement.
4 Reasonable arrangements are defined as including, but not limited to, EE/PDR,
5 economic development arrangements, unique arrangements, and other special
6 tariff schedules that offer service discounts from the applicable tariff rates. This
7 provision is not to be interpreted as modifying the express specific terms of any
8 agreement. Requiring such a commitment from customers that have peak demand
9 response attributes does not obligate such customers to do anything other than
10 what they have already committed to PJM to do.

11 Lastly, Paragraph IV.4.C permits AEP Ohio to issue an RFP to meet its
12 peak demand reduction mandates under S.B. 221. Such an RFP may be needed
13 should the combination of peak demand reductions under Rider IRP-D,
14 reasonable arrangement commitments, and energy efficiency programs be
15 insufficient to meet AEP Ohio's S.B. 221 mandated peak demand reduction.

16 **Q. ARE THERE OTHER CHANGES TO AEP OHIO'S TARIFFS?**

17 A. Yes. Pursuant to Paragraph IV.1.k, AEP Ohio is adding a voluntary option for
18 customers that wish to purchase a larger proportion of their electricity from
19 renewable resources than the levels required under S.B. 221. The Green Power
20 Portfolio Rider (GPPR) gives customers the option to purchase 25%, 50%, 75%
21 or 100% of their energy usage from renewable resources. Customers that elect
22 this option would be exempt from the Alternative Energy Rider (AER). All
23 amounts collected under the GPPR would be used to procure and retire RECs

1 solely on behalf of the participants in the GPPR. Pricing for the GPPR will be
2 updated no more frequently than once a year based upon the revenues collected
3 and the cost of the RECs. AEP Ohio will use under/over deferral true-up
4 accounting to ensure that customers pay no more and no less than the actual costs
5 of the RECs purchased and retired.

6 **DESIGN OF THE RATES AND RIDERS**

7 **Q. HOW WERE THE BASE GENERATION RATES TO BE INCLUDED IN**
8 **THE STANDARD OFFER GENERATION SERVICE RIDER DESIGNED?**

9 A. The first step in the design of the proposed base (non-FAC) generation rates was
10 to determine the market-based price relationship for the various types of customer
11 usage. This was accomplished by applying the methodology used by Company
12 witness Thomas to develop the competitive benchmark prices to the specific
13 customer class load shapes. Once this relationship was determined, the proposed
14 total generation rates were designed to produce average generation prices
15 consistent with the Stipulation.

16 The next step in the design of the proposed base generation rates was to
17 deduct the forecast FAC costs included in Case No. 11-281-EL-FAC to arrive at
18 the 2012 base generation rates which correspond to the average base generation
19 prices established in Stipulation Paragraph IV.1.f. The base generation rates for
20 January to December 2013 and January 2014 to May 2015 were calculated by
21 uniformly increasing the 2012 base generation rates to achieve the average base
22 generation prices established in Stipulation Paragraph IV.1.f. These calculations
23 are shown in Exhibit DMR-2.

1 It is important to note that only the relative market price relationships are
2 used in developing the proposed rates. In other words, it is the pricing
3 relationships that are being established in this manner, not the overall level of the
4 price.

5 **Q. WHY ARE THE STIPULATED GENERATION RATES DESIGNED**
6 **BASED UPON MARKET PRICE RELATIONSHIPS?**

7 A. CSP and OPCo's last rate cases were in the early 1990's. Since that time the
8 Company's rates have been unbundled into generation, transmission and
9 distribution components and subsequently adjusted based upon percentage
10 adjustments to the then current unbundled rates. As such, the generation rates
11 reflect an amalgamation of very old cost relationships, including any historical
12 levels of cross-subsidization among tariff classes. In addition, the Stipulation
13 provides for the merger of CSP and OPCo and the post-merger Company is what
14 is reflected in the stipulated ESP rates. Lastly, since the Stipulation will result in
15 SSO rates beginning in June 2015 being based upon a competitive bid process, it
16 is important to begin the transition to such market based pricing during 2012
17 through May 2015.

18 For these reasons, the design of the Stipulated base generation prices
19 rationalizes the rate relationships based upon the manner in which the market
20 would price such loads using the same methodology used by Company witness
21 Thomas to develop the competitive benchmark prices and applying it to the class
22 load shapes.

1 **Q. BASED UPON THE STIPULATED BASE GENERATION RATES, DID**
2 **YOU PREPARE MARKET COMPARABLE GENERATION PRICES FOR**
3 **COMPANY WITNESS THOMAS?**

4 A. Yes. I provided Company witness Thomas with stipulated ESP generation prices
5 that are comparable to market generation prices for the MRO price test. To
6 prepare these values, I added the proposed base generation prices and the forecast
7 FAC costs included in Case No. 11-281-EL-FAC. Finally, I adjusted the ESP
8 generation prices to reflect the fact that certain generation costs included in AEP
9 Ohio's TCRR must be included to be comparable to the market generation prices
10 used by Company witness Thomas.

11 **Q. DOES THE STIPULATION MODIFY ANY EXISTING RIDERS?**

12 A. Yes. Paragraphs IV.1.1 and IV.1.m continue the Fuel Adjustment Clause (FAC)
13 with traditional over/under deferral accounting without any cap, but separates a
14 component of the FAC into an Alternative Energy Rider (AER). The
15 methodology for valuation of RECs for bundled purchases and self-generation for
16 the AER will be determined in the initial FAC proceeding under the ESP.

17 Further Paragraph IV.1.o continues the Enhanced Service Reliability Rider
18 (ESRR) as proposed. The ESRR will include the final two years of the 5-year
19 transition to a cycle-based vegetation management program as well as
20 maintenance levels once the transition is complete. The prudence of these costs
21 will continue to be determined as part of the annual true-up filing in February of
22 each year.

23 **Q. DOES THE STIPULATION IMPLEMENT ANY NEW RIDERS?**

1 A. Yes. The Stipulation implements a Generation Resource Rider (GRR), a Market
2 Transition Rider (MTR), a Load Factor Rider, a Distribution Investment Rider
3 (DIR) and a Phase-In Recovery Rider (PIRR).

4 The GRR is a nonbypassable rider designed to collect the costs associated
5 with AEP Ohio investment in generating facilities in accordance with Section
6 4928.143 (B) (2) (c). Consistent with Paragraph IV.1.d and IV.2.a.1.i.A, the rider
7 is simply a placeholder until such time as the Commission approves costs to be
8 recovered in a separate proceeding.

9 **Q. PLEASE DESCRIBE THE MTR.**

10 A. Pursuant to Paragraphs IV.1.b and IV.1.c, the MTR as shown in Stipulation
11 Appendix A is designed to facilitate the transition from CSP and OPCo's current
12 generation rates to the market-based SSO Generation Service rates discussed
13 above. The MTR is a nonbypassable rider designed to limit the first, second and
14 third year changes in rates for all customer classes to uniformly accomplish 50%
15 of the transition from current rates to market based rates. The MTR will end with
16 the June 1, 2015 billing cycle. Any revenue shortfall that is produced by limiting
17 the increases for certain customer classes is collected from those classes whose
18 decreases are limited.

19 Pursuant to Paragraph IV.1.c, schools that receive service under standard
20 service offer or open access distribution service Schedules GS-1 and GS-2 are not
21 subject to the MTR.

22 The sum of the credits provided, including the \$10/MWh shopping credit
23 provided in Paragraph IV.1.c, and charges collected under the MTR should be a

1 \$6 million quarterly charge until the end of 2012 or until securitization is
2 completed, whichever is earlier, and \$0 quarterly beginning with the first quarter
3 of 2013 or the completion of securitization, whichever is earlier. However, since
4 actual customer usage by customer class will vary, the net of actual credits and
5 charges could be greater than or less than the specified amounts. Any over- or
6 under-recoveries will be included in a quarterly MTR reconciliation. The credits
7 and charges for each year are shown in Exhibit DMR-3 consistent with
8 Stipulation Appendix A.

9 **Q. PLEASE DESCRIBE THE LOAD FACTOR RIDER.**

10 A. Pursuant to Paragraphs IV.1.b, the Load Factor Rider is a nonbypassable, revenue
11 neutral demand charge and energy credit applicable to all customers taking
12 service under standard service offer or open access distribution service Schedules
13 GS-2, GS-3 and GS-4 having monthly peak demands of less than or equal to 250
14 MW. The Load Factor Rider is designed to further facilitate the transition from
15 CSP and OPCo's current generation rates to the market-based SSO Generation
16 Service rates discussed above. The demand charge is \$6.57 per kW per month for
17 Schedule GS-3 and GS-4 customers and \$3.29 per kW per month for Schedule
18 GS-2 customers. The energy credit is \$0.01545 per kWh for Schedule GS-3 and
19 GS-4 customers and \$0.00228 per kWh for Schedule GS-2 customers. The Load
20 Factor Rider will end on May 31, 2016. On a quarterly basis, the sum of the
21 demand charges and energy credits under the Load Factor Rider should be zero
22 (0). However, since actual customer usage by customer class will vary, the net of
23 the actual charges and credits could be greater than or less than zero (0). Any

1 over- or under-recoveries will be included in a quarterly Load Factor Rider
2 reconciliation which will adjust the energy credits either up or down to achieve a
3 net zero (0) collection under the Load Factor Rider.

4 **Q. PLEASE DESCRIBE THE DIR.**

5 A. Pursuant to Paragraphs IV.1.n, the DIR adjusts quarterly to reflect a carrying
6 charge on distribution net investment up to the annual revenue caps. The DIR
7 will end on May 31, 2015. Collection under the DIR will be by a rate established
8 as a percentage of base distribution revenues consistent with the current ESRR.
9 Company witness Allen discusses the DIR in further detail.

10 **Q. PLEASE DESCRIBE THE PIRR.**

11 A. Pursuant to Paragraphs IV.6, the PIRR is designed to collect the phase-in
12 regulatory assets resulting from the current 2009 – 2011 ESP over a seven year
13 period. Collection under the PIRR will be by a rate per kWh which varies by
14 service voltage. Pursuant to Paragraphs IV.6.A, collection of the PIRR for
15 residential customers will be delayed for 12 months under the conditions specified
16 therein. Company witness Allen discusses the PIRR in further detail.

17 **Q. PLEASE COMPARE AEP OHIO'S PROPOSED RATE MECHANISMS
18 TO THE RATE MECHANISMS INCLUDED IN THE STIPULATION.**

19 A. Exhibit DMR-4 is a comparison of AEP Ohio's proposed rate mechanisms to
20 those ultimately included in the Stipulation. Provisions that were added, modified
21 or eliminated by the Stipulation are identified.

22 **Q. WHAT HAPPENS TO RATES IN JUNE 2015 - THE FINAL YEAR OF
23 THE ESP?**

1 A. As previously discussed, AEP Ohio will use of a competitive bid process to meet
2 its SSO obligation beginning in June 2015. Pursuant to Paragraph IV.1.r, AEP
3 Ohio will be entitled to recover all costs for power purchased through the
4 competitive procurement process. Such recovery would include any incidental
5 costs associated with an auction based SSO. As discussed by Company witness
6 LaCasse, a stakeholder process will be established to address the details involved
7 with the recovery of the auction clearing prices through retail rates and associated
8 matters. At a minimum, Paragraph IV.1.r establishes that retail rates will be
9 voltage-differentiated, seasonal, and reflect capacity costs allocated on a 5
10 coincident peak basis. Other provisions that will be addressed by the stakeholder
11 process include, but are not limited to, supplier default provisions, adjustments for
12 taxes including the Commercial Activity Tax, the applicable interest rate to apply
13 to over-/under-recoveries, and other provisions related to over-/under-recovery
14 balances. Additional tariffs and riders will be required to implement the
15 provisions of Paragraph IV.1.r.

16 **IMPLEMENTATION AND CUSTOMER BILL IMPACTS**

17 **Q. WHEN WILL AEP OHIO FILE AND IMPLEMENT THE STIPULATED**
18 **ESP RATES?**

19 A. Upon approval of the Stipulation by the Commission, AEP Ohio will file
20 compliance tariffs to be effective for bills rendered beginning with the first billing
21 cycle of January 2012. For January 2012, the first billing cycle is December 30,
22 2011.

1 **Q. WHAT HAPPENS IF THE STIPULATION IS NOT APPROVED PRIOR**
2 **TO DECEMBER 30, 2011?**

3 A. Ideally, the tariff changes will be filed after the Commission issues a final order
4 approving the Stipulation without modification in this proceeding. Should that
5 approval not be received by December 30, 2011, AEP Ohio proposes that CSP
6 and OPCo continue billing under the current ESP base generation rates and POLR
7 rates, and that the FAC and EICCR continue to operate and adjust without any
8 “cap”.

9 **Q. WHAT IMPACT WILL THE STIPULATION HAVE ON CUSTOMER**
10 **BILLS?**

11 A. Upon implementation in January 2012, residential customers using 1,000 kWh of
12 electricity per month would see a monthly rate decrease of \$4.54 for CSP and
13 increase of \$4.41 for OPCo. Exhibit DMR-5 shows the annualized percentage
14 increases at various “typical” usage levels for each major tariff schedule for 2012,
15 2013 and 2014.

16 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

17 A. Yes it does.

AEP Ohio

Summary of Stipulated Rate Increases

Effects of Previous ESP

	2012 Rates before Proposed ESP*										2012 Rates with Proposed ESP**										
	Base Gen.	Full F.A.C.	Full Env.	Total Gen.	Current Trans.	Current Dist.	POLR	Phase-In Rider	Total		Base Gen.	F.A.C.	Env.	Total Gen.	Current Trans.	Current Dist.	POLR	Phase-In Rider	Transition Rider	Total	
CSP																					
RS	2.01	3.65	0.11	5.77	0.82	4.00	0.57		11.16	3.22	3.38		6.60	0.82	4.40						11.53
GS1	4.57	3.65	0.26	8.47	0.70	3.63	0.49		13.29	2.52	3.38		5.89	0.70	3.98			0.23	2.34		13.14
GS2	4.40	3.64	0.25	8.29	0.75	2.41	0.50		11.95	2.63	3.37		6.00	0.75	2.62		1.04		1.58		12.21
GS3	2.20	3.60	0.13	5.92	0.58	1.59	0.39		8.48	2.29	3.33		5.62	0.58	1.72		(0.08)		0.53		8.58
GS4/IRP	0.94	3.46	0.05	4.45	0.70	0.28	0.33		5.76	1.93	3.20		5.13	0.70	0.30		(0.13)		0.22		5.69
AL	2.89	3.65	0.16	6.70	0.22	13.66	0.16		20.75	0.54	3.38		3.91	0.22	15.26			0.23	3.62		23.24
SL	1.81	3.65	0.10	5.55	0.22	7.38	0.19		13.34	0.54	3.38		3.92	0.22	8.21			0.23	1.97		14.56
SBS	2.79	3.46	0.16	6.40	1.72	0.34	0.40		8.87	2.88	3.20		6.07	1.72	0.36			0.22	0.26		8.63
Subtotal	2.02	3.59	0.12	5.73	0.72	2.46	0.46		9.37	2.63	3.33		5.95	0.72	2.69		0.01	0.13	0.05		9.56
OP																					
RS	2.41	3.16	0.08	5.66	0.85	3.41	0.23		10.65	3.20	3.38		6.57	0.85	3.75				(0.06)		11.10
GS1	3.42	3.16	0.12	6.70	0.70	4.04	0.26		12.20	2.50	3.38		5.87	0.70	4.46			0.23	1.68		12.94
GS2	3.05	3.13	0.10	6.29	0.60	2.10	0.27		9.75	2.66	3.35		6.00	0.60	2.29		1.06		0.54		10.72
GS3	2.05	3.09	0.07	5.21	0.59	1.49	0.19		7.97	2.20	3.30		5.50	0.59	1.60		(0.19)		0.10		7.83
GS4/IRP	1.54	2.98	0.05	4.57	0.56	0.25	0.16		6.01	1.57	3.20		4.76	0.56	0.27		(0.31)		0.22		5.27
EHG	1.49	3.16	0.05	4.71	1.03	2.81	0.29		9.34	2.68	3.38		6.05	1.03	3.08			0.23	(0.64)		9.75
EHS	0.00	3.16	0.00	3.16	0.65	0.81	0.37		5.50	2.70	3.38		6.08	0.65	0.84			0.23	(2.61)		5.19
SS	2.47	3.16	0.08	5.71	0.65	2.15	0.29		9.31	2.70	3.38		6.08	0.65	2.34			0.23	0.12		9.43
FL	0.42	3.16	0.01	3.60	0.60	2.71	0.27		7.68	2.35	3.38		5.72	0.60	2.97			0.23	(1.49)		8.04
OL	6.92	3.16	0.24	10.32	0.27	10.19	0.06		21.34	0.54	3.38		3.91	0.27	11.37			0.23	8.16		23.95
SL	7.37	3.16	0.25	10.79	0.27	7.51	0.06		19.13	0.54	3.38		3.92	0.27	8.38			0.23	7.82		20.62
SBS	45.79	2.98	1.56	50.32	19.77	41.27	0.19		112.02	69.20	3.20		72.39	19.77	46.24			0.22	(11.77)		126.85
Subtotal	2.16	3.08	0.07	5.31	0.65	1.77	0.20		8.43	2.33	3.30		5.63	0.65	1.94		(0.01)	0.16	0.06		8.43
AEP Ohio	2.10	3.29	0.09	5.48	0.68	2.05	0.31		8.81	2.45	3.31		5.76	0.68	2.24		0.00	0.15	0.06		8.88
Percentage Increase																					0.87%

*Note: Reflects full cost 2011 FAC and Environmental Investment Carrying Cost Rider and implementation of Phase-In Rider on OP only

** Reflects forecasted FAC from Case No. 11-281-EL-FAC
 Reflects Distribution Investment Recovery Rider at Settlement maximum amount.
 Reflects Phase-In Recovery Rider on CSP and OP, but not potential securitization savings.
 Reflects No Phase-In Recovery Rider collection for CSP and OP residential customers.
 Reflects GS-1 & GS-2 School Exemption from Transition Rider.
 Reflects \$10 million shopping credit for GS-2.
 No estimate of potential Generation Resource Rider.

AEP Ohio

Summary of Stipulated Rate Increases

	2013 Rates with Proposed ESP***										2014 Rates with Proposed ESP***													
	Base Gen.	FAC	Env.	Total Gen.	Current Trans.	Proj. Dist.	POLR	LF Rider	Phase-In Rider	Transition Rider	Total	Base Gen.	FAC	Env.	Total Gen.	Current Trans.	Proj. Dist.	POLR	LF Rider	Phase-In Rider	Transition Rider	Total		
CSP																								
RS	3.38	3.38		6.76	0.82	4.47		0.23	(0.25)	12.04	3.58	3.38		6.95	0.82	4.56				0.23	(0.21)	12.36		
GS1	2.64	3.37		6.02	0.70	4.05		0.23	2.06	13.06	2.79	3.38		6.17	0.70	4.13				0.23	1.79	13.02		
GS2	2.76	3.37		6.13	0.75	2.66	1.04	0.23	1.32	12.12	2.92	3.37		6.29	0.75	2.71	1.04			0.23	1.06	12.07		
GS3	2.40	3.33		5.73	0.58	1.74	(0.08)	0.23	0.38	8.57	2.54	3.33		5.87	0.58	1.77	(0.08)			0.23	0.33	8.68		
GS4/IRP	2.03	3.20		5.22	0.70	0.31	(0.13)	0.22	(0.55)	5.77	2.14	3.20		5.34	0.70	0.31	(0.13)			0.22	(0.46)	5.98		
AL	0.56	3.38		3.94	0.22	15.57		0.23	3.38	23.34	0.59	3.38		3.97	0.22	15.92				0.23	3.19	23.53		
SL	0.57	3.38		3.95	0.22	8.38		0.23	1.86	14.63	0.60	3.38		3.98	0.22	8.56				0.23	1.77	14.76		
SBS	3.02	3.20		6.21	1.72	0.36		0.22	0.20	8.71	3.20	3.20		6.39	1.72	0.37				0.22	0.13	8.82		
Subtotal	2.76	3.33		6.09	0.72	2.74	0.01	0.23	0.00	9.79	2.92	3.33		6.24	0.72	2.79	0.01			0.23	0.00	10.00		
OP																								
RS	3.36	3.38		6.73	0.85	3.82		0.23	(0.05)	11.57	3.55	3.38		6.92	0.85	3.89				0.23	(0.04)	11.85		
GS1	2.62	3.38		6.00	0.70	4.54		0.23	1.49	12.95	2.77	3.38		6.15	0.70	4.63				0.23	1.30	13.01		
GS2	2.79	3.35		6.14	0.60	2.33	1.06	0.23	0.44	10.79	2.95	3.35		6.30	0.60	2.37	1.06			0.23	0.35	10.89		
GS3	2.31	3.30		5.61	0.59	1.63	(0.19)	0.22	0.01	7.87	2.44	3.30		5.74	0.59	1.65	(0.19)			0.22	0.02	8.04		
GS4/IRP	1.66	3.20		4.86	0.56	0.28	(0.31)	0.22	(0.29)	5.31	1.77	3.20		4.97	0.56	0.28	(0.31)			0.22	(0.25)	5.47		
EHG	2.81	3.38		6.19	1.03	3.13		0.23	(0.54)	10.05	2.97	3.38		6.35	1.03	3.19				0.23	(0.43)	10.38		
EHS	2.83	3.38		6.21	0.65	0.84		0.23	(2.23)	5.70	3.00	3.38		6.37	0.65	0.85				0.23	(1.82)	6.28		
SS	2.84	3.38		6.21	0.65	2.38		0.23	0.11	9.58	3.00	3.38		6.38	0.65	2.42				0.23	0.09	9.77		
FL	2.46	3.38		5.84	0.60	3.02		0.23	(1.25)	8.44	2.60	3.38		5.98	0.60	3.08				0.23	(1.01)	8.89		
OL	0.56	3.38		3.94	0.27	11.61		0.23	7.27	23.32	0.59	3.38		3.97	0.27	11.87				0.23	6.47	22.81		
SL	0.57	3.38		3.95	0.27	8.55		0.23	6.94	19.94	0.60	3.38		3.98	0.27	8.74				0.23	6.15	19.36		
SBS	72.66	3.20		75.85	19.77	47.22		0.22	(11.62)	131.45	76.13	3.20		79.33	19.77	48.32				0.22	(11.03)	136.61		
Subtotal	2.45	3.30		5.75	0.65	1.97	(0.01)	0.22	0.00	8.59	2.60	3.30		5.89	0.65	2.01	(0.01)			0.22	0.00	8.77		
AEP Ohio	2.57	3.31		5.88	0.68	2.28	0.00	0.22	0.00	9.07	2.72	3.31		6.03	0.68	2.32	0.00			0.22	0.00	9.26		
Percentage Inc										2.10%													2.14%	

*** Reflects forecasted FAC from Case No. 11-281-EL-FAC
 Reflects Distribution Investment Recovery Rider at Settlement maximum amount.
 Reflects Phase-In Recovery Rider on CSP and OP, but not potential securitization savings.
 Reflects GS-1 & GS-2 School Exemption from Transition Rider.
 Reflects \$10 million shopping credit for GS-2.
 No estimate of potential Generation Resource Rider.

**Calculation of Standard Offer
Generation Service Rider**

2012 Base Generation Rates	<u>All Hours</u>			<u>On-Peak Hours</u>			<u>Off-Peak Hours</u>		
	<u>Annual</u>	<u>Summer</u>	<u>Winter</u>	<u>Annual</u>	<u>Summer</u>	<u>Winter</u>	<u>Annual</u>	<u>Summer</u>	<u>Winter</u>
Residential		\$0.03728	\$0.02963		\$0.05135	\$0.03753		\$0.02074	\$0.02122
GS-1		\$0.02964	\$0.02275		\$0.04231	\$0.02986		\$0.01474	\$0.01517
AL	\$0.00535								
SL	\$0.00542								
<u>Demand Metered - Secondary</u>									
First 100 kWh/kW		\$0.03422	\$0.02690						
100 - 200 kWh/kW		\$0.03281	\$0.02564						
200 - 300 kWh/kW		\$0.02940	\$0.02259						
300 - 400 kWh/kW		\$0.02401	\$0.01776						
400 - 500 kWh/kW		\$0.01663	\$0.01116						
500 - 600 kWh/kW		\$0.00725	\$0.00276						
Over 600 kWh/kW		\$0.00000	\$0.00000						
Losses:	0.9653092								
<u>Demand Metered - Primary</u>									
First 100 kWh/kW		\$0.03303	\$0.02597						
100 - 200 kWh/kW		\$0.03167	\$0.02475						
200 - 300 kWh/kW		\$0.02838	\$0.02181						
300 - 400 kWh/kW		\$0.02318	\$0.01714						
400 - 500 kWh/kW		\$0.01605	\$0.01077						
500 - 600 kWh/kW		\$0.00700	\$0.00266						
Over 600 kWh/kW		\$0.00000	\$0.00000						
Losses:	0.9460784								
<u>Demand Metered - Subtransmission/Transmission</u>									
First 100 kWh/kW		\$0.03237	\$0.02545						
100 - 200 kWh/kW		\$0.03104	\$0.02426						
200 - 300 kWh/kW		\$0.02781	\$0.02137						
300 - 400 kWh/kW		\$0.02272	\$0.01680						
400 - 500 kWh/kW		\$0.01573	\$0.01056						
500 - 600 kWh/kW		\$0.00686	\$0.00261						
Over 600 kWh/kW		\$0.00000	\$0.00000						
2013 Base Generation Rates	<u>All Hours</u>			<u>On-Peak Hours</u>			<u>Off-Peak Hours</u>		
	<u>Annual</u>	<u>Summer</u>	<u>Winter</u>	<u>Annual</u>	<u>Summer</u>	<u>Winter</u>	<u>Annual</u>	<u>Summer</u>	<u>Winter</u>
Residential		\$0.03914	\$0.03110		\$0.05391	\$0.03940		\$0.02177	\$0.02228
GS-1		\$0.03112	\$0.02388		\$0.04442	\$0.03135		\$0.01547	\$0.01593
AL	\$0.00562								
SL	\$0.00569								
<u>Demand Metered - Secondary</u>									
First 100 kWh/kW		\$0.03592	\$0.02824						
100 - 200 kWh/kW		\$0.03444	\$0.02692						
200 - 300 kWh/kW		\$0.03086	\$0.02371						
300 - 400 kWh/kW		\$0.02521	\$0.01864						
400 - 500 kWh/kW		\$0.01746	\$0.01172						
500 - 600 kWh/kW		\$0.00761	\$0.00290						
Over 600 kWh/kW		\$0.00000	\$0.00000						
<u>Demand Metered - Primary</u>									
First 100 kWh/kW		\$0.03467	\$0.02726						
100 - 200 kWh/kW		\$0.03325	\$0.02598						
200 - 300 kWh/kW		\$0.02979	\$0.02290						
300 - 400 kWh/kW		\$0.02433	\$0.01799						
400 - 500 kWh/kW		\$0.01685	\$0.01131						
500 - 600 kWh/kW		\$0.00735	\$0.00279						
Over 600 kWh/kW		\$0.00000	\$0.00000						
<u>Demand Metered - Subtransmission/Transmission</u>									
First 100 kWh/kW		\$0.03398	\$0.02672						
100 - 200 kWh/kW		\$0.03259	\$0.02547						
200 - 300 kWh/kW		\$0.02919	\$0.02243						
300 - 400 kWh/kW		\$0.02385	\$0.01764						
400 - 500 kWh/kW		\$0.01651	\$0.01109						
500 - 600 kWh/kW		\$0.00720	\$0.00274						
Over 600 kWh/kW		\$0.00000	\$0.00000						

**Calculation of Standard Offer
Generation Service Rider**

2014 - May 2015 Base Generation Rates	All Hours			On-Peak Hours			Off-Peak Hours		
	Annual	Summer	Winter	Annual	Summer	Winter	Annual	Summer	Winter
Residential		\$0.04137	\$0.03287		\$0.05699	\$0.04165		\$0.02301	\$0.02355
GS-1		\$0.03290	\$0.02524		\$0.04695	\$0.03314		\$0.01635	\$0.01684
AL	\$0.00594								
SL	\$0.00601								
<u>Demand Metered - Secondary</u>									
First 100 kWh/kW		\$0.03797	\$0.02985						
100 - 200 kWh/kW		\$0.03640	\$0.02846						
200 - 300 kWh/kW		\$0.03262	\$0.02506						
300 - 400 kWh/kW		\$0.02665	\$0.01970						
400 - 500 kWh/kW		\$0.01846	\$0.01239						
500 - 600 kWh/kW		\$0.00804	\$0.00307						
Over 600 kWh/kW		\$0.00000	\$0.00000						
<u>Demand Metered - Primary</u>									
First 100 kWh/kW		\$0.03665	\$0.02882						
100 - 200 kWh/kW		\$0.03515	\$0.02746						
200 - 300 kWh/kW		\$0.03149	\$0.02421						
300 - 400 kWh/kW		\$0.02572	\$0.01902						
400 - 500 kWh/kW		\$0.01781	\$0.01196						
500 - 600 kWh/kW		\$0.00777	\$0.00295						
Over 600 kWh/kW		\$0.00000	\$0.00000						
<u>Demand Metered - Subtransmission/Transmission</u>									
First 100 kWh/kW		\$0.03592	\$0.02824						
100 - 200 kWh/kW		\$0.03445	\$0.02692						
200 - 300 kWh/kW		\$0.03086	\$0.02371						
300 - 400 kWh/kW		\$0.02521	\$0.01865						
400 - 500 kWh/kW		\$0.01745	\$0.01172						
500 - 600 kWh/kW		\$0.00761	\$0.00290						
Over 600 kWh/kW		\$0.00000	\$0.00000						

Market Transition Rider

Line No.	Company	Class/ Descript. (A)	2012 Transition Rider (B)	2013 Transition Rider (C)	2014/2015 Transition Rider (D)
1	CSP	Residential Service	(\$0.00294)	(\$0.00252)	(\$0.00209)
2					
3	CSP	General Service - Small	\$0.02375	\$0.02091	\$0.01816
4					
5	CSP	General Service - Low Load Factor	\$0.02298	\$0.02004	\$0.01715
6					
7	CSP	General Service - Medium Load Factor	\$0.00527 *	\$0.00375	\$0.00325
8					
9	CSP	General Service - Large / Interruptible Power - Discretionary	(\$0.00533) *	(\$0.00550)	(\$0.00462)
10					
11	CSP	Area Lighting	\$0.03618	\$0.03377	\$0.03189
12					
13	CSP	Street Lighting	\$0.01973	\$0.01855	\$0.01768
14					
15	CSP	Standby Service	\$0.00258	\$0.00198	\$0.00129
16					
17	OPCo	Residential Service	(\$0.00064)	(\$0.00053)	(\$0.00041)
18					
19	OPCo	General Service - Non-Demand Metered	\$0.01705	\$0.01506	\$0.01316
20					
21	OPCo	General Service - Low Load Factor	\$0.00794	\$0.00683	\$0.00571
22					
23	OPCo	General Service - Medium/High Load Factor	\$0.00100 *	\$0.00007	\$0.00017
24					
25	OPCo	General Service - Large / Interruptible Power - Discretionary	(\$0.00235) *	(\$0.00293)	(\$0.00249)
26					
27	OPCo	Electric Heating General	(\$0.00641)	(\$0.00536)	(\$0.00426)
28					
29	OPCo	Electric Heating Schools	(\$0.02608)	(\$0.02234)	(\$0.01822)
30					
31	OPCo	School Service	\$0.00124	\$0.00105	\$0.00085
32					
33	OPCo	Flood Pumping	(\$0.01486)	(\$0.01254)	(\$0.01008)
34					
35	OPCo	Outdoor Lighting	\$0.08160	\$0.07270	\$0.06466
36					
37	OPCo	Street Lighting	\$0.07823	\$0.06944	\$0.06148
38					
39	OPCo	Standby Service	(\$0.11774)	(\$0.11616)	(\$0.11026)

* The 2012 MTR for the following classes will change should securitization be completed in 2012, as follows:

CSP	General Service - Medium Load Factor	\$0.00424
CSP	General Service - Large / Interruptible Power - Discretionary	(\$0.00636)
OPCo	General Service - Medium/High Load Factor	(\$0.00003)
OPCo	General Service - Large / Interruptible Power - Discretionary	(\$0.00338)

Comparison of Proposed and Stipulation Rate Mechanisms

Line	Rate Mechanism	Abbreviation	Included In		Notes
			Company's Proposal	Stipulation	
1	Current Riders				
2	Universal Service Fund Rider	USF	Yes	Yes	
3	kWh Tax Rider	kWh Tax	Yes	Yes	
4	Provider of Last Resort Charge	POLR	Yes	No	Eliminated by Stipulation
5	Transmission Cost Recovery Rider	TCRR	Yes	Yes	
6	Fuel Adjustment Clause Rider	FAC	Yes	Yes	
7	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	EE/PDR	Yes	Yes	
8	Economic Development Cost Recovery Rider	EDR	Yes	Yes	Modified by Stipulation
9	Enhanced Service Reliability Rider	ESRR	Yes	Yes	
10	gridSMART® Rider	gridSMART®	Yes	Yes	Limited by Stipulation
11	Environmental Investment Carrying Cost Rider	EICCR	Yes	No	Eliminated by Stipulation
12					
13	Proposed Riders				
14	Standard Offer Generation Service Rider	GSR	Yes	Yes	Modified by Stipulation
15	Generation Resource Rider	GRR	Yes	Yes	Modified by Stipulation
16	Alternative Energy Rider	AER	Yes	Yes	Modified by Stipulation
17	Phase-In Recovery Rider	PIRR	Yes	Yes	Modified by Stipulation
18	Distribution Investment Rider	DIR	Yes	Yes	Modified by Stipulation
19	Market Transition Rider	MTR	Yes	Yes	Modified by Stipulation
20	Generation NERC Compliance Cost Recovery Rider	NERCR	Yes	No	Eliminated by Stipulation
21	Facility Closure Cost Recovery Rider	FCCR	Yes	No	Eliminated by Stipulation
22	Carbon Capture and Sequestration Rider	CCSR	Yes	No	Eliminated by Stipulation
23					
24	Other Provisions				
25	Green Power Portfolio Rider	GPPR	Yes	Yes	Modified by Stipulation
26	Rate Security Rider	RSR	Yes	No	Eliminated by Stipulation
27	Plug-In Electric Vehicle Tariff / Costs	PEV	Yes	Yes	Modified by Stipulation
28	Emergency Curtailable Service Rider	ECS	Yes	No	Eliminated by Stipulation
29	Storm Damage Recovery Mechanism		Yes	Yes	Modified by Stipulation
30	Pool Termination or Modification Provision		Yes	Yes	Modified by Stipulation
31	Load Factor Rider	LFR	No	Yes	Added by Stipulation

COLUMBUS SOUTHERN POWER COMPANY
Case Nos. 11-346-EL-SSO and 11-348-EL-SSO
Typical Bill Comparison
(Annualized)

Rate Code	Level of Demand (A)	Level of Usage (B)	Current Total Bill (C)	2012 Total Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	2013 Total Bill (G)	Dollar Increase (H=G-D)	% Increase (I = H÷D)	2014/2015 Total Bill (J)	Dollar Increase (K=J-G)	% Increase (L = K÷G)
R-R-1 Summer		0	5.53	6.15	0.62	11.23%	6.27	0.12	2.01%	6.41	0.14	2.19%
		30	8.98	9.82	0.84	9.39%	10.11	0.28	2.88%	10.35	0.24	2.40%
		70	13.59	14.72	1.13	8.32%	15.22	0.50	3.37%	15.60	0.38	2.51%
		120	19.34	20.84	1.50	7.76%	21.60	0.76	3.66%	22.16	0.56	2.58%
		200	28.56	30.64	2.08	7.27%	31.82	1.19	3.88%	32.66	0.84	2.63%
		300	40.07	42.88	2.81	7.01%	44.60	1.72	4.01%	45.78	1.19	2.66%
		500	63.10	67.36	4.26	6.76%	70.15	2.78	4.13%	72.03	1.88	2.69%
		700	86.14	91.85	5.71	6.63%	95.70	3.85	4.19%	98.28	2.58	2.70%
R-R-1 Winter		0	5.53	6.15	0.62	11.23%	6.27	0.12	2.01%	6.41	0.14	2.19%
		30	8.98	9.59	0.61	6.84%	9.87	0.27	2.83%	10.09	0.23	2.31%
		70	13.59	14.18	0.59	4.38%	14.65	0.47	3.30%	15.00	0.35	2.39%
		120	19.34	19.92	0.58	3.02%	20.64	0.72	3.59%	21.14	0.50	2.43%
		200	28.56	29.11	0.55	1.91%	30.22	1.11	3.81%	30.96	0.74	2.46%
		300	40.07	40.58	0.51	1.28%	42.19	1.60	3.95%	43.23	1.05	2.48%
		500	63.10	63.54	0.44	0.69%	66.13	2.59	4.07%	67.78	1.65	2.50%
		700	86.14	86.49	0.35	0.41%	90.07	3.58	4.13%	92.33	2.26	2.51%
		800	97.65	97.97	0.32	0.33%	102.04	4.07	4.15%	104.60	2.56	2.51%
		1,000	111.37	115.51	4.14	3.72%	120.45	4.94	4.27%	123.49	3.04	2.52%
		1,250	128.53	137.44	8.91	6.93%	143.46	6.02	4.38%	147.09	3.63	2.53%
		1,500	145.68	159.37	13.69	9.40%	166.47	7.10	4.46%	170.70	4.23	2.54%
		2,000	179.98	203.22	23.24	12.91%	212.50	9.27	4.56%	217.91	5.41	2.55%
	4,000	316.27	377.73	61.46	19.43%	395.67	17.94	4.75%	405.83	10.16	2.57%	
	5,000	384.42	464.98	80.56	20.96%	487.26	22.28	4.79%	499.79	12.53	2.57%	
RR Summer		0	5.53	6.15	0.62	11.23%	6.27	0.12	2.01%	6.41	0.14	2.19%
		30	9.28	9.92	0.64	6.85%	10.20	0.29	2.88%	10.45	0.24	2.40%
		70	14.28	14.94	0.66	4.59%	15.44	0.50	3.35%	15.82	0.39	2.51%
		120	20.53	21.21	0.68	3.31%	21.98	0.77	3.63%	22.55	0.57	2.57%
		200	30.53	31.25	0.72	2.36%	32.45	1.20	3.84%	33.30	0.85	2.62%
		300	43.04	43.80	0.76	1.76%	45.54	1.74	3.97%	46.75	1.21	2.65%
		500	68.04	68.90	0.86	1.26%	71.71	2.82	4.09%	73.64	1.92	2.68%
		800	105.56	106.54	0.98	0.93%	110.98	4.43	4.16%	113.97	2.99	2.70%
		1,000	130.56	131.64	1.08	0.83%	137.15	5.51	4.19%	140.86	3.71	2.70%
		1,200	155.57	156.74	1.17	0.75%	163.33	6.59	4.20%	167.75	4.42	2.71%
		1,500	193.08	194.39	1.31	0.68%	202.60	8.21	4.22%	208.08	5.49	2.71%
		2,000	255.60	257.14	1.54	0.60%	268.04	10.90	4.24%	275.31	7.27	2.71%
		4,000	504.76	507.20	2.44	0.48%	528.88	21.68	4.27%	543.29	14.41	2.72%
	5,000	629.34	632.23	2.89	0.46%	659.30	27.06	4.28%	677.28	17.98	2.73%	
	8,000	1,003.07	1,007.33	4.26	0.42%	1,050.56	43.23	4.29%	1,079.24	28.68	2.73%	
	10,000	1,252.23	1,257.40	5.17	0.41%	1,311.40	54.00	4.29%	1,347.22	35.82	2.73%	
RR Winter		0	5.53	6.15	0.62	11.23%	6.27	0.12	2.01%	6.41	0.14	2.19%
		30	9.28	9.69	0.41	4.38%	9.96	0.27	2.82%	10.19	0.23	2.32%
		70	14.28	14.40	0.12	0.84%	14.87	0.47	3.29%	15.23	0.35	2.39%
		120	20.53	20.29	(0.24)	-1.16%	21.02	0.72	3.56%	21.53	0.51	2.43%
		200	30.53	29.72	(0.81)	-2.66%	30.84	1.12	3.78%	31.60	0.76	2.46%
		300	43.04	41.50	(1.54)	-3.57%	43.13	1.62	3.91%	44.20	1.07	2.48%
		500	68.04	65.07	(2.97)	-4.36%	67.69	2.62	4.03%	69.39	1.69	2.50%
		800	105.56	100.42	(5.14)	-4.86%	104.55	4.12	4.10%	107.17	2.62	2.51%
		1,000	119.28	117.97	(1.31)	-1.10%	122.96	4.99	4.23%	126.06	3.10	2.52%
		1,200	133.00	135.51	2.51	1.89%	141.37	5.86	4.32%	144.94	3.57	2.53%
		1,500	153.58	161.82	8.24	5.37%	168.98	7.16	4.22%	173.27	4.29	2.54%
		2,000	187.88	205.68	17.80	9.47%	215.00	9.33	4.53%	220.48	5.47	2.55%
		4,000	324.18	380.18	56.00	17.28%	398.18	18.00	4.73%	408.40	10.22	2.57%
	5,000	392.32	467.43	75.11	19.15%	489.77	22.33	4.78%	502.36	12.59	2.57%	
	8,000	596.76	729.19	132.43	22.19%	764.53	35.34	4.85%	784.24	19.71	2.58%	
	10,000	733.05	903.69	170.64	23.28%	947.71	44.02	4.87%	972.17	24.46	2.58%	
RR (SWH) Summer	80 gal.	500	53.37	52.91	(0.46)	-0.87%	55.23	2.33	4.40%	56.59	1.36	2.45%
	80 gal.	800	90.88	90.55	(0.33)	-0.36%	94.50	3.94	4.35%	96.92	2.43	2.57%
	80 gal.	1,000	115.89	115.65	(0.24)	-0.20%	120.67	5.02	4.34%	123.81	3.14	2.60%
	80 gal.	1,500	178.41	178.40	(0.01)	-0.01%	186.11	7.71	4.32%	191.04	4.92	2.65%
	80 gal.	2,000	240.93	241.15	0.22	0.09%	251.55	10.41	4.32%	258.26	6.71	2.67%
	80 gal.	4,000	490.09	491.21	1.12	0.23%	512.39	21.18	4.31%	526.24	13.84	2.70%
	80 gal.	6,000	739.24	741.28	2.04	0.28%	773.24	31.96	4.31%	794.22	20.98	2.71%
	80 gal.	8,000	988.40	991.34	2.94	0.30%	1,034.08	42.74	4.31%	1,062.19	28.12	2.72%
	100 gal.	500	53.37	52.91	(0.46)	-0.87%	55.23	2.33	4.40%	56.59	1.36	2.45%
	100 gal.	800	85.99	85.22	(0.77)	-0.89%	89.00	3.78	4.43%	91.24	2.24	2.51%
	100 gal.	1,000	111.00	110.32	(0.68)	-0.61%	115.18	4.86	4.40%	118.13	2.95	2.56%
	100 gal.	1,500	173.52	173.07	(0.45)	-0.26%	180.62	7.55	4.36%	185.35	4.74	2.62%
	100 gal.	2,000	236.04	235.82	(0.22)	-0.10%	246.06	10.24	4.34%	252.58	6.52	2.65%
	100 gal.	4,000	485.20	485.88	0.68	0.14%	506.90	21.02	4.33%	520.56	13.66	2.69%
	100 gal.	6,000	734.35	735.95	1.60	0.22%	767.74	31.80	4.32%	788.53	20.79	2.71%
	100 gal.	8,000	983.51	986.01	2.50	0.25%	1,028.58	42.57	4.32%	1,056.51	27.93	2.72%
	120 gal.	500	53.37	52.91	(0.46)	-0.87%	55.23	2.33	4.40%	56.59	1.36	2.45%
	120 gal.	800	81.10	79.89	(1.21)	-1.49%	83.51	3.62	4.53%	85.56	2.05	2.45%
	120 gal.	1,000	106.11	104.99	(1.12)	-1.05%	109.69	4.69	4.47%	112.45	2.76	2.52%
	120 gal.	1,500	168.63	167.74	(0.89)	-0.53%	175.13	7.39	4.40%	179.67	4.55	2.60%
	120 gal.	2,000	231.15	230.49	(0.66)	-0.29%	240.57	10.08	4.37%	246.90	6.33	2.63%
	120 gal.	4,000	480.31	480.55	0.24	0.05%	501.41	20.86	4.34%	514.87	13.47	2.69%
	120 gal.	6,000	729.46	730.62	1.16	0.16%	762.25	31.63	4.33%	782.85	20.60	2.70%
	120 gal.	8,000	978.62	980.68	2.06	0.21%	1,023.09	42.41	4.32%	1,050.83	27.74	2.71%
	120 gal.	10,000	1,227.78	1,230.75	2.97	0.24%	1,283.93	53.18	4.32%	1,318.81	34.88	2.72%

COLUMBUS SOUTHERN POWER COMPANY
Case Nos. 11-346-EL-SSO and 11-348-EL-SSO
Typical Bill Comparison
(Annualized)

Rate Code	Level of Demand (A)	Level of Usage (B)	Current Total Bill (C)	2012 Total Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	2013 Total Bill (G)	Dollar Increase (H=G-D)	% Increase (I = H÷D)	2014/2015 Total Bill (J)	Dollar Increase (K=J-G)	% Increase (L = K÷G)
RR												
(SWH)												
Winter	80 gal.	500	53.37	51.52	(1.85)	-3.47%	53.78	2.26	4.38%	55.05	1.27	2.37%
	80 gal.	800	90.88	86.87	(4.01)	-4.41%	90.63	3.76	4.32%	92.84	2.20	2.43%
	80 gal.	1,000	115.89	110.44	(5.45)	-4.70%	115.20	4.76	4.31%	118.03	2.83	2.45%
	80 gal.	1,500	155.21	156.60	1.39	0.90%	163.58	6.98	4.45%	167.65	4.07	2.49%
	80 gal.	2,000	189.51	200.46	10.95	5.78%	209.60	9.14	4.56%	214.86	5.26	2.51%
	80 gal.	4,000	325.80	374.96	49.16	15.09%	392.78	17.82	4.75%	402.78	10.00	2.55%
	80 gal.	6,000	462.09	549.46	87.37	18.91%	575.95	26.49	4.82%	590.70	14.75	2.56%
	80 gal.	8,000	598.39	723.97	125.58	20.99%	759.13	35.16	4.86%	778.62	19.50	2.57%
	100 gal.	500	53.37	51.52	(1.85)	-3.47%	53.78	2.26	4.38%	55.05	1.27	2.37%
	100 gal.	800	85.99	82.36	(3.63)	-4.23%	85.99	3.64	4.41%	88.06	2.07	2.40%
	100 gal.	1,000	111.00	105.92	(5.08)	-4.57%	110.56	4.63	4.38%	113.25	2.69	2.43%
	100 gal.	1,500	156.59	155.81	(0.78)	-0.50%	162.74	6.94	4.45%	166.76	4.02	2.47%
	100 gal.	2,000	190.89	199.66	8.77	4.60%	208.77	9.10	4.56%	213.97	5.21	2.49%
	100 gal.	4,000	327.19	374.17	46.98	14.36%	391.94	17.78	4.75%	401.90	9.95	2.54%
	100 gal.	6,000	463.48	548.67	85.19	18.38%	575.12	26.45	4.82%	589.82	14.70	2.56%
	100 gal.	8,000	599.77	723.17	123.40	20.58%	758.29	35.12	4.86%	777.74	19.45	2.56%
	120 gal.	500	53.37	51.52	(1.85)	-3.47%	53.78	2.26	4.38%	55.05	1.27	2.37%
	120 gal.	800	81.10	77.84	(3.26)	-4.02%	81.35	3.51	4.51%	83.28	1.93	2.37%
	120 gal.	1,000	106.11	101.41	(4.70)	-4.43%	105.92	4.51	4.45%	108.47	2.55	2.40%
	120 gal.	1,500	157.34	154.30	(3.04)	-1.93%	161.18	6.88	4.46%	165.14	3.95	2.45%
	120 gal.	2,000	191.65	198.16	6.51	3.40%	207.21	9.05	4.57%	212.35	5.14	2.48%
	120 gal.	4,000	327.94	372.66	44.72	13.64%	390.38	17.72	4.76%	400.27	9.89	2.53%
	120 gal.	6,000	464.23	547.17	82.94	17.87%	573.56	26.39	4.82%	588.19	14.63	2.55%
	120 gal.	8,000	600.52	721.67	121.15	20.17%	756.74	35.07	4.86%	776.12	19.38	2.56%
	120 gal.	10,000	736.81	896.17	159.36	21.63%	939.91	43.74	4.88%	964.04	24.13	2.57%
RLM												
Summer	5	500	70.01	73.51	3.50	5.00%	76.43	2.92	3.97%	78.47	2.03	2.66%
	5	1,500	164.75	172.12	7.37	4.47%	179.83	7.72	4.48%	184.78	4.95	2.75%
	5	2,500	249.78	260.62	10.84	4.34%	272.91	12.30	4.72%	280.53	7.62	2.79%
	10	1,000	130.65	136.91	6.26	4.79%	142.54	5.63	4.11%	146.37	3.83	2.69%
	10	3,000	317.78	332.23	14.45	4.55%	347.42	15.19	4.57%	357.05	9.62	2.77%
	10	5,000	487.38	508.78	21.40	4.39%	533.13	24.35	4.79%	548.10	14.97	2.81%
	20	2,000	250.04	262.28	12.24	4.90%	273.29	11.01	4.20%	280.69	7.40	2.71%
	20	6,000	623.37	652.01	28.64	4.59%	682.15	30.14	4.62%	701.13	18.98	2.78%
	20	10,000	962.57	1,005.09	42.52	4.42%	1,053.56	48.46	4.82%	1,083.22	29.67	2.82%
	30	3,000	368.96	387.19	18.23	4.94%	403.59	16.40	4.24%	414.56	10.96	2.72%
	30	9,000	928.96	971.78	42.82	4.61%	1,016.87	45.09	4.64%	1,045.21	28.34	2.79%
	30	15,000	1,437.77	1,501.41	63.64	4.43%	1,573.99	72.57	4.83%	1,618.35	44.36	2.82%
	40	4,000	487.89	512.11	24.22	4.96%	533.89	21.78	4.25%	548.42	14.53	2.72%
	40	12,000	1,234.55	1,291.56	57.01	4.62%	1,351.60	60.04	4.65%	1,389.29	37.69	2.79%
	40	20,000	1,910.16	1,994.93	84.77	4.44%	2,091.62	96.68	4.85%	2,150.68	59.06	2.82%
	50	5,000	606.81	637.02	30.21	4.98%	664.19	27.17	4.26%	682.28	18.10	2.72%
	50	15,000	1,540.14	1,611.33	71.19	4.62%	1,686.32	74.99	4.65%	1,733.37	47.05	2.79%
	50	25,000	2,382.55	2,488.45	105.90	4.44%	2,609.24	120.80	4.85%	2,683.01	73.76	2.83%
RLM												
Winter	5	500	70.01	69.69	(0.32)	-0.46%	72.41	2.72	3.91%	74.22	1.80	2.49%
	5	1,500	159.88	160.64	0.76	0.48%	167.77	7.13	4.44%	172.03	4.26	2.54%
	5	2,500	238.42	241.49	3.07	1.29%	252.81	11.32	4.69%	259.28	6.47	2.56%
	10	1,000	122.89	123.45	0.56	0.45%	128.56	5.11	4.14%	131.79	3.23	2.51%
	10	3,000	284.75	291.84	7.09	2.49%	305.48	13.64	4.67%	313.30	7.82	2.56%
	10	5,000	441.37	453.08	11.71	2.65%	475.10	22.02	4.86%	487.34	12.24	2.58%
	20	2,000	211.23	217.91	6.68	3.16%	227.50	9.59	4.40%	233.27	5.77	2.54%
	20	6,000	534.03	553.78	19.75	3.70%	580.43	26.65	4.81%	595.37	14.94	2.57%
	20	10,000	847.26	876.26	29.00	3.42%	919.68	43.41	4.95%	943.47	23.79	2.59%
	30	3,000	299.11	311.91	12.80	4.28%	325.99	14.08	4.51%	334.30	8.31	2.55%
	30	9,000	783.31	815.71	32.40	4.14%	855.38	39.66	4.86%	877.44	22.07	2.58%
	30	15,000	1,253.16	1,299.44	46.28	3.69%	1,364.25	64.81	4.99%	1,399.59	35.34	2.59%
	40	4,000	386.98	405.91	18.93	4.89%	424.48	18.56	4.57%	435.32	10.85	2.56%
	40	12,000	1,032.59	1,077.65	45.06	4.36%	1,130.33	52.68	4.89%	1,159.52	29.19	2.58%
	40	20,000	1,656.25	1,719.82	63.57	3.84%	1,806.03	86.20	5.01%	1,852.91	46.88	2.60%
	50	5,000	474.86	499.92	25.06	5.28%	522.97	23.05	4.61%	536.35	13.38	2.56%
	50	15,000	1,281.87	1,339.59	57.72	4.50%	1,405.28	65.69	4.90%	1,441.59	36.32	2.58%
	50	25,000	2,059.35	2,140.20	80.85	3.93%	2,247.80	107.60	5.03%	2,306.23	58.43	2.60%
RS-ES		0.13										
Peak - 13%		0.87										
Off Peak - 87%	1,000	96.01	93.79	(2.22)	-2.31%	98.10	4.30	4.59%	100.40	2.31	2.35%	
	2,000	183.61	178.19	(5.42)	-2.95%	186.60	8.41	4.72%	190.99	4.39	2.35%	
	3,000	270.75	262.12	(8.63)	-3.19%	274.64	12.52	4.78%	281.12	6.48	2.36%	
	4,000	357.88	346.05	(11.83)	-3.30%	362.68	16.63	4.80%	371.25	8.57	2.36%	
	5,000	445.02	429.99	(15.03)	-3.38%	450.72	20.73	4.82%	461.38	10.66	2.36%	
	6,000	532.16	513.92	(18.24)	-3.43%	538.76	24.84	4.83%	551.51	12.75	2.37%	
	7,000	619.29	597.85	(21.44)	-3.46%	626.80	28.95	4.84%	641.64	14.84	2.37%	
	8,000	706.43	681.78	(24.65)	-3.49%	714.84	33.06	4.85%	731.77	16.92	2.37%	
RS-ES		0.18										
Peak - 18%		0.82										
Off Peak - 82%	1,000	100.42	98.36	(2.06)	-2.05%	102.80	4.43	4.51%	105.25	2.45	2.39%	
	2,000	192.43	187.33	(5.10)	-2.65%	196.00	8.67	4.63%	200.69	4.69	2.39%	
	3,000	283.98	275.83	(8.15)	-2.87%	288.74	12.91	4.68%	295.67	6.93	2.40%	
	4,000	375.52	364.33	(11.19)	-2.98%	381.48	17.15	4.71%	390.64	9.17	2.40%	
	5,000	467.07	452.83	(14.24)	-3.05%	474.22	21.38	4.72%	485.62	11.40	2.40%	
	6,000	558.62	541.34	(17.28)	-3.09%	566.96	25.62	4.73%	580.60	13.64	2.41%	
	7,000	650.17	629.84	(20.33)	-3.13%	659.70	29.86	4.74%	675.57	15.88	2.41%	
	8,000	741.71	718.34	(23.37)	-3.15%	752.44	34.10	4.75%	770.55	18.11	2.41%	
RS-ES		0.3										
Peak - 30%		0.7										
Off Peak - 70%	1,000	111.01	109.33	(1.68)	-1.51%	114.08	4.74	4.34%	116.89	2.81	2.46%	
	2,000	213.60	209.26	(4.34)	-2.03%	218.55	9.29	4.44%	223.96	5.40	2.47%	
	3,000	315.73	308.73	(7.00)	-2.22%	322.57	13.84	4.48%	330.57	8.00	2.48%	

COLUMBUS SOUTHERN POWER COMPANY
Case Nos. 11-346-EL-SSO and 11-348-EL-SSO
Typical Bill Comparison
(Annualized)

Rate Code	Level of Demand (A)	Level of Usage (B)	Current Total Bill (C)	2012 Total Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	2013 Total Bill (G)	Dollar Increase (H=G-D)	% Increase (I = H÷D)	2014/2015 Total Bill (J)	Dollar Increase (K=J-G)	% Increase (L = K÷G)	
GS-1													
Unmetered		50	11.86	13.33	1.47	12.39%	13.38	0.05	0.35%	13.45	0.08	0.59%	
		100	17.12	19.53	2.41	14.08%	19.52	(0.01)	-0.07%	19.56	0.04	0.20%	
		150	22.39	25.73	3.34	14.92%	25.66	(0.07)	-0.28%	25.66	(0.00)	0.00%	
		200	27.66	31.93	4.27	15.44%	31.80	(0.13)	-0.42%	31.76	(0.04)	-0.13%	
		400	48.73	56.73	8.00	16.43%	56.36	(0.37)	-0.66%	56.16	(0.20)	-0.36%	
		700	80.33	93.94	13.61	16.94%	93.21	(0.73)	-0.78%	92.77	(0.44)	-0.47%	
		1,000	111.93	131.14	19.21	17.17%	130.05	(1.09)	-0.83%	129.37	(0.68)	-0.52%	
		1,500	164.60	193.15	28.55	17.35%	191.46	(1.69)	-0.87%	190.38	(1.08)	-0.57%	
		2,000	217.27	255.16	37.89	17.44%	252.87	(2.29)	-0.90%	251.39	(1.48)	-0.59%	
		4,000	427.04	502.27	75.23	17.62%	497.59	(4.68)	-0.93%	494.51	(3.09)	-0.62%	
GS-1		200	37.35	35.13	(2.22)	-5.94%	35.07	(0.06)	-0.18%	35.11	0.04	0.10%	
		400	65.26	59.94	(5.32)	-8.16%	59.63	(0.30)	-0.50%	59.51	(0.12)	-0.21%	
		600	93.17	84.74	(8.43)	-9.05%	84.20	(0.54)	-0.64%	83.91	(0.28)	-0.34%	
		800	121.08	109.54	(11.54)	-9.53%	108.76	(0.78)	-0.71%	108.32	(0.44)	-0.41%	
		1,000	148.99	134.35	(14.64)	-9.83%	133.33	(1.02)	-0.76%	132.72	(0.60)	-0.45%	
		1,200	170.14	159.15	(10.99)	-6.46%	157.89	(1.26)	-0.79%	157.13	(0.76)	-0.48%	
		1,600	212.43	208.76	(3.67)	-1.73%	207.02	(1.74)	-0.83%	205.93	(1.09)	-0.52%	
		1,800	233.57	233.56	(0.01)	0.00%	231.58	(1.98)	-0.85%	230.34	(1.25)	-0.54%	
		2,000	254.72	258.36	3.64	1.43%	256.15	(2.22)	-0.86%	254.74	(1.41)	-0.55%	
		2,400	296.82	307.78	10.96	3.69%	305.09	(2.69)	-0.88%	303.36	(1.73)	-0.57%	
		3,000	359.98	381.92	21.94	6.09%	378.51	(3.41)	-0.89%	376.30	(2.21)	-0.58%	
		3,200	381.04	406.63	25.59	6.72%	402.98	(3.65)	-0.90%	400.61	(2.37)	-0.59%	
		4,000	465.25	505.47	40.22	8.65%	500.87	(4.61)	-0.91%	497.86	(3.01)	-0.60%	
GS-2		10	2,500	334.26	361.21	26.95	8.06%	358.57	(2.64)	-0.73%	356.90	(1.67)	-0.46%
Secondary		10	3,000	386.79	409.80	23.01	5.95%	406.31	(3.49)	-0.85%	403.95	(2.36)	-0.58%
		50	12,500	1,618.48	1,748.25	129.77	8.02%	1,734.06	(14.19)	-0.81%	1,724.63	(9.43)	-0.54%
		50	15,000	1,881.16	1,991.21	110.05	5.85%	1,972.77	(18.43)	-0.93%	1,959.87	(12.90)	-0.65%
		100	25,000	3,218.16	3,476.44	258.28	8.03%	3,447.82	(28.62)	-0.82%	3,428.68	(19.14)	-0.56%
		100	30,000	3,740.71	3,959.57	218.86	5.85%	3,922.45	(37.12)	-0.94%	3,896.37	(26.08)	-0.67%
		250	62,500	8,013.01	8,656.83	643.82	8.03%	8,584.91	(71.92)	-0.83%	8,536.65	(48.27)	-0.56%
		250	75,000	9,319.38	9,864.64	545.26	5.85%	9,771.48	(93.16)	-0.94%	9,705.85	(65.62)	-0.67%
		500	125,000	16,004.41	17,290.81	1,286.40	8.04%	17,146.73	(144.08)	-0.83%	17,049.92	(96.81)	-0.56%
		500	150,000	18,617.15	19,706.42	1,089.27	5.85%	19,519.85	(186.57)	-0.95%	19,388.33	(131.52)	-0.67%
		750	187,500	23,995.82	25,924.78	1,928.96	8.04%	25,708.54	(216.24)	-0.83%	25,563.19	(145.35)	-0.57%
		750	225,000	27,914.93	29,548.21	1,633.28	5.85%	29,268.23	(279.98)	-0.95%	29,070.81	(197.42)	-0.67%
		1,000	250,000	31,987.22	34,558.76	2,571.54	8.04%	34,270.36	(288.40)	-0.83%	34,076.46	(193.89)	-0.57%
		1,000	300,000	37,212.71	39,389.99	2,177.28	5.85%	39,016.61	(373.38)	-0.95%	38,753.29	(263.32)	-0.67%
		2,000	500,000	63,952.84	69,094.67	5,141.83	8.04%	68,517.62	(577.06)	-0.84%	68,129.55	(388.06)	-0.57%
		2,000	600,000	74,403.81	78,757.13	4,353.32	5.85%	78,010.12	(747.02)	-0.95%	77,483.21	(526.91)	-0.68%
GS-2		50	5,000	882.28	1,062.42	180.14	20.42%	1,061.52	(0.91)	-0.09%	1,063.06	1.54	0.15%
Primary		50	8,750	1,267.94	1,429.71	161.77	12.76%	1,422.84	(6.87)	-0.48%	1,419.67	(3.18)	-0.22%
		50	12,500	1,653.60	1,789.35	135.75	8.21%	1,776.17	(13.18)	-0.74%	1,767.82	(8.34)	-0.47%
		100	10,000	1,633.70	1,978.04	344.34	21.08%	1,973.07	(4.96)	-0.25%	1,972.66	(0.42)	-0.02%
		100	17,500	2,403.61	2,711.21	307.60	12.80%	2,694.32	(16.89)	-0.62%	2,684.47	(9.85)	-0.37%
		100	25,000	3,170.72	3,426.28	255.56	8.06%	3,396.77	(29.51)	-0.86%	3,376.58	(20.19)	-0.59%
		250	25,000	3,882.34	4,719.28	836.94	21.56%	4,702.13	(17.14)	-0.36%	4,695.84	(6.30)	-0.13%
		250	43,750	5,800.12	6,545.20	745.08	12.85%	6,498.26	(46.95)	-0.72%	6,468.37	(29.89)	-0.46%
		250	62,500	7,717.90	8,332.88	614.98	7.97%	8,254.38	(78.50)	-0.94%	8,198.64	(55.74)	-0.68%
		500	50,000	7,625.41	9,283.34	1,657.93	21.74%	9,245.90	(37.43)	-0.40%	9,229.81	(16.09)	-0.17%
		500	87,500	11,460.97	12,935.19	1,474.22	12.86%	12,838.15	(97.04)	-0.75%	12,774.86	(63.29)	-0.49%
		500	125,000	15,296.52	16,510.55	1,214.03	7.94%	16,350.40	(160.15)	-0.97%	16,235.42	(114.98)	-0.70%
		1,000	100,000	15,111.55	18,411.47	3,299.92	21.84%	18,333.44	(78.02)	-0.42%	18,297.75	(35.69)	-0.19%
		1,000	175,000	22,782.66	25,715.18	2,932.52	12.87%	25,517.94	(197.24)	-0.77%	25,387.86	(130.07)	-0.51%
		1,000	250,000	30,453.78	32,865.89	2,412.11	7.92%	32,542.43	(323.46)	-0.98%	32,308.97	(233.46)	-0.72%
		1,500	150,000	22,597.69	27,539.60	4,941.91	21.87%	27,420.98	(118.61)	-0.43%	27,365.69	(55.29)	-0.20%
		1,500	262,500	34,104.36	38,495.16	4,390.80	12.87%	38,197.72	(297.44)	-0.77%	38,000.86	(196.86)	-0.52%
		1,500	375,000	45,611.03	49,221.23	3,610.20	7.92%	48,734.46	(486.77)	-0.99%	48,382.52	(351.94)	-0.72%
		2,000	200,000	30,083.83	36,667.72	6,583.89	21.89%	36,508.52	(159.20)	-0.43%	36,433.64	(74.89)	-0.21%
		2,000	350,000	45,426.05	51,275.14	5,849.09	12.88%	50,877.51	(397.64)	-0.78%	50,613.85	(263.65)	-0.52%
		2,000	500,000	60,768.28	65,576.56	4,808.28	7.91%	64,926.49	(650.08)	-0.99%	64,456.07	(470.42)	-0.72%
		3,000	300,000	45,056.11	54,923.98	9,867.87	21.90%	54,683.60	(240.37)	-0.44%	54,569.52	(114.08)	-0.21%
		3,000	525,000	68,069.45	76,835.11	8,765.66	12.88%	76,237.08	(598.03)	-0.78%	75,839.85	(397.23)	-0.52%
		3,000	750,000	91,082.79	98,287.24	7,204.45	7.91%	97,310.55	(976.69)	-0.99%	96,603.17	(707.38)	-0.73%
GS-3		50	17,500	1,904.72	1,938.24	33.52	1.76%	1,942.50	4.26	0.22%	1,970.20	27.70	1.43%
Secondary		50	22,500	2,171.03	2,214.71	43.68	2.01%	2,215.52	0.82	0.04%	2,245.70	30.18	1.36%
		50	27,500	2,437.34	2,452.23	14.89	0.61%	2,447.64	(4.58)	-0.19%	2,477.98	30.34	1.24%
		100	35,000	3,666.02	3,716.59	50.57	1.38%	3,721.86	5.27	0.14%	3,773.64	51.77	1.39%
		100	45,000	4,198.63	4,269.53	70.90	1.69%	4,267.91	(1.62)	-0.04%	4,324.65	56.74	1.33%
		100	55,000	4,731.25	4,744.57	13.32	0.28%	4,732.15	(12.42)	-0.26%	4,789.20	57.05	1.21%
		250	87,500	8,949.91	9,051.66	101.75	1.14%	9,059.95	8.29	0.09%	9,183.96	124.01	1.37%
		250	112,500	10,281.45	10,434.00	152.55	1.48%	10,425.06	(8.95)	-0.09%	10,561.48	136.42	1.31%
		250	137,500	11,613.00	11,621.60	8.60	0.07%	11,585.67	(35.94)	-0.31%	11,722.88	137.21	1.18%
		500	175,000	17,756.39	17,943.43	187.04	1.05%	17,956.76	13.33	0.07%	18,201.16	244.40	1.36%
		500	225,000	20,419.48	20,708.13	288.65	1.41%	20,686.98	(21.15)	-0.10%	20,956.20	269.23	1.30%
		500	275,000	23,082.57	23,083.32	0.75	0.00%	23,008.20	(75.13)	-0.33%	23,279.00	270.80	1.18%
		1,000	350,000	35,369.36	35,726.98	357.62	1.01%	35,750.39	23.41	0.07%	36,235.57	485.18	1.36%
		1,000	450,000	40,695.54	41,256.37	560.83	1.38%	41,210.82	(45.55)	-0.11%	41,745.65	534.83	1.30%

COLUMBUS SOUTHERN POWER COMPANY
Case Nos. 11-346-EL-SSO and 11-348-EL-SSO
Typical Bill Comparison
(Annualized)

Rate Code	Level of Demand (A)	Level of Usage (B)	Current Total Bill (C)	2012 Total Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	2013 Total Bill (G)	Dollar Increase (H=G-D)	% Increase (I = H÷D)	2014/2015 Total Bill (J)	Dollar Increase (K=J-G)	% Increase (L = K÷G)	
GS-3													
Primary		50	17,500	1,979.96	2,027.57	47.61	2.40%	2,033.95	6.38	0.31%	2,063.93	29.99	1.47%
		50	22,500	2,240.09	2,294.30	54.21	2.42%	2,297.08	2.78	0.12%	2,329.38	32.29	1.41%
		50	27,500	2,500.22	2,523.44	23.22	0.93%	2,520.75	(2.69)	-0.11%	2,553.10	32.35	1.28%
		100	35,000	3,654.53	3,713.06	58.53	1.60%	3,718.56	5.50	0.15%	3,770.47	51.91	1.40%
		100	45,000	4,174.78	4,246.53	71.75	1.72%	4,244.84	(1.69)	-0.04%	4,301.36	56.52	1.33%
		100	55,000	4,695.04	4,704.80	9.76	0.21%	4,692.16	(2.64)	-0.27%	4,748.80	56.64	1.21%
		250	87,500	8,678.23	8,769.54	91.31	1.05%	8,772.41	2.87	0.03%	8,890.09	117.68	1.34%
		250	112,500	9,978.87	10,103.22	124.35	1.25%	10,088.10	(15.12)	-0.15%	10,217.32	129.22	1.28%
		250	137,500	11,279.52	11,248.90	(30.62)	-0.27%	11,206.42	(42.48)	-0.38%	11,335.93	129.51	1.16%
		500	175,000	17,051.07	17,197.01	145.94	0.86%	17,195.50	(1.51)	-0.01%	17,422.79	227.29	1.32%
		500	225,000	19,652.36	19,864.37	212.01	1.08%	19,826.88	(37.49)	-0.19%	20,077.25	250.37	1.26%
		500	275,000	22,253.65	22,155.73	(97.92)	-0.44%	22,063.51	(92.22)	-0.42%	22,314.46	250.95	1.14%
		1,000	350,000	33,796.75	34,051.95	255.20	0.76%	34,041.67	(10.28)	-0.03%	34,488.20	446.52	1.31%
		1,000	450,000	38,999.33	39,386.67	387.34	0.99%	39,304.43	(82.24)	-0.21%	39,797.11	492.68	1.25%
		1,000	550,000	44,201.90	43,969.39	(232.51)	-0.53%	43,777.70	(191.70)	-0.44%	44,271.53	493.83	1.13%
		2,000	700,000	67,288.12	67,761.83	473.71	0.70%	67,734.02	(27.82)	-0.04%	68,619.00	884.98	1.31%
		2,000	900,000	77,552.58	78,290.59	738.01	0.95%	78,118.85	(171.73)	-0.22%	79,096.15	977.29	1.25%
		2,000	1,100,000	87,537.76	87,036.07	(501.69)	-0.57%	86,645.42	(390.65)	-0.45%	87,625.02	979.61	1.13%
		4,000	1,400,000	133,080.26	133,991.01	910.75	0.68%	133,928.12	(62.89)	-0.05%	135,690.02	1,761.90	1.32%
		4,000	1,800,000	153,050.63	154,489.97	1,439.34	0.94%	154,139.24	(350.72)	-0.23%	156,085.77	1,946.53	1.26%
		4,000	2,200,000	173,021.00	171,980.93	(1,040.07)	-0.60%	171,192.37	(788.56)	-0.46%	173,143.52	1,951.15	1.14%
		8,000	2,800,000	264,106.00	265,890.81	1,784.81	0.68%	265,757.78	(133.03)	-0.05%	269,273.52	3,515.74	1.32%
		8,000	3,600,000	304,046.74	306,888.73	2,841.99	0.93%	306,180.03	(708.70)	-0.23%	310,065.02	3,884.99	1.26%
		8,000	4,400,000	343,987.48	341,870.66	(2,116.82)	-0.62%	340,286.28	(1,584.38)	-0.46%	344,180.52	3,894.24	1.14%
		10,000	3,500,000	329,618.87	331,840.71	2,221.84	0.67%	331,672.61	(168.10)	-0.05%	336,065.27	4,392.66	1.32%
		10,000	4,500,000	379,544.80	383,088.11	3,543.31	0.93%	382,200.42	(887.70)	-0.23%	387,054.65	4,854.23	1.27%
		10,000	5,500,000	429,470.72	426,815.52	(2,655.20)	-0.62%	424,833.23	(1,982.29)	-0.46%	429,699.02	4,865.79	1.15%
GS-4		3,000	600,000	71,575.58	60,524.23	(11,051.35)	-15.44%	61,312.55	788.32	1.30%	62,904.79	1,592.25	2.60%
		3,000	1,200,000	99,114.74	86,064.26	(13,050.48)	-13.17%	87,287.83	1,223.56	1.42%	90,276.01	2,988.18	3.42%
		3,000	1,800,000	126,164.66	103,321.05	(22,843.61)	-18.11%	104,694.86	1,373.81	1.33%	108,508.98	3,814.12	3.64%
		5,000	1,000,000	105,799.21	99,922.84	(5,876.37)	-5.55%	101,223.70	1,300.86	1.30%	103,862.99	2,639.29	2.61%
		5,000	2,000,000	150,882.41	141,674.14	(9,208.27)	-6.10%	143,700.41	2,026.27	1.43%	148,666.26	4,965.85	3.46%
		5,000	3,000,000	195,965.60	170,435.45	(25,530.15)	-13.03%	172,712.12	2,276.67	1.34%	179,054.53	6,342.41	3.67%
		8,000	1,600,000	156,400.79	158,286.87	1,886.08	1.21%	160,356.54	2,069.67	1.31%	164,566.39	4,209.85	2.63%
		8,000	3,200,000	228,533.90	225,088.96	(3,444.94)	-1.51%	228,319.28	3,230.32	1.44%	236,251.63	7,932.35	3.47%
		8,000	4,800,000	300,667.00	271,107.04	(29,559.96)	-9.83%	274,738.02	3,630.97	1.34%	284,872.87	10,134.86	3.69%
		10,000	2,000,000	190,135.18	197,196.23	7,061.05	3.71%	199,778.44	2,582.21	1.31%	205,035.33	5,256.90	2.63%
		10,000	4,000,000	280,301.56	280,698.84	397.28	0.14%	284,731.86	4,033.02	1.44%	294,641.88	9,910.02	3.48%
		10,000	6,000,000	370,467.94	338,221.44	(32,246.50)	-8.70%	342,755.28	4,533.84	1.34%	355,418.43	12,663.15	3.69%
		15,000	3,000,000	274,471.14	294,469.62	19,998.48	7.29%	298,333.17	3,863.56	1.31%	306,207.67	7,874.51	2.64%
		15,000	6,000,000	409,720.71	419,723.53	10,002.82	2.44%	425,763.31	6,039.78	1.44%	440,617.50	14,854.19	3.49%
		15,000	9,000,000	544,970.29	506,007.44	(38,962.85)	-7.15%	512,798.44	6,791.00	1.34%	531,782.32	18,983.88	3.70%
		20,000	4,000,000	358,807.10	391,743.01	32,935.91	9.18%	396,887.91	5,144.90	1.31%	407,380.02	10,492.11	2.64%
		20,000	8,000,000	539,139.87	558,748.22	19,608.35	3.64%	566,794.76	8,046.53	1.44%	586,593.12	19,798.37	3.49%
		20,000	12,000,000	719,472.63	673,793.44	(45,679.19)	-6.35%	682,841.60	9,048.16	1.34%	708,146.22	25,304.62	3.71%
		30,000	6,000,000	527,479.03	586,289.79	58,810.76	11.15%	593,997.39	7,707.60	1.31%	609,724.72	15,727.33	2.65%
		30,000	12,000,000	797,978.18	836,797.61	38,819.43	4.86%	848,857.65	12,060.04	1.44%	878,544.36	29,686.71	3.50%
		30,000	18,000,000	1,068,477.33	1,009,365.44	(59,111.89)	-5.53%	1,022,927.92	13,562.48	1.34%	1,060,874.01	37,946.09	3.71%
AL	Lamp Size												
	Mercury Vapor												
	100 WATT	43	9.08	11.13	2.05	22.57%	11.20	0.07	0.62%	11.31	0.11	1.00%	
	175 WATT	72	10.54	14.26	3.72	35.33%	14.28	0.02	0.14%	14.37	0.08	0.57%	
	400 WATT	158	18.47	25.54	7.07	38.26%	25.45	(0.08)	-0.32%	25.49	0.04	0.15%	
	POST TOP 175 WATT	72	16.65	21.14	4.49	26.97%	21.31	0.17	0.81%	21.56	0.25	1.17%	
	High Pressure Sodium												
	100 WATT	40	8.87	10.11	1.24	13.93%	10.17	0.06	0.58%	10.26	0.10	0.97%	
	150 WATT	59	10.61	12.30	1.69	15.92%	12.33	0.03	0.24%	12.41	0.08	0.66%	
	200 WATT	84	13.93	16.02	2.09	14.98%	16.03	0.01	0.06%	16.11	0.08	0.50%	
	250 WATT	103	15.30	17.95	2.65	17.31%	17.92	(0.03)	-0.14%	17.98	0.06	0.31%	
	400 WATT	167	20.19	25.53	5.34	26.45%	25.41	(0.12)	-0.47%	25.41	0.00	0.00%	
	POST TOP 100 WATT	40	16.79	17.63	0.84	5.00%	17.85	0.22	1.27%	18.14	0.28	1.58%	
	POST TOP 150 WATT	59	18.66	19.84	1.18	6.30%	20.03	0.20	0.98%	20.30	0.27	1.32%	
	CUT OFF 100 WATT	40	12.29	13.94	1.65	13.45%	14.09	0.14	1.03%	14.28	0.19	1.36%	
	CUT OFF 250 WATT	103	21.28	23.17	1.89	8.87%	23.26	0.09	0.39%	23.44	0.18	0.79%	
	CUT OFF 400 WATT	167	23.16	30.39	7.23	31.21%	30.38	(0.01)	-0.04%	30.50	0.12	0.40%	
	FLOODLIGHT												
	High Pressure Sodium												
	100 WATT	40	9.46	10.58	1.12	11.83%	10.65	0.07	0.66%	10.76	0.11	1.03%	
	250 WATT	103	17.40	18.19	0.79	4.51%	18.17	(0.02)	-0.11%	18.23	0.06	0.34%	
	400 WATT	167	24.33	25.28	0.95	3.91%	25.16	(0.12)	-0.49%	25.15	(0.00)	0.00%	
	1,000 WATT	378	62.65	47.60	(15.05)	-24.02%	47.11	(0.49)	-1.04%	46.87	(0.24)	-0.51%	
	Metal Halide												
	250 WATT	100	18.20	19.20	1.00	5.52%	19.22	0.01	0.08%	19.32	0.10	0.51%	
	400 WATT	158	23.95	25.24	1.29	5.37%	25.15	(0.09)	-0.35%	25.18	0.03	0.12%	
	1,000 WATT	378	62.60	47.54	(15.06)	-24.06%	47.05	(0.49)	-1.04%	46.81	(0.24)	-0.51%	
	FACILITY CHARGES												
	Mast Arm												
	8 FT.	0	0.63	0.71	0.08	12.71%	0.73	0.02	2.20%	0.74	0.02	2.39%	
	12 FT.	0	1										

COLUMBUS SOUTHERN POWER COMPANY
Case Nos. 11-346-EL-SSO and 11-348-EL-SSO
Typical Bill Comparison
(Annualized)

Rate Code	Level of Demand (A)	Level of Usage (B)	Current Total Bill (C)	2012 Total Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	2013 Total Bill (G)	Dollar Increase (H=G-D)	% Increase (I = H÷D)	2014/2015 Total Bill (J)	Dollar Increase (K=J-G)	% Increase (L = K÷G)
SL	High Pressure Sodium											
	100 WATT	40	11.49	13.32	1.83	15.89%	13.46	0.14	1.08%	13.64	0.18	1.32%
	150 WATT	59	13.40	15.78	2.38	17.78%	15.93	0.15	0.95%	16.13	0.19	1.22%
	200 WATT	84	16.97	20.22	3.25	19.18%	20.41	0.19	0.92%	20.66	0.25	1.20%
	250 WATT	103	18.99	22.82	3.83	20.15%	23.01	0.20	0.86%	23.28	0.26	1.15%
	400 WATT	167	23.59	29.06	5.47	23.20%	29.24	0.17	0.60%	29.51	0.27	0.92%
	CUT OFF 100 WATT	40	14.66	16.88	2.22	15.13%	17.10	0.22	1.31%	17.36	0.26	1.55%
	CUT OFF 250 WATT	103	24.04	28.50	4.46	18.54%	28.82	0.32	1.12%	29.22	0.40	1.40%
	CUT OFF 400 WATT	167	31.81	38.31	6.50	20.42%	38.68	0.38	0.98%	39.18	0.50	1.28%
	Mercury Vapor											
	100 WATT	43	11.01	12.82	1.81	16.44%	12.94	0.12	0.97%	13.10	0.16	1.23%
	175 WATT	72	13.40	16.00	2.60	19.42%	16.13	0.12	0.77%	16.30	0.17	1.05%
	400 WATT	158	22.32	27.49	5.17	23.14%	27.65	0.16	0.59%	27.90	0.25	0.91%
	FACILITY CHARGES											
	Mast Arm											
	12 FT.	0	1.11	1.25	0.14	12.23%	1.27	0.03	2.20%	1.30	0.03	2.39%
	16 FT.	0	1.47	1.66	0.19	12.71%	1.69	0.04	2.20%	1.73	0.04	2.39%
	20 FT.	0	2.58	2.90	0.32	12.50%	2.97	0.06	2.20%	3.04	0.07	2.39%
	Poles											
	Wood	0	1.26	1.42	0.16	12.71%	1.45	0.03	2.20%	1.49	0.03	2.39%
	Aluminum	0	13.11	14.75	1.64	12.51%	15.07	0.32	2.20%	15.43	0.36	2.39%
	Fiberglass	0	19.55	21.99	2.44	12.47%	22.47	0.48	2.20%	23.01	0.54	2.39%
	Each additional 150 foot overhead wire span	0	0.74	0.83	0.09	12.79%	0.85	0.02	2.20%	0.87	0.02	2.39%
	Each additional riser pole connection	0	3.79	4.26	0.47	12.41%	4.35	0.09	2.20%	4.46	0.10	2.39%
	Each underground lateral not over 50 feet	0	1.21	1.36	0.15	12.22%	1.39	0.03	2.20%	1.42	0.03	2.39%

OHIO POWER COMPANY
Case Nos. 11-346-EL-SSO and 11-348-EL-SSO
Typical Bill Comparison
(Annualized)

Rate Code	Level of Demand (A)	Level of Usage (B)	Current Total Bill (C)	2012 Total Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	2013 Total Bill (G)	Dollar Increase (H=G-D)	% Increase (I = H÷D)	2014/2015 Total Bill (J)	Dollar Increase (K=J-G)	% Increase (L = K÷G)
RS		0	4.36	4.89	0.53	12.10%	5.00	0.10	2.14%	5.11	0.12	2.32%
		30	7.76	8.34	0.58	7.49%	8.59	0.24	2.92%	8.78	0.20	2.32%
		70	12.29	12.94	0.65	5.31%	13.37	0.43	3.32%	13.68	0.31	2.31%
		120	17.95	18.69	0.74	4.13%	19.35	0.66	3.54%	19.80	0.45	2.31%
		200	27.00	27.89	0.88	3.27%	28.92	1.03	3.71%	29.59	0.67	2.31%
		300	38.32	39.38	1.06	2.77%	40.88	1.50	3.80%	41.82	0.94	2.31%
		500	60.96	62.37	1.42	2.33%	64.80	2.43	3.89%	66.30	1.49	2.31%
		800	94.91	96.86	1.95	2.06%	100.68	3.82	3.94%	103.00	2.32	2.31%
		1,000	115.12	118.21	3.08	2.68%	122.92	4.71	3.99%	125.75	2.83	2.30%
		1,200	135.33	139.55	4.22	3.12%	145.16	5.61	4.02%	148.50	3.35	2.30%
		1,500	165.65	171.56	5.92	3.57%	178.51	6.95	4.05%	182.62	4.11	2.30%
		2,000	216.17	224.92	8.75	4.05%	234.10	9.18	4.08%	239.49	5.39	2.30%
		4,000	417.35	437.42	20.07	4.81%	455.54	18.12	4.14%	466.06	10.51	2.31%
		5,000	517.94	543.67	25.73	4.97%	566.26	22.59	4.15%	579.34	13.07	2.31%
		8,000	819.71	862.43	42.72	5.21%	898.43	36.00	4.17%	919.18	20.76	2.31%
		10,000	1,020.89	1,074.93	54.05	5.29%	1,119.87	44.93	4.18%	1,145.74	25.88	2.31%
		12,000	1,222.07	1,287.44	65.37	5.35%	1,341.31	53.87	4.18%	1,372.31	31.00	2.31%
		15,000	1,523.84	1,606.19	82.36	5.40%	1,673.47	67.28	4.19%	1,712.15	38.68	2.31%
RS												
SWH	80 gal.	500	50.40	52.16	1.76	3.49%	54.29	2.13	4.08%	55.44	1.15	2.12%
	80 gal.	800	84.36	86.65	2.29	2.72%	90.17	3.52	4.16%	92.15	1.98	2.20%
	80 gal.	1,000	106.99	109.64	2.65	2.47%	114.10	4.45	4.06%	116.63	2.53	2.22%
	80 gal.	1,500	158.13	163.41	5.29	3.34%	170.11	6.70	4.10%	173.93	3.82	2.25%
	80 gal.	2,000	208.65	216.77	8.12	3.89%	225.70	8.93	4.12%	230.80	5.10	2.26%
	80 gal.	4,000	409.83	429.27	19.44	4.74%	447.14	17.87	4.16%	457.36	10.22	2.29%
	80 gal.	6,000	611.01	641.78	30.77	5.04%	668.58	26.81	4.18%	683.92	15.34	2.29%
	80 gal.	8,000	812.19	854.28	42.09	5.18%	890.02	35.74	4.18%	910.49	20.46	2.30%
	100 gal.	500	47.08	48.01	0.93	1.98%	49.98	1.97	4.10%	50.94	0.96	1.92%
	100 gal.	800	80.14	82.56	2.43	3.03%	85.97	3.41	4.12%	87.81	1.84	2.14%
	100 gal.	1,000	102.77	105.56	2.78	2.71%	109.89	4.33	4.11%	112.29	2.39	2.18%
	100 gal.	1,500	155.12	160.15	5.03	3.24%	166.75	6.60	4.12%	170.45	3.70	2.22%
	100 gal.	2,000	205.64	213.51	7.86	3.82%	222.34	8.83	4.14%	227.32	4.98	2.24%
	100 gal.	4,000	406.82	426.01	19.19	4.72%	443.78	17.77	4.17%	453.88	10.10	2.28%
	100 gal.	6,000	608.00	638.52	30.51	5.02%	665.22	26.70	4.18%	680.45	15.23	2.29%
	100 gal.	8,000	809.18	851.02	41.84	5.17%	886.66	35.64	4.19%	907.01	20.35	2.29%
	120 gal.	500	47.08	48.01	0.93	1.98%	49.98	1.97	4.10%	50.94	0.96	1.92%
	120 gal.	800	75.92	78.48	2.56	3.38%	81.77	3.29	4.19%	83.47	1.71	2.09%
	120 gal.	1,000	98.55	101.47	2.92	2.96%	105.69	4.22	4.16%	107.95	2.26	2.14%
	120 gal.	1,500	152.11	156.89	4.78	3.14%	163.39	6.49	4.14%	166.97	3.59	2.20%
	120 gal.	2,000	202.64	210.25	7.61	3.76%	218.98	8.73	4.15%	223.84	4.87	2.22%
	120 gal.	4,000	403.81	422.75	18.94	4.69%	440.42	17.67	4.18%	450.41	9.99	2.27%
	120 gal.	6,000	604.99	635.26	30.26	5.00%	661.86	26.60	4.19%	676.97	15.11	2.28%
	120 gal.	8,000	806.17	847.76	41.59	5.16%	883.30	35.54	4.19%	903.53	20.23	2.29%
	120 gal.	10,000	1,007.35	1,060.26	52.91	5.25%	1,104.74	44.48	4.20%	1,130.09	25.35	2.29%
RS-TOD												
On - Peak	25%	1,000	101.29	104.42	3.14	3.10%	108.68	4.26	4.08%	110.98	2.30	2.12%
Off-Peak	75%	2,000	193.84	199.06	5.22	2.69%	207.37	8.31	4.17%	211.73	4.37	2.11%
		3,000	285.94	293.24	7.30	2.55%	305.59	12.35	4.21%	312.03	6.44	2.11%
		4,000	378.03	387.42	9.38	2.48%	403.82	16.40	4.23%	412.32	8.50	2.11%
		5,000	470.13	481.59	11.46	2.44%	502.04	20.45	4.25%	512.61	10.57	2.11%
		6,000	562.23	575.77	13.54	2.41%	600.27	24.50	4.25%	612.91	12.64	2.11%
		7,000	654.32	669.95	15.63	2.39%	698.49	28.55	4.26%	713.20	14.71	2.11%
		8,000	746.42	764.13	17.71	2.37%	796.72	32.60	4.27%	813.49	16.77	2.11%
RS-TOD												
On - Peak	30%	1,000	105.60	108.53	2.93	2.77%	112.90	4.37	4.03%	115.34	2.44	2.16%
Off-Peak	70%	2,000	202.48	207.27	4.80	2.37%	215.81	8.54	4.12%	220.45	4.64	2.15%
		3,000	298.89	305.55	6.67	2.23%	318.26	12.71	4.16%	325.10	6.84	2.15%
		4,000	395.30	403.84	8.54	2.16%	420.71	16.87	4.18%	429.75	9.04	2.15%
		5,000	491.72	502.12	10.40	2.12%	523.16	21.04	4.19%	534.41	11.25	2.15%
		6,000	588.13	600.40	12.27	2.09%	625.61	25.20	4.20%	639.06	13.45	2.15%
		7,000	684.54	698.69	14.14	2.07%	728.06	29.37	4.20%	743.71	15.65	2.15%
		8,000	780.95	796.97	16.01	2.05%	830.51	33.54	4.21%	848.36	17.86	2.15%
RS-TOD												
On - Peak	35%	1,000	109.92	112.63	2.71	2.47%	117.13	4.49	3.99%	119.70	2.57	2.19%
Off-Peak	65%	2,000	211.11	215.48	4.37	2.07%	224.26	8.78	4.07%	229.17	4.91	2.19%
		3,000	311.84	317.87	6.03	1.93%	330.93	13.06	4.11%	338.18	7.25	2.19%
		4,000	412.57	420.26	7.69	1.86%	437.60	17.34	4.13%	447.19	9.59	2.19%
		5,000	513.30	522.65	9.35	1.82%	544.27	21.63	4.14%	556.20	11.92	2.19%
		6,000	614.03	625.04	11.00	1.79%	650.95	25.91	4.15%	665.21	14.26	2.19%
		7,000	714.76	727.42	12.66	1.77%	757.62	30.19	4.15%	774.22	16.60	2.19%
		8,000	815.49	829.81	14.32	1.76%	864.29	34.48	4.15%	883.23	18.94	2.19%
RS-ES												
On - Peak	15%	1,000	92.65	96.21	3.56	3.84%	100.23	4.02	4.18%	102.26	2.03	2.02%
Off-Peak	85%	2,000	176.57	182.64	6.07	3.44%	190.47	7.83	4.29%	194.30	3.83	2.01%
		3,000	260.03	268.61	8.57	3.30%	280.25	11.65	4.34%	285.88	5.62	2.01%
		4,000	343.50	354.57	11.06	3.22%	370.03	15.46	4.36%	377.45	7.42	2.01%
		5,000	426.96	440.54	13.58	3.18%	459.81	19.27	4.38%	469.03	9.22	2.00%
		6,000	510.42	526.50	16.08	3.15%	549.59	23.09	4.38%	560.61	11.01	2.00%
		7,000	593.88	612.47	18.59	3.13%	639.37	26.90	4.39%	652.18	12.81	2.00%
		8,000	677.34	698.44	21.09	3.11%	729.15	30.71	4.40%	743.76	14.61	2.00%
RS-ES												
On - Peak	20%	1,000	96.97	100.32	3.35	3.45%	104.46	4.14	4.13%	106.62	2.16	2.07%
Off-Peak	80%	2,000	185.21	190.85	5.64	3.05%	198.92	8.07	4.23%	203.02	4.10	2.06%
		3,000	272.99	280.92	7.94	2.91%	292.92	12.00	4.27%	298.95	6.03	2.06%
		4,000	360.77	370.99	10.23	2.84%	386.93	15.93	4.29%	394.89	7.96	2.06%
		5,000	448.54	461.07	12.52	2.79%	480.93	19.86	4.31%	490.82	9.89	2.06%
		6,000	536.32	551.14	14.81	2.76%	574.93	23.79	4.32%	586.76	11.83	2.06%
		7,000	624.10	641.21	17.11	2.74%	668.93	27.72	4.32%	682.69	13.76	2.06%
		8,000	711.88	731.28	19.40	2.73%	762.94	31.65	4.33%	778.63	15.69	2.06%
RS-ES												

OHIO POWER COMPANY
Case Nos. 11-346-EL-SSO and 11-348-EL-SSO
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(Annualized)

Rate Code	Level of Demand (A)	Level of Usage (B)	Current Total Bill (C)	2012 Total Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	2013 Total Bill (G)	Dollar Increase (H=G-D)	% Increase (I = H÷D)	2014/2015 Total Bill (J)	Dollar Increase (K=J-G)	% Increase (L = K÷G)
GS-1												
Unmetered		50	13.25	14.41	1.16	8.75%	14.57	0.17	1.16%	14.78	0.21	1.42%
		100	18.09	19.40	1.30	7.20%	19.53	0.13	0.69%	19.72	0.19	0.98%
		150	22.94	24.39	1.45	6.30%	24.49	0.10	0.41%	24.66	0.18	0.72%
		200	27.79	29.38	1.59	5.71%	29.44	0.07	0.23%	29.60	0.16	0.54%
		400	47.18	49.34	2.16	4.58%	49.27	(0.07)	-0.14%	49.37	0.10	0.20%
		700	76.27	79.28	3.02	3.96%	79.01	(0.27)	-0.34%	79.02	0.00	0.00%
		1,000	105.35	109.23	3.88	3.68%	108.75	(0.47)	-0.43%	108.66	(0.09)	-0.08%
		1,500	153.83	159.13	5.30	3.45%	158.32	(0.81)	-0.51%	158.08	(0.25)	-0.16%
		2,000	202.30	209.04	6.73	3.33%	207.89	(1.15)	-0.55%	207.49	(0.41)	-0.20%
		4,000	395.29	407.74	12.45	3.15%	405.25	(2.49)	-0.61%	404.22	(1.04)	-0.26%
		8,000	781.26	805.15	23.89	3.06%	799.97	(5.19)	-0.64%	797.67	(2.30)	-0.29%
		10,000	974.25	1,003.86	29.61	3.04%	997.33	(6.53)	-0.65%	994.40	(2.93)	-0.29%
		15,000	1,456.72	1,500.62	43.90	3.01%	1,490.72	(9.90)	-0.66%	1,486.22	(4.50)	-0.30%
		25,000	2,416.05	2,488.55	72.49	3.00%	2,471.91	(16.63)	-0.67%	2,464.26	(7.65)	-0.31%
GS-1-ES												
On-Peak	10%	500	55.20	63.91	8.71	15.78%	63.76	(0.15)	-0.23%	63.79	0.03	0.04%
Off-Peak	90%	1,000	93.16	108.50	15.34	16.46%	107.79	(0.71)	-0.65%	107.39	(0.40)	-0.37%
		2,000	169.09	197.68	28.59	16.91%	195.85	(1.83)	-0.93%	194.59	(1.26)	-0.65%
		4,000	320.03	375.13	55.10	17.22%	371.05	(4.08)	-1.09%	368.07	(2.99)	-0.81%
		6,000	470.97	552.58	81.60	17.33%	546.26	(6.32)	-1.14%	541.55	(4.71)	-0.86%
		8,000	621.91	730.02	108.11	17.38%	721.46	(8.56)	-1.17%	715.03	(6.43)	-0.89%
GS-1-ES												
On-Peak	15%	500	56.50	64.54	8.04	14.23%	64.42	(0.12)	-0.19%	64.48	0.06	0.09%
Off-Peak	85%	1,000	95.77	109.76	14.00	14.62%	109.11	(0.66)	-0.60%	108.77	(0.34)	-0.31%
		2,000	174.30	200.21	25.91	14.86%	198.49	(1.72)	-0.86%	197.35	(1.14)	-0.57%
		4,000	330.45	380.18	49.73	15.05%	376.33	(3.86)	-1.01%	373.59	(2.73)	-0.73%
		6,000	486.60	560.16	73.55	15.12%	554.16	(5.99)	-1.07%	549.84	(4.33)	-0.78%
		8,000	642.75	740.13	97.38	15.15%	732.00	(8.13)	-1.10%	726.08	(5.92)	-0.81%
GS-1-ES												
On-Peak	20%	500	57.80	65.17	7.37	12.75%	65.08	(0.09)	-0.14%	65.17	0.09	0.14%
Off-Peak	80%	1,000	98.37	111.03	12.66	12.86%	110.43	(0.60)	-0.54%	110.15	(0.28)	-0.25%
		2,000	179.51	202.74	23.23	12.94%	201.12	(1.61)	-0.80%	200.11	(1.01)	-0.50%
		4,000	340.87	385.24	44.37	13.02%	381.60	(3.64)	-0.95%	379.12	(2.48)	-0.65%
		6,000	502.23	567.74	65.51	13.04%	562.07	(5.67)	-1.00%	558.13	(3.94)	-0.70%
		8,000	663.60	750.24	86.65	13.06%	742.55	(7.70)	-1.03%	737.14	(5.41)	-0.73%
GS-1												
		600	73.22	76.76	3.54	4.83%	76.71	(0.04)	-0.06%	76.92	0.21	0.28%
		700	82.92	86.74	3.82	4.61%	86.63	(0.11)	-0.13%	86.81	0.18	0.21%
		800	92.61	96.72	4.11	4.44%	96.54	(0.18)	-0.18%	96.69	0.15	0.15%
		900	102.31	106.70	4.39	4.30%	106.45	(0.25)	-0.23%	106.57	0.12	0.11%
		1,200	131.39	136.64	5.25	4.00%	136.20	(0.45)	-0.33%	136.22	0.02	0.02%
		1,400	150.78	156.61	5.82	3.86%	156.02	(0.58)	-0.37%	155.98	(0.04)	-0.03%
		1,600	170.17	176.57	6.40	3.76%	175.85	(0.72)	-0.41%	175.75	(0.10)	-0.06%
		1,800	189.56	196.53	6.97	3.68%	195.68	(0.85)	-0.43%	195.51	(0.17)	-0.09%
		2,100	218.60	226.43	7.83	3.58%	225.38	(1.05)	-0.47%	225.11	(0.26)	-0.12%
		2,400	247.55	256.24	8.68	3.51%	254.98	(1.26)	-0.49%	254.62	(0.36)	-0.14%
		2,700	276.50	286.04	9.54	3.45%	284.58	(1.46)	-0.51%	284.13	(0.45)	-0.16%
		2,800	286.15	295.98	9.83	3.43%	294.45	(1.53)	-0.52%	293.97	(0.48)	-0.16%
		3,000	305.45	315.85	10.40	3.40%	314.19	(1.66)	-0.53%	313.64	(0.54)	-0.17%
		3,200	324.75	335.72	10.97	3.38%	333.92	(1.79)	-0.53%	333.31	(0.61)	-0.18%
		3,500	353.69	365.52	11.83	3.34%	363.53	(2.00)	-0.55%	362.82	(0.70)	-0.19%
		3,600	363.34	375.46	12.11	3.33%	373.39	(2.06)	-0.55%	372.66	(0.73)	-0.20%
		4,000	401.94	415.20	13.26	3.30%	412.87	(2.33)	-0.56%	412.01	(0.86)	-0.21%
		4,500	450.19	464.88	14.69	3.26%	462.20	(2.67)	-0.57%	461.19	(1.02)	-0.22%
GS-2												
Rec. Lighting		50	24.89	27.28	2.39	9.59%	27.78	0.49	1.81%	28.34	0.56	2.02%
		100	30.10	32.49	2.39	7.94%	33.01	0.52	1.60%	33.61	0.60	1.82%
		150	35.31	37.70	2.40	6.79%	38.24	0.54	1.44%	38.88	0.64	1.67%
		200	40.51	42.91	2.40	5.92%	43.48	0.57	1.32%	44.15	0.68	1.55%
		400	61.34	63.75	2.42	3.94%	64.41	0.66	1.04%	65.24	0.83	1.29%
		700	92.57	95.02	2.44	2.64%	95.82	0.80	0.85%	96.88	1.06	1.10%
		1,000	123.81	126.28	2.47	2.00%	127.23	0.95	0.75%	128.51	1.29	1.01%
		1,500	175.87	178.39	2.51	1.43%	179.57	1.18	0.66%	181.23	1.67	0.93%
		2,000	227.93	230.49	2.56	1.12%	231.91	1.42	0.62%	233.96	2.05	0.88%
		4,000	435.26	437.99	2.73	0.63%	440.36	2.37	0.54%	443.93	3.57	0.81%
		8,000	849.91	853.00	3.08	0.36%	857.26	4.26	0.50%	863.88	6.62	0.77%
		10,000	1,057.24	1,060.50	3.26	0.31%	1,065.71	5.21	0.49%	1,073.85	8.15	0.76%
		15,000	1,575.55	1,579.25	3.70	0.23%	1,586.83	7.58	0.48%	1,598.79	11.96	0.75%
		25,000	2,606.58	2,611.16	4.57	0.18%	2,623.48	12.32	0.47%	2,643.06	19.58	0.75%
GS-2												
Secondary	10	1,000	159.11	197.97	38.85	24.42%	199.71	1.74	0.88%	201.89	2.18	1.09%
	10	2,000	244.13	280.66	36.53	14.96%	282.70	2.04	0.73%	285.45	2.75	0.97%
	10	3,000	328.68	359.72	31.03	9.44%	361.88	2.17	0.60%	365.02	3.13	0.87%
	25	2,500	358.29	450.67	92.38	25.78%	454.08	3.41	0.76%	458.49	4.41	0.97%
	25	5,000	569.68	656.25	86.57	15.20%	660.40	4.15	0.63%	666.24	5.84	0.88%
	25	7,500	781.07	853.89	72.83	9.32%	858.37	4.48	0.52%	865.16	6.79	0.79%
	50	5,000	699.48	871.08	171.60	24.54%	877.27	6.19	0.71%	885.39	8.13	0.93%
	50	10,000	1,112.26	1,282.23	169.97	15.28%	1,289.91	7.68	0.60%	1,300.89	10.99	0.85%
	50	15,000	1,535.04	1,677.52	142.49	9.28%	1,685.85	8.33	0.50%	1,698.74	12.88	0.76%
	75	7,500	1,020.68	1,291.49	270.81	26.53%	1,300.45	8.96	0.69%	1,312.30	11.84	0.91%
	75	15,000	1,654.84	1,908.21	253.37	15.31%	1,919.42	11.21	0.59%	1,935.54	16.12	0.84%
	75	22,500	2,284.81	2,496.95	212.14	9.29%	2,509.13	12.18	0.49%	2,528.11	18.98	0.76%
	100	10,000	1,351.87	1,711.90	360.03	26.63%	1,723.64	11.74	0.69%	1,739.20	15.56	0.90%
	100	20,000	2,194.62	2,531.39	336.77	15.35%	2,546.13	14.74	0.58%	2,567.39	21.27	0.84%
	100	30,000	3,034.57	3,316.38	281.80	9.29%	3,332.41	16.04	0.48%	3,357.49	25.07	0.75%
	200	20,000	2,673.84	3,390.73	716.89	26.81%	3,413.59	22.86	0.67%	3,444.02	30.42	0.89%
	200	40,000	4,353.75	5,024.11	670.37	15.40%	5,052.96	28.85	0.57%	5,094.80	41.84	0.83%
	200	60,000	6,033.65	6,594.09	560.44	9.29%	6,625.54	31.45	0.48%	6,674.99	49.45	0.75%
	500	50,000	6,631.35	8,4								

OHIO POWER COMPANY
Case Nos. 11-346-EL-SSO and 11-348-EL-SSO
Typical Bill Comparison
(Annualized)

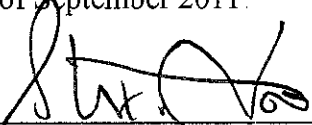
Rate Code	Level of Demand (A)	Level of Usage (B)	Current Total Bill (C)	2012 Total Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	2013 Total Bill (G)	Dollar Increase (H=G-D)	% Increase (I = H÷D)	2014/2015 Total Bill (J)	Dollar Increase (K=J-G)	% Increase (L = K÷G)	
GS-2 Primary	10	1,000	230.78	278.08	47.30	20.50%	281.54	3.46	1.25%	285.64	4.09	1.45%	
	10	2,000	313.94	358.45	44.51	14.18%	362.15	3.70	1.03%	366.76	4.60	1.27%	
	10	3,000	396.65	435.31	38.65	9.75%	439.11	3.80	0.87%	444.04	4.94	1.12%	
	25	2,500	413.08	511.54	98.46	23.84%	516.28	4.74	0.93%	522.16	5.88	1.14%	
	25	5,000	619.85	711.32	91.47	14.76%	716.86	5.54	0.75%	723.82	7.16	1.00%	
	25	7,500	826.62	903.46	76.84	9.30%	909.04	5.59	0.62%	917.03	7.99	0.88%	
	50	5,000	716.16	899.88	183.72	25.65%	906.74	6.87	0.76%	915.61	8.86	0.98%	
	50	10,000	1,129.70	1,299.44	169.74	15.03%	1,307.51	8.06	0.62%	1,318.92	11.42	0.87%	
	50	15,000	1,543.23	1,683.71	140.47	9.10%	1,692.27	8.56	0.51%	1,705.34	13.07	0.77%	
	75	7,500	1,019.24	1,288.21	268.97	26.39%	1,297.21	8.99	0.70%	1,309.05	11.84	0.91%	
	75	15,000	1,639.54	1,887.56	248.02	15.13%	1,898.35	10.79	0.57%	1,914.03	15.67	0.83%	
	75	22,500	2,255.65	2,459.76	204.11	9.05%	2,471.29	11.54	0.47%	2,489.45	18.15	0.73%	
	100	10,000	1,322.32	1,676.55	354.23	26.79%	1,687.67	11.12	0.66%	1,702.50	14.83	0.88%	
	100	20,000	2,146.59	2,472.88	326.29	15.20%	2,486.40	13.52	0.55%	2,506.33	19.93	0.80%	
	100	30,000	2,968.06	3,235.81	267.74	9.02%	3,250.32	14.51	0.45%	3,273.56	23.24	0.71%	
	200	20,000	2,531.83	3,227.09	695.26	27.46%	3,246.73	19.63	0.61%	3,273.47	26.75	0.82%	
	200	40,000	4,174.78	4,814.15	639.37	15.32%	4,838.57	24.43	0.51%	4,875.54	36.96	0.76%	
	200	60,000	5,817.72	6,340.00	522.28	8.98%	6,366.42	26.42	0.42%	6,410.00	43.58	0.68%	
	500	50,000	6,151.96	7,870.32	1,718.36	27.93%	7,915.49	45.17	0.57%	7,978.01	62.52	0.79%	
	500	100,000	10,259.33	11,837.96	1,578.63	15.39%	11,895.11	57.15	0.48%	11,983.16	88.05	0.74%	
	500	150,000	14,366.70	15,652.60	1,285.90	8.95%	15,714.73	62.13	0.40%	15,819.32	104.59	0.67%	
	1,000	100,000	12,185.51	15,609.03	3,423.52	28.09%	15,696.76	87.73	0.56%	15,818.90	122.14	0.78%	
	1,000	200,000	20,400.26	23,544.32	3,144.06	15.41%	23,656.00	111.69	0.47%	23,829.21	173.21	0.73%	
	1,000	300,000	28,615.00	31,173.60	2,558.60	8.94%	31,295.25	121.65	0.39%	31,501.52	206.27	0.66%	
	3,000	300,000	36,319.73	46,563.89	10,244.15	28.21%	46,821.84	257.96	0.55%	47,182.46	360.62	0.77%	
	3,000	600,000	60,963.97	70,369.74	9,405.77	15.43%	70,699.58	329.84	0.47%	71,213.40	513.82	0.73%	
	3,000	900,000	85,446.94	93,096.33	7,649.39	8.95%	93,456.05	359.72	0.39%	94,069.07	613.02	0.66%	
	7,000	700,000	84,588.17	108,473.60	23,885.43	28.24%	109,072.01	598.41	0.55%	109,909.58	837.57	0.77%	
	7,000	1,400,000	140,726.68	162,655.88	21,929.20	15.58%	163,422.01	766.14	0.47%	164,617.06	1,195.04	0.73%	
	7,000	2,100,000	196,545.06	214,376.04	17,830.97	9.07%	215,211.90	835.86	0.39%	216,638.41	1,426.51	0.66%	
	GS-2 Subtransmission	10	1,000	426.64	497.73	71.08	16.66%	505.89	8.16	1.64%	515.19	9.31	1.84%
		10	2,000	508.62	576.80	68.19	13.41%	585.18	8.38	1.45%	594.97	9.79	1.67%
10		3,000	590.13	652.42	62.30	10.56%	660.53	8.11	1.24%	670.95	10.42	1.58%	
25		2,500	600.04	721.31	121.27	20.21%	730.55	9.23	1.28%	741.41	10.86	1.49%	
25		5,000	803.82	917.86	114.04	14.19%	927.64	9.78	1.07%	939.71	12.06	1.30%	
25		7,500	1,007.60	1,106.90	99.31	9.86%	1,116.01	9.11	0.82%	1,129.65	13.64	1.22%	
50		5,000	888.28	1,093.19	204.92	23.07%	1,104.22	11.03	1.01%	1,117.67	13.45	1.22%	
50		10,000	1,295.83	1,486.28	190.45	14.70%	1,498.41	12.13	0.82%	1,514.27	15.86	1.06%	
50		15,000	1,703.38	1,864.37	160.99	9.45%	1,875.15	10.77	0.58%	1,894.16	19.01	1.01%	
75		7,500	1,176.51	1,465.07	288.57	24.53%	1,477.89	12.82	0.88%	1,493.94	16.05	1.09%	
75		15,000	1,787.84	2,054.71	266.87	14.93%	2,069.17	14.47	0.70%	2,088.82	19.65	0.95%	
75		22,500	2,394.97	2,617.64	222.67	9.30%	2,630.08	12.44	0.48%	2,654.46	24.38	0.93%	
100		10,000	1,464.74	1,836.95	372.22	25.41%	1,851.57	14.61	0.80%	1,870.20	18.64	1.01%	
100		20,000	2,277.05	2,620.33	343.28	15.08%	2,637.14	16.81	0.64%	2,660.58	23.44	0.89%	
100		30,000	3,086.55	3,370.91	284.35	9.21%	3,385.01	14.11	0.42%	3,414.77	29.75	0.88%	
200		20,000	2,614.86	3,321.67	706.81	27.03%	3,343.46	21.79	0.66%	3,372.46	29.01	0.87%	
200		40,000	4,233.88	4,882.83	648.95	15.33%	4,909.00	26.18	0.54%	4,947.62	38.62	0.79%	
200		60,000	5,852.90	6,383.98	531.08	9.07%	6,404.75	20.77	0.33%	6,455.99	51.23	0.80%	
500		50,000	6,056.84	7,767.43	1,710.59	28.24%	7,810.73	43.30	0.56%	7,870.84	60.11	0.77%	
500		100,000	10,104.38	11,670.31	1,565.93	15.50%	11,724.60	54.28	0.47%	11,808.74	84.15	0.72%	
500		150,000	14,151.92	15,423.20	1,271.28	8.98%	15,463.96	40.76	0.26%	15,579.64	115.68	0.75%	
1,000		100,000	11,793.47	15,177.02	3,383.55	28.69%	15,256.18	79.16	0.52%	15,368.14	111.96	0.73%	
1,000		200,000	19,888.55	22,982.79	3,094.24	15.56%	23,083.32	101.12	0.44%	23,263.94	160.03	0.69%	
1,000		300,000	27,993.64	30,488.57	2,504.93	8.95%	30,562.65	74.08	0.24%	30,785.74	223.09	0.73%	
3,000		300,000	34,739.98	44,815.38	10,075.40	29.00%	45,037.99	222.61	0.50%	45,357.33	319.34	0.71%	
3,000		600,000	59,025.23	68,232.71	9,207.48	15.60%	68,521.19	288.49	0.42%	68,984.74	463.54	0.68%	
3,000		900,000	83,149.22	90,588.77	7,439.55	8.95%	90,796.14	207.37	0.23%	91,448.88	652.74	0.72%	
7,000		700,000	80,633.01	104,092.11	23,459.11	29.09%	104,601.61	509.49	0.49%	105,335.71	734.10	0.70%	
7,000		1,400,000	135,933.88	157,367.82	21,433.95	15.77%	158,031.04	663.22	0.42%	159,101.61	1,070.57	0.68%	
7,000		2,100,000	190,914.63	208,223.42	17,308.78	9.07%	208,697.36	473.94	0.23%	210,209.40	1,512.04	0.72%	
GS-3 Secondary		10	3,500	378.86	382.61	3.75	0.99%	385.73	3.12	0.82%	393.59	7.86	2.04%
		10	4,500	430.85	432.70	1.85	0.43%	435.72	3.02	0.70%	444.68	8.96	2.06%
	10	5,500	482.85	475.00	(7.84)	-1.62%	477.53	2.53	0.53%	487.12	9.59	2.01%	
	25	8,750	906.49	911.12	4.62	0.51%	917.98	6.86	0.75%	936.59	18.61	2.03%	
	25	11,250	1,036.48	1,036.35	(0.13)	-0.01%	1,042.96	6.61	0.64%	1,064.31	21.35	2.05%	
	25	13,750	1,166.47	1,142.11	(24.36)	-2.09%	1,147.49	5.38	0.47%	1,170.42	22.93	2.00%	
	50	17,500	1,784.49	1,790.57	6.08	0.34%	1,803.66	13.09	0.73%	1,840.20	36.53	2.03%	
	50	22,500	2,041.67	2,038.24	(3.43)	-0.17%	2,050.83	12.59	0.62%	2,092.84	42.01	2.05%	
	50	27,500	2,298.84	2,246.95	(51.89)	-2.26%	2,257.09	10.14	0.45%	2,302.25	45.17	2.00%	
	75	26,250	2,658.99	2,666.52	7.54	0.28%	2,685.85	19.33	0.72%	2,740.30	54.45	2.03%	
	75	33,750	3,044.75	3,038.02	(6.73)	-0.22%	3,056.59	18.57	0.61%	3,119.26	62.67	2.05%	
	75	41,250	3,430.52	3,351.09	(79.42)	-2.32%	3,365.99	14.89	0.44%	3,433.39	67.40	2.00%	
	100	35,000	3,533.48	3,542.48	8.99	0.25%	3,568.03	25.56	0.72%	3,640.40	72.37	2.03%	
	100	45,000	4,047.84	4,037.81	(10.03)	-0.25%	4,062.36	24.55	0.61%	4,145.69	83.33	2.05%	
	100	55,000	4,562.19	4,455.24	(106.95)	-2.34%	4,474.89	19.65	0.44%	4,564.52	89.63	2.00%	
	200	70,000	7,031.47	7,046.29	14.81	0.21%	7,096.78	50.49	0.72%	7,240.82	144.05	2.03%	
	200	90,000	8,060.18	8,036.95	(23.23)	-0.29%	8,085.43	48.48	0.60%	8,251.39	165.96	2.05%	
	200	110,000	9,088.88	8,871.81	(217.07)	-2.39%	8,910.48	38.67	0.44%	9,089.05	178.57	2.00%	
	500	175,000	17,525.43	17,557.72	32.29	0.18%	17,683.00	125.29	0.71%	18,042.07	359.07	2.03%	
	500	225,000	20,971.19	20,034.37	(936.82)	-4.47%	20,154.63	120.27	0.60%	20,568.49	413.85	2.05%	
	500	275,000											

OHIO POWER COMPANY
Case Nos. 11-346-EL-SSO and 11-348-EL-SSO
Typical Bill Comparison
(Annualized)

Rate Code	Level of Demand (A)	Level of Usage (B)	Current Total Bill (C)	2012 Total Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	2013 Total Bill (G)	Dollar Increase (H=G-D)	% Increase (I = H÷D)	2014/2015 Total Bill (J)	Dollar Increase (K=J-G)	% Increase (L = K÷G)	
OL	MV Floodlight												
	20,000 Lumen	158	25.56	32.33	6.77	26.47%	31.21	(1.12)	-3.48%	30.26	(0.95)	-3.05%	
	50,000 Lumen	378	43.18	63.35	20.17	46.73%	60.36	(2.99)	-4.72%	57.75	(2.61)	-4.33%	
	HPS Floodlight												
	22,000 Lumen	84	17.15	18.44	1.30	7.56%	17.87	(0.57)	-3.09%	17.39	(0.48)	-2.67%	
	50,000 Lumen	167	22.06	30.32	8.26	37.44%	29.05	(1.27)	-4.19%	27.95	(1.10)	-3.78%	
	MH Floodlight												
	17,000 Lumen	100	16.23	22.50	6.26	38.59%	21.83	(0.67)	-2.97%	21.28	(0.56)	-2.54%	
	29,000 Lumen	158	19.03	29.51	10.48	55.06%	28.33	(1.18)	-4.01%	27.31	(1.02)	-3.60%	
	Post Top-MV												
	7,000 Lumen	72	15.29	21.65	6.37	41.67%	21.29	(0.36)	-1.68%	21.02	(0.27)	-1.27%	
	Post Top-HPS												
	9,000 Lumen	40	17.49	16.78	(0.71)	-4.08%	16.68	(0.10)	-0.60%	16.64	(0.04)	-0.22%	
Facilities Charges:													
Underground circuit per 25 feet over 30 feet	0	0.63	0.70	0.08	12.10%	0.72	0.02	2.14%	0.74	0.02	2.32%		
SL	On Wood Pole												
	7,000 lumen mercury vapor	72	8.51	14.08	5.56	65.35%	13.56	(0.51)	-3.64%	13.13	(0.44)	-3.23%	
	11,000 lumen mercury vapor	100	10.94	18.45	7.52	68.71%	17.72	(0.74)	-3.99%	17.08	(0.64)	-3.58%	
	20,000 lumen mercury vapor	158	14.19	26.39	12.20	86.02%	25.17	(1.22)	-4.63%	24.10	(1.07)	-4.25%	
	50,000 lumen mercury vapor	378	28.13	59.77	31.64	112.51%	56.78	(3.00)	-5.01%	54.14	(2.64)	-4.65%	
	9,000 lumen high pressure sodium	40	8.28	9.37	1.10	13.25%	9.12	(0.25)	-2.69%	8.91	(0.21)	-2.27%	
	16,000 lumen high pressure sodium	59	9.90	11.92	2.02	20.43%	11.51	(0.41)	-3.46%	11.16	(0.35)	-3.04%	
	22,000 lumen high pressure sodium	84	12.28	15.81	3.52	28.69%	15.20	(0.61)	-3.87%	14.67	(0.53)	-3.46%	
	50,000 lumen high pressure sodium	167	18.26	27.01	8.75	47.93%	25.70	(1.31)	-4.85%	24.55	(1.15)	-4.48%	
	9,000 lumen high pressure sodium (post 1998)	40	13.49	16.71	3.22	23.87%	16.62	(0.10)	-0.57%	16.58	(0.03)	-0.20%	
	16,000 lumen high pressure sodium (post 1998)	59	16.96	19.26	2.30	13.58%	19.01	(0.26)	-1.33%	18.83	(0.18)	-0.93%	
	22,000 lumen high pressure sodium (post 1998)	84	19.25	23.16	3.91	20.33%	22.70	(0.45)	-1.96%	22.35	(0.35)	-1.55%	
	50,000 lumen high pressure sodium (post 1998)	167	27.90	34.38	6.48	23.22%	33.23	(1.15)	-3.35%	32.25	(0.98)	-2.94%	
	On Metal Pole:												
	7,000 lumen mercury vapor	72	11.56	18.48	6.92	59.89%	18.07	(0.42)	-2.27%	17.73	(0.33)	-1.85%	
	11,000 lumen mercury vapor	100	14.31	23.72	9.41	65.71%	23.10	(0.62)	-2.63%	22.59	(0.51)	-2.21%	
	20,000 lumen mercury vapor	158	17.78	32.05	14.28	80.29%	30.95	(1.10)	-3.44%	30.02	(0.93)	-3.02%	
	50,000 lumen mercury vapor	378	32.99	65.98	33.00	100.03%	63.12	(2.86)	-4.34%	60.63	(2.49)	-3.95%	
	9,000 lumen high pressure sodium	40	16.67	15.57	(1.10)	-6.60%	15.45	(0.12)	-0.77%	15.39	(0.06)	-0.39%	
	16,000 lumen high pressure sodium	59	18.25	18.10	(0.16)	-0.86%	17.82	(0.28)	-1.55%	17.61	(0.20)	-1.14%	
	22,000 lumen high pressure sodium	84	20.66	22.01	1.35	6.53%	21.53	(0.48)	-2.18%	21.15	(0.38)	-1.76%	
	50,000 lumen high pressure sodium	167	26.62	33.21	6.60	24.79%	32.04	(1.18)	-3.55%	31.03	(1.00)	-3.13%	
	9,000 lumen high pressure sodium (post 1998)	40	44.05	34.95	(9.10)	-20.66%	35.25	0.29	0.84%	35.65	0.40	1.14%	
	16,000 lumen high pressure sodium (post 1998)	59	45.82	37.50	(8.31)	-18.14%	37.64	0.13	0.36%	37.89	0.26	0.68%	
	22,000 lumen high pressure sodium (post 1998)	84	48.22	41.39	(6.83)	-14.17%	41.32	(0.07)	-0.16%	41.40	0.08	0.20%	
	50,000 lumen high pressure sodium (post 1998)	167	54.27	52.61	(1.67)	-3.07%	51.84	(0.76)	-1.45%	51.30	(0.54)	-1.05%	
	Multiple Lamps on Metal Pole:												
	20,000 lumen mercury vapor	158	15.89	29.49	13.60	85.63%	28.34	(1.16)	-3.92%	27.34	(1.00)	-3.51%	
	9,000 lumen high pressure sodium	40	12.45	12.46	0.01	0.10%	12.27	(0.19)	-1.49%	12.14	(0.13)	-1.09%	
	16,000 lumen high pressure sodium	59	14.06	15.00	0.94	6.66%	14.65	(0.35)	-2.31%	14.37	(0.28)	-1.89%	
	22,000 lumen high pressure sodium	84	16.43	18.91	2.47	15.05%	18.36	(0.55)	-2.89%	17.91	(0.45)	-2.47%	
	50,000 lumen high pressure sodium	167	22.42	30.11	7.69	34.30%	28.87	(1.24)	-4.13%	27.79	(1.08)	-3.73%	
	9,000 lumen high pressure sodium (post 1998)	40	26.33	22.16	(4.17)	-15.85%	22.18	0.02	0.10%	22.27	0.10	0.43%	
	16,000 lumen high pressure sodium (post 1998)	59	27.96	24.69	(3.27)	-11.69%	24.55	(0.14)	-0.56%	24.51	(0.05)	-0.19%	
	22,000 lumen high pressure sodium (post 1998)	84	30.38	28.60	(1.78)	-5.84%	28.26	(0.34)	-1.18%	28.04	(0.22)	-0.79%	
	50,000 lumen high pressure sodium (post 1998)	167	36.43	39.81	3.38	9.27%	38.77	(1.04)	-2.61%	37.93	(0.85)	-2.19%	
	Post Top Unit:												
	7,000 lumen mercury vapor	72	11.48	18.39	6.91	60.23%	17.97	(0.42)	-2.29%	17.64	(0.34)	-1.87%	
	9,000 lumen high pressure sodium	40	14.38	13.88	(0.49)	-3.44%	13.73	(0.16)	-1.12%	13.63	(0.10)	-0.73%	
	9,000 lumen high pressure sodium (post 1998)	40	17.99	15.85	(2.14)	-11.87%	15.74	(0.11)	-0.72%	15.69	(0.05)	-0.34%	
	Facilities Charges:												
	Receptacle Charge	0	2.10	2.36	0.25	12.10%	2.41	0.05	2.14%	2.46	0.06	2.32%	

CERTIFICATE OF SERVICE

I hereby certify that a copy of the testimony of David M. Roush was served on the persons stated below via electronic mail, this 13th day of September 2011.



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Case No(s). 10-2376-EL-UNC, 11-0346-EL-SSO, 11-0348-EL-SSO, 11-0349-EL-AAM, 11-0350-EL-AAM

Summary: Testimony Testimony of David M Roush electronically filed by Mr. Steven T Nourse on behalf of American Electric Power Service Corporation