

LARGE FILING SEPARATOR SHEET

CASE NUMBER 11-351-EL-AIR
 11-352-EL-AIR
 11-353-EL-ATA
 11-354-EL-ATA
 11-356-EL-AAM
 11-358-EL-AAM

FILE DATE 2/28/2011

SECTION: *15* OF *25*

NUMBER OF PAGES: *152*

DESCRIPTION OF DOCUMENT:

APPLICATION & SCHEDULES

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SECTION: 15 OF

NUMBER OF PAGES: 200

DESCRIPTION OF DOCUMENT:

APPLICATION & SCHEDULES

EXHIBIT NO. _____

**BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of)	
Columbus Southern Power Company and)	
Ohio Power Company, Individually and, if)	Case No. 11-351-EL-AIR
Their Proposed Merger is Approved, as a)	Case No. 11-352-EL-AIR
Merged Company (collectively, AEP Ohio))	
for an Increase in Electric Distribution Rates)	

In the Matter of the Application of)	
Columbus Southern Power Company and)	
Ohio Power Company, Individually and, if)	Case No. 11-353-EL-ATA
Their Proposed Merger is Approved, as a)	Case No. 11-354-EL-ATA
Merged Company (collectively AEP Ohio))	
for Tariff Approval)	

In the Matter of the Application of)	
Columbus Southern Power Company and)	
Ohio Power Company, Individually and, if)	Case No. 11-356-EL-AAM
Their Proposed Merger is Approved, as a)	Case No. 11-358-EL-AAM
Merged Company (collectively AEP Ohio))	
for Approval to Change Accounting)	
Methods)	

**VOLUME THREE
(PART 5 of 5)**

SCHEDULE E-3

Part 5 A	Narrative Rationales for CSP Standard Service Tariff Changes
Part 5 B	Narrative Rationales for CSP Open Access Distribution Service Tariff Changes
Part 5 C	Narrative Rationales for OPCo Standard Service Tariff Changes
Part 5 D	Narrative Rationales for OPCo Open Access Distribution Service Tariff Changes

VOLUME THREE
(PART 5 of 5)
SCHEDULE E-3

**PART 5A NARRATIVE RATIONALES FOR COLUMBUS SOUTHERN POWER
COMPANY STANDARD SERVICE TARIFF CHANGES**

COLUMBUS SOUTHERN POWER COMPANY
CASE NO 11-351-EL-AIR
RATIONALE FOR TARIFF CHANGES

Data: 3 Mos Act 9 Mos Est
Type of Filing: Original
Work Paper Reference No(s):

Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference Redline (E)	Data Reference Proposed (F)
Table of Contents					
Sheet Numbers Effective Date	T	Update Sheet Numbers as necessary Remove Effective Dates	Reflects changes in number of sheets New Effective Dates to coincide with Order This Section is now part of the Terms and Conditions	Schedule E2.1 4A Pg 1 Schedule E2.1 4A Pg 1	Schedule E-1 Part 2A Page 1 Schedule E-1 Part 2A Page 1
Description	T	Remove Reference to Miscellaneous Charges	This Section is now part of the Terms and Conditions	Schedule E2.1 4A Pg 1	Schedule E-1 Part 2A Page 1
Description	T	Remove Reference to Minimum Requirements Add Reference to Schedule 4-1 Applicable Riders		Schedule E2.1 4A Pg 1	Schedule E-1 Part 2A Page 1
Description Schedule RR-1	T	Changed Reference to RS	New Schedule Replaces old tables in sheets	Schedule E2.1 4A Pg 1	Schedule E-1 Part 2A Page 1
Schedule RLM	T	Eliminated Schedule RLM	Consistency between Operating Companies	Schedule E2.1 4A Pg 1	Schedule E-1 Part 2A Page 1
Schedule RS-ES	T	Eliminated Schedule RS-ES	This provision was moved to a section in RS	Schedule E2.1 4A Pg 1	Schedule E-1 Part 2A Page 1
Schedule RS-TOD	T	Eliminated Schedule RS-TOD	This provision was moved to a section in RS	Schedule E2.1 4A Pg 1	Schedule E-1 Part 2A Page 1
Description Schedule GS-3	T	GS-2 Changed Description to Large	New GS Tariffs no longer differentiable by load factor	Schedule E2.1 4A Pg 1	Schedule E-1 Part 2A Page 1
Schedule GS-4	T	Eliminated Schedule GS-3	This provision was moved to GS-2	Schedule E2.1 4A Pg 1	Schedule E-1 Part 2A Page 1
Schedule SL	T	Eliminated Schedule GS-4 Street Lighting	This provision was moved to GS-2 Consistency between Operating Companies	Schedule E2.1 4A Pg 1	Schedule E-1 Part 2A Page 1
Schedule AL Supplement 18	T	Changed Page Numbers to match Ohio Power outdoor lighting; changed description from area lighting to outdoor lighting Eliminated Schedule Supplement 18	Consistency between Operating Companies	Schedule E2.1 4A Pg 2	Schedule E-1 Part 2A Page 1
Description Description	T	Removed Reference to Advanced Energy Fund Addition of Deferred Asset Recovery Rider	Supplement 18 is no longer available	Schedule E2.1 4A Pg 2 Schedule E2.1 4A Pg 2	Schedule E-1 Part 2A Page 1 Schedule E-1 Part 2A Page 1
Description Description	T	Addition of Standard Offer Generation Service Rider	This rider expired December 31, 2010 Proposed Rider to Recover Regulatory Assets	Schedule E2.1 4A Pg 2 Schedule E2.1 4A Pg 2	Schedule E-1 Part 2A Page 1 Schedule E-1 Part 2A Page 1
	T	Addition of Distribution Investment Rider	Move Generation Rates to separate Rider Proposed Rider to Recover Incremental Costs	Schedule E2.1 4A Pg 2 Schedule E2.1 4A Pg 2	Schedule E-1 Part 2A Page 1 Schedule E-1 Part 2A Page 1
Terms and Conditions of Service (T&Cs) T&Cs - general change					
Changes to the T&Cs result in the same wording for both CSP and OPCo. CSP and OPCo T&Cs have been merged.					
Create a uniform set of T&Cs for customers served by CSP and OPCo (AEP Ohio). CSP and OPCo T&Cs have been merged for clarity and consistency. Parts of OPCo's T&Cs have been included in CSP's T&Cs and vice versa.					
Deletions, additions and relocations to the T&Cs result in various sections moving to different pages. Improve flow of contents included in the T&Cs. Better fit in relation to the other neighboring sections. Topics go hand in hand and are better suited next to other related sections.					
Various sheet numbers are revised.					
Contents					
Section 1 - Contracts, Applications or Requests for Service has been deleted. It is replaced by new Section 2, Application for Service.					
New Section 2, Application For Service, replaces former Section 1 to improve clarity of service applications.					
				Schedule E2.1 4A Pg 7	

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Section 2 - Term of Contract	T	Section 2 - Term of Contract has been deleted. It is replaced by new Section 2, Application for Service.	New Section 2, Application For Service, replaces former Section 2 to improve clarity of service applications.	Schedule E2.1 4A Pg 7	Schedule E-1 Part 2A Page 11
Section 2 - Application for Service (new section)	T	New section added; replaces former Section 2, Term of Contract.	New Section 2, Application For Service, replaces former Section 1 and Section 2 to improve clarity and administration of service.	Schedule E2.1 4A Pg 7	Schedule E-1 Part 2A Page 11
Section 3 - Conditions of Service	T	Service conditions shall be in accordance with P.U.C.O. No. 8.	P.U.C.O. No. 8 replaces P.U.C.O. No. 7.	Schedule E2.1 4A Pg 7	
	T	Wording additions related to the submission of written specifications of electrical apparatus and detailed sketch of customer's facilities that the Company may require to furnish service. Additional wording also included to note the Company reserves the right to specify service characteristics and the point of delivery and metering.	Improve clarification and conditions of customer's receiving electrical service from the Company. Need to emphasize the Company may require written specifications and detailed sketch before service is provided for engineering design reasons.	Schedule E2.1 4A Pg 7-8	Schedule E-1 Part 2A Page 11
	T	Wording added requiring provisions for written agreements prior to the Company providing service. It stipulated in the applicable rate schedule or the customer has unusual or special service characteristics.	Improve clarification of electrical service agreements with the Company.	Schedule E2.1 4A Pg 7-8	
	T	Wording added requiring each delivery point to be separately billed under the applicable schedule, should the customer desire delivery of energy at more than one (1) point. Wording also added requiring separate written agreements for each delivery point.	Improve clarification that a customer requesting more than one delivery point will be billed separately for each delivery point.	Schedule E2.1 4A Pg 7-8	
Section 4 - Available Rates	T	Sections of paragraph 1 reworded based on OPCo (or OP).		Schedule E2.1 4A Pg 7-8	
	T	Moved the sentence "A customer may not change from one (1) schedule to another during the term of contract except with the consent of the Company." from Use of Energy by Customer section to this Available Rates section.	Movement of sentence addresses the issue of customers under contract changing schedules.	Schedule E2.1 4A Pg 8-9	Schedule E-1 Part 2A Page 11-12
Section 5 - Service Connections	T	Section has been relocated to Section 9.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 14-15	Schedule E-1 Part 2A Page 13-14
	T	Paragraph 1 taken from OP. Portions of Paragraph 2 and Paragraph 3 taken from OP		Schedule E2.1 4A Pg 14-15	
Section 5 - Company's Agents Not Empowered to Change Tariffs (new section)	T	Section has been relocated from Section 20.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 11	Schedule E-1 Part 2A Page 12
Section 6 - Meters and Metering Equipment	T	Section 6, Meters and Metering Equipment, has been included in Section 14, Meter Registration and Testing.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 24	Schedule E-1 Part 2A Page 19-20

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Section 6 - Change of Rates or Regulations (new section)	T	Section has been relocated from Section 21.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 12	Schedule E-1 Part 2A Page 12
Section 7 - Meter Testing	T	Section 7. Meter Testing, has been included in Section 14, Meter Registration and Testing.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 24	Schedule E-1 Part 2A Page 19-20
Section 7 - Inspections (new section)	T	New section added. Wording included in this Section 8 conveys that the customer must properly install and maintain their wiring and electrical equipment, and the customer shall be responsible for the character and condition of their equipment including proper inside wiring and grounding and shall be in accordance with the requirements of the National Electric Code. Wording included that states the Company makes no inspection of customer's wiring and in no event shall be responsible.	Improve clarification of customer's wiring installation.	Schedule E2.1 4A Pg 13	Schedule E-1 Part 2A Page 12
Section 8 - Demand Testing	T	All taken from OP		Schedule E2.1 4A Pg 23-24	Schedule E-1 Part 2A Page 19-20
Section 8 - Location & Maintenance of Company's Equipment (new section)	T	Section 8. Demand Testing, has been included in Section 14, Meter Registration and Testing.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 14	Schedule E-1 Part 2A Page 12
	T	Section has been relocated from Section 19. Added wording / reconstructed sentence requiring the customer to provide suitable space and access for the installation and maintenance of equipment.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Improve clarification of Company requirements for location and maintenance of Company's equipment. Wording was added to help defend claims where obstacles, planted or constructed, are removed during repair of Company equipment. This applies mainly to fences and trees that hinder the opening and repair of underground transformers.	Schedule E2.1 4A Pg 14	Schedule E-1 Part 2A Page 27
	T	Inserted "Company Owned" to clarify equipment ownership.	Improve clarification of Company requirements for location and maintenance of Company's equipment.	Schedule E2.1 4A Pg 14	Schedule E-1 Part 2A Page 13-14
Section 9 - Deposits	T	Section has been relocated to Section 21.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 36	Schedule E-1 Part 2A Page 14-15
Section 9 - Service Connection (new section)	T	Section has been relocated from Section 5. Wording added regarding service provisions from an underground distribution system.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Improve clarification of Company's underground distribution system service, and customer's cost responsibility.	Schedule E2.1 4A Pg 14-15	Schedule E-1 Part 2A Page 14-15
	T	Wording is added to convey various service connections shall be made in an approved manner and under specific requirements. Wording added that "The company has the right to access a service fee when multiple trips are made for service installation and can not be completed due to customer installation issues."	Clarify issues where some areas of the Company are having to make multiple trips to customers property due to the fact that the installation of the wiring for the meter to be installed is performed incorrectly. Having a fee for multiple trips should help address this issue. Cost will mirror that of a trip for reconnection.	Schedule E2.1 4A Pg 14-15	

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Section 10 - Customer's Liability	T	Section has been relocated to Section 18.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 31-33	Schedule E-1 Part 2A Page 23-24
Section 10 - Extension of Local Facilities (new section)	T	Section has been relocated from Section 28. Added wording from former section 13 to convey the availability of the rural line extension plan specified in Chapter 4901.1-8-07 of the Ohio Administrative Code. Inserted the words "seasonal operations" in item no. 8 of Definitions included in Section 10.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Wording additions clarify the Company's rural line extension plan. Added words "seasonal operations" helps address issues of farmers with seasonal loads requesting three phase service at a CIAC cost which only operates two months per year.	Schedule E2.1 4A Pg 16-19	Schedule E-1 Part 2A Page 14-18
Section 11 - Use and Resale of Energy	T	Section has been relocated to Section 17, Resale of Energy.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 29	Schedule E-1 Part 2A Page 22
Section 11 - Temporary and Special Service (new section)	I	Section has been relocated from Section 14. Wording is added to display cost to read-in and read-out an existing meter, including cost for single-phase 120/240 volt service from existing source.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Wording is added to clarify the cost to provide temporary and special services.	Schedule E2.1 4A Pg 20	Schedule E-1 Part 2A Page 13
Section 12 - Billing and Bills Payable	T	Paragraphs 1, 2 and 5 taken from OP. Section has been relocated to Section 22.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 38-40	Schedule E-1 Part 2A Page 27-28
Section 12 - Work Performed on Company's Facilities at Customer's Request (new section)	T	New section added. Wording included in this Section 12 conveys the provisions regarding work performed on Company's facilities at customer's request.	Improve clarification of Company policy regarding work performed on Company's facilities when a customer makes such request.	Schedule E2.1 4A Pg 21-22	Schedule E-1 Part 2A Page 18-19
Section 13 - Collection, Recommendation, and Bad Check Charges	T	All taken from OP. Section has been deleted. Provisions of former section 13 are covered in Sections 22, 24 and 25.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 38-43	
Section 13 - Nominal Voltage Levels (new section)	T	Section has been relocated from Section 25.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 23	Schedule E-1 Part 2A Page 19
Section 14 - Service Interruptions	T	All taken from OP. Section 14, Service Interruptions, has been included in Section 19, Company's Liability.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 34-35	Schedule E-1 Part 2A Page 24-26
Section 14 - Meter Registration and Testing (new section)	I	Former Sections 6, 7 and 8 are included in this new Section 14, Meter Registration and Testing.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Improve clarification of the provisions for meter registration and testing.	Schedule E2.1 4A Pg 23	Schedule E-1 Part 2A Page 19-20
	T	Portions of Paragraph 3 taken from OP. Paragraph 4 from OP. Paragraph 5 new.			

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Section 15 - Notice to Company Before Increasing Load	T	Section 15 has been included in Section 16, Use of Energy by Customer.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 25-27	Schedule E-1 Part 2A Page 21-22
Section 15 - Interval Metering Installations (new section)	I	Section has been relocated from Section 26. Added wording. "The customer is responsible for providing the telephone line and cost associated with telephone communications for purposes of reading the meter."	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Added wording clarifies that if a customer wants a cell phone meter, the cost of the monthly cell phone charge is the responsibility of the customer.	Schedule E2.1 4A Pg 24-25	Schedule E-1 Part 2A Page 20-21
		Added wording. "The customer may select a meter from the Company's approved standard equipment list. If a customer selects any meter other than those shown on the approved standard list, the customer accepts responsibility for any incremental cost which the meter may require to upkeep, maintain, or replace the meter due to failure."	Rational for added wording is due to cell phone meters being close to the cost for standard meters, are more likely to fail and have other issues with communications. These meters are not preferred by the Company, but can be attractive to customers for the reduced costs of installing a land line. Because of the issues with the meters, the Company believes the customer is responsible for any incremental costs due to the installation of these meters.		
Section 16 - Notice to Company of Any Defect in Electric Supply	T	Section has been included in new Section 16, Use of Energy by Customer.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 25-27	Schedule E-1 Part 2A Page 21-22
Section 16 - Use of Energy by Customer (new section)	T	Section has been relocated from Section 18. Former Sections 15 and 16 are included in this new Section 16, Use of Energy by Customer. Moved the sentence "A customer may not change from one (1) schedule to another during the term of contract except with the consent of the Company." from Use of Energy by Customer section to Section 5, Available Rates.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Improve clarification of the use of energy by customer.	Schedule E2.1 4A Pg 24-27	Schedule E-1 Part 2A Page 21-22
Section 17 - Temporary and Special Service	T	Paragraph 1, 2, 3 and 9 from OP Section has been relocated to Section 11.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.		Schedule E-1 Part 2A Page 18
Section 17 - Resale of Energy (new section)	T	Section has been relocated from Section 11 and renamed "Resale of Energy" (Formerly named, "Use and Resale of Energy").	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 28	Schedule E-1 Part 2A Page 22
Section 18 - Use of Energy by Customer	T	Section has been relocated to Section 16.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 25-27	Schedule E-1 Part 2A Page 21-22
Section 18 - Customer's Liability	T	Section has been relocated from Section 10. Wording added to the provisions of customer's liability to convey circumstances when the customer is liable and when the customer is not liable. All but Paragraph 6 and last Paragraph taken from OP.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Improve clarification of the customer's liability in receiving service from the Company.	Schedule E2.1 4A Pg 31-33	Schedule E-1 Part 2A Page 23-24

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Section 19 - Location & Maintenance of Company's Equipment	T	Section has been relocated to Section 9.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 14-16	Schedule E-1 Part 2A Page 13-14
Section 18 - Company's Liability (new section)	T	New section added to convey Company's liability.	New section added to improve clarification of Company's liability in providing service, meter ownership and maintenance, losses due to interruptions and third party theft and damages of Company's facilities. Clarifies Company's liability will not exceed the actual cash value or cost of repairing equipment, whichever is less, and improves clarification of Company's liability in equipment repair.	Schedule E2.1 4A Pg 34-35	Schedule E-1 Part 2A Page 24-26
Section 20 - Company's Agents Not Empowered to Change Tariffs	T	Paragraphs 3, 4, 5, 6, and 7 taken from OP.			
Section 20 - Residential Service (new section)	T	Section has been relocated to Section 5.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 11	Schedule E-1 Part 2A Page 12
Section 21 - Change of Rates or Regulations	T	Section has been relocated from Section 24. This section includes the provisions shown in former Section 23 - Establishment of Credit For Residential Utility Service And Disconnect, Reconnect - Procedures - Residential	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 35-36	Schedule E-1 Part 2A Page 26-27
Section 21 - Deposits (new section)	T	All wording taken from OP.			
	T	Section has been relocated to Section 6.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 12	Schedule E-1 Part 2A Page 12
	C	Section has been relocated from Section 9. Wording added to convey the security for payment of bills as specified in Chapter 4901:1-10-14 of the Ohio Administrative Code. Wording is also included stating the Company will be entitled to pursue adequate assurance of payment for electric service, if a customer files for protection under provisions of the United States Bankruptcy Code.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Wording added to provide assurance of payment of electric service.		
	T	Added "Chapters 4901:1-10-14 and 4901:1-17-03..."	Added words and code numbers. "Chapters 4901:1-10-14 and 4901:1-17-03..." clarifies Chapter 17 of the Ohio Administrative Code that addresses residential deposits, while Chapter 10 addresses nonresidential.	Schedule E2.1 4A Pg 36	Schedule E-1 Part 2A Page 27
	T	Paragraphs 1 and 2 from OP.			
Section 22 - Disconnect Provisions - Non-Residential	T	Section has been relocated to Section 25.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 45	Schedule E-1 Part 2A Page 30-31

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Section 22 - Billing and Bills Payable (new section)	I	Section has been relocated from Section 12. Wording added to the provisions of Billing and Bills Payable to state customer's responsibility and circumstances surrounding special billing.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Improve clarification of certain billing circumstances and customer responsibility to pay for service provided by the Company.	Schedule E2.1 4A Pg 38-40	Schedule E-1 Part 2A Page 27-28
Section 23 - Establishment of Credit For Residential Utility Service And Disconnected, Reconnect - Procedures - Residential	T	Paragraphs 2, 3, 4, 7, 8, and 9 from OP. Portions of Paragraph 5 from OP.			
Section 23 - Change of Address by Customer (new section)	T	Section has been included in Section 20, Residential Service.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 35-36	Schedule E-1 Part 2A Page 26-27
	T	New section added to convey provisions for customer address changes.	New section added. New section emphasizes the responsibility of an existing customer to notify the Company when service is to be discontinued and to provide a mailing address for the final bill.	Schedule E2.1 4A Pg 40-41	Schedule E-1 Part 2A Page 29
	T	All taken from OP.			
Section 24 - Definition of Residential Customer	T	Section has been relocated to or included in Section 20, Residential Service.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 35-36	Schedule E-1 Part 2A Page 26-27
Section 24 - Denial or Discontinuance of Service (new section)	I	New section added to convey provisions for denying or discontinuing service.	New section added. New section emphasizes the Company's right to refuse any applicant for service if the applicant is indebted to the Company for any services rendered at any location, provided the Company advises applicant to such effect, and service shall not cause the refusal of service to a different class of service. Wording also added to convey the Company reserves the right to discontinue service to any customer without notice in case of an emergency or to prevent theft from or fraud upon the Company.		
	T	All from OP. (Paragraph 4 new to OP and CSP)		Schedule E2.1 4A Pg 42-43	Schedule E-1 Part 2A Page 29-30
Section 25 - Nominal Voltage Levels	T	Section has been relocated to Section 13.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 23	Schedule E-1 Part 2A Page 19

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Section 25 - Disconnect Provisions - Non-Residential (new section)	(B)	Section has been relocated from Section 22. Wording added to convey provisions for disconnect such as when the customer vacates the premises; repairs; customer request for disconnect; former customer whose account is in arrears for service; and when an emergency may threaten the health or safety of a person, a surrounding area, or the operation of the companies electrical system.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Improve clarification of Company's disconnect provisions for non-residential customers.		
Section 26 - Interval Metering Installations	T	Section has been relocated to Section 15.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 45	Schedule E-1 Part 2A Page 30-31
Section 26 - Pre Enrollment Customer Information List (new section)	T	Section has been relocated from Section 27.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 24-25	Schedule E-1 Part 2A Page 20-21
Section 27 - Pre Enrollment Customer Information List	T	Section has been relocated to Section 26.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 46	Schedule E-1 Part 2A Page 31
Section 27 - Minimum Requirements for Distribution System Interconnection (new section of the Ts&Cs)	T	Section has been relocated from Original Sheet Nos. 6-1 through 8-5 to Section 27 (new section of the Ts&Cs). Added specific wording and fees for various installation types for single and three phase service.	Improve flow of contents included in the Ts&Cs. Improve clarification of Company's minimum requirements for distribution system interconnections including specific interconnection fees for single and three phase applications.	Schedule E2.1 4A Pg 46	Schedule E-1 Part 2A Page 31
Section 28 - Extension of Local Facilities	T	New to OP and CSP.		Schedule E2.1 4A Pg 46-50	Schedule E-1 Part 2A Page 31-35
Section 28 - Extension of Local Facilities	T	Section has been relocated to Section 10.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4A Pg 15-19	Schedule E-1 Part 2A Page 14-18
Applicable Riders	T	Added Summary of Riders	One Sheet that Summarizes Riders		Schedule E-1 Part 2A Page 36
Schedules					
Residential Service (RS) Availability of Service		Removed Reference to Line Extension	Reference no longer needed and maintains consistency between the Operating Companies' Tariffs		
Monthly Rate	T	Addition of Demand Metered and Non-Demand Metered Customers	Recognized the difference in residential meters and charges per kWh or kW	Schedule E2.1 4A Pg 60	Schedule E-1 Part 2A Page 37
	T	Remove Generation Rates	Generation Rates will be billed as a Generation Rider going forward. Unnecessary in Distribution Case.	Schedule E2.1 4A Pg 60	Schedule E-1 Part 2A Page 37
	T	Added Additional Tariff Numbers	Added Tariff numbers to reflect storage water heating tariffs for demand and non-demand metered customers	Schedule E2.1 4A Pg 60	Schedule E-1 Part 2A Page 37

COLUMBUS SOUTHERN POWER COMPANY
CASE NO 11-351-EL-AIR
RATIONALE FOR TARIFF CHANGES

Data: 3 Mos Act 9 Mos Est
Type of Filing: Original
Work Paper Reference No(s):

Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference Realize (E)	Data Reference Proposed (F)
Seasonal Provision	I	Update Demand and Non-Demand Metered Rates	Update Demand and Non-Demand Metered Rates from Cost of Service	Schedule E2.1 4A Pg 60	Schedule E-1 Part 2A Page 37
Minimum Charge	T	Remove Blocking, seasonal periods Provision	Distribution Rate Design no longer reflects blocked, seasonal residential rate	Schedule E2.1 4A Pg 60	Schedule E-1 Part 2A Page 37
Storage Water Heating	T	Minimum charge paragraph updated and moved	Maintain consistency between Operating Companies	Schedule E2.1 4A Pg 60	Schedule E-1 Part 2A Page 37
Load Management Water Heating	T	Removed unnecessary Capital Letter, added clarifying language, and changed punctuation format	Consistent with OPCo's tariff and clarifies language.	Schedule E2.1 4A Pg 61	Schedule E-1 Part 2A Page 37
Load Management Water Heating	I	Updated Storage Water Heating Rate Per Cost of Service	Updated Storage Water Heating Rate Per Cost of Service	Schedule E2.1 4A Pg 61	Schedule E-1 Part 2A Page 37
Load Management Water Heating	T	Removed unnecessary Capital Letter, added clarifying language, and changed punctuation format	Consistent with OPCo's tariff and clarifies language.	Schedule E2.1 4A Pg 62	Schedule E-1 Part 2A Page 38
Time of Day Metered Service	I	Updated Load Management Rate Per Cost of Service	Updated Load Management Rate Per Cost of Service	Schedule E2.1 4A Pg 62	Schedule E-1 Part 2A Page 38
Experimental PEV Provision	T	Added Time-of-Day Metered Provision	Moved Residential Time-of-Day Tariff (RS-TOD) to Schedule RS. Eliminated Schedule RS-TOD	Schedule E2.1 4A Pg 62-63	Schedule E-1 Part 2A Page 39
Experimental TOD2	I	Updated Time-of-Day Rate Per Cost of Service	Updated Time-of-Day Rate Per Cost of Service	Schedule E2.1 4A Pg 63	Schedule E-1 Part 2A Page 39
Applicable Riders	T	Added Experimental Electrical Vehicle Supply Equipment Provision	Addition of Proposed Plug In Electric Vehicle Tariff	Schedule E2.1 4A Pg 63	Schedule E-1 Part 2A Page 39
Special Terms and Conditions	T	Added Experimental Residential Time of Day Service Provision, Updated Rate From Cost of Service	Moved RS-TOD2 from CSP to Schedule RS. Eliminated Schedule RS-TOD2. Updated Rate Per Cost of Service	Schedule E2.1 4A Pg 64	Schedule E-1 Part 2A Page 40
Schedule RR-1	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule	Schedule E2.1 4A Pg 65	Schedule E-1 Part 2A Page 41
Schedule RLM	T	Added Agricultural Provision and clarifying language from Ohio Power Tariffs	Language taken from OPCo, maintain consistency between Operating Companies	Schedule E2.1 4A Pg 65	Schedule E-1 Part 2A Page 41
Schedule RS-ES	T	Eliminated Schedule RR-1	Consistency between Operating Companies	Schedule E2.1 4A Pg 65-68	Schedule E-1 Part 2A Page 41
Schedule RS-TOD	T	Eliminated Schedule RLM	This provision was moved to a section in RS	Schedule E2.1 4A Pg 70-73	Schedule E-1 Part 2A Page 41
GS-1	T	Eliminated Schedule RS-ES	This provision was moved to a section in RS	Schedule E2.1 4A Pg 74-76	Schedule E-1 Part 2A Page 41
GS-1	T	Eliminated Schedule RS-TOD	This provision was moved to a section in RS	Schedule E2.1 4A Pg 77-80	Schedule E-1 Part 2A Page 41
Availability of Service	T	Remove Reference to Time-of-Day Provision	Clarification, Consistent with OPCo	Schedule E2.1 4A Pg 86	Schedule E-1 Part 2A Page 45
Monthly Rates	I	Remove Generation Rates; Update Distribution Rates	Generation Rates will be billed as a Generation Rider going forward. Unnecessary in Distribution Cases. New rates reflect updated Cost of Service	Schedule E2.1 4A Pg 86	Schedule E-1 Part 2A Page 45
Remove Blocking	T	Remove Blocking	Distribution Rate Design no longer reflects blocked rates	Schedule E2.1 4A Pg 86	Schedule E-1 Part 2A Page 45

COLUMBUS SOUTHERN POWER COMPANY
CASE NO 11-351-EL-AIR
RATIONALE FOR TARIFF CHANGES

Data: 3 Mos Act 9 Mos Est
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Work Paper Reference No(s):

Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference Recline (E)	Data Reference Proposed (F)
Minimum Charge	T	Added the language of all applicable riders	Clarification, consistent with OPCo	Schedule E2.1 4A Pg 86	Schedule E-1 Part 2A Page 45
Delayed Payment Charge	T	Adopted OPCo language on bills due and payable; Changed Balance in which rate is multiplied per Ohio Power Tariffs	Clarification, Consistent with OPCo	Schedule E2.1 4A Pg 86	Schedule E-1 Part 2A Page 45
Applicable Riders	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule	Schedule E2.1 4A Pg 86	Schedule E-1 Part 2A Page 45
Special Terms and Conditions	T	Adopted OPCo clarifying language	Clarification, Consistent with OPCo	Schedule E2.1 4A Pg 86	Schedule E-1 Part 2A Page 45
Energy Storage Provision	I	Changed Description from Load Management to Energy Storage and added customer charge. Changed punctuation and added Company right to inspect language.	Clarification, Consistent with OPCo, Rate Change Based on Cost of Service	Schedule E2.1 4A Pg 87	Schedule E-1 Part 2A Page 46
Optional Unmetered	I	Updated Rate based on Cost of Service Study	Updated Rate based on Cost of Service Study	Schedule E2.1 4A Pg 89	Schedule E-1 Part 2A Page 46-47
Experimental GS1-TOD	I	Added Experimental Time of Day Service Provision, Updated rate per cost of service	Moved Experimental GS1-TOD Provision to GS-1; Eliminated GS-1 TOD	Schedule E2.1 4A Pg 89-90	Schedule E-1 Part 2A Page 47-48
GS-2					
Availability of Service	T	Clarify Usage level; Remove Reference to Time-of-Day Provision	Clarification, Consistent with OPCo	Schedule E2.1 4A Pg 91	Schedule E-1 Part 2A Page 49
Monthly Rates	I	Remove Generation Rates; Update Distribution Rates	Generation Rates will be billed as a Generation Rider going forward. Unnecessary in Distribution Case. New rates reflect updated Cost of Service	Schedule E2.1 4A Pg 91-92	Schedule E-1 Part 2A Page 49
Minimum and Maximum charge	T	Redefine Minimum Charge; eliminate maximum charge	Minimum charge no longer distinguished by size of customer, maximum charge no longer necessary	Schedule E2.1 4A Pg 92	Schedule E-1 Part 2A Page 49
Delayed Payment Charge	T	Moved	Consistent with OPCo	Schedule E2.1 4A Pg 96	Schedule E-1 Part 2A Page 51
Monthly Billing Demand	T	Adopted OPCo's language	Clarification, Consistent with OPCo	Schedule E2.1 4A Pg 93-94	Schedule E-1 Part 2A Page 50
	T	Added Space Heating and Agricultural Provisions from OPCo tariff	Consistent with OPCo	Schedule E2.1 4A Pg 94	Schedule E-1 Part 2A Page 50
	T	Removed Provision for Supplement 18	Eliminated Supplement 18	Schedule E2.1 4A Pg 95	Schedule E-1 Part 2A Page 50
Excess KVAR/KVA Demand		Added KVA Demand from GS-3 Tariff, KVAR Demand comes from OPCo	Provision from GS-3 for KVA demand necessary since GS-3 is eliminated but provisions need to be in GS-2; KVAR Demand is to be consistent with OPCo	Schedule E2.1 4A Pg 95	Schedule E-1 Part 2A Page 50
Optional Time-of-Day	T	Removed unnecessary Capital Letter, added clarifying language, and changed punctuation format	Clarification, Consistent with OPCo	Schedule E2.1 4A Pg 95	Schedule E-1 Part 2A Page 51
Metered Voltage	T	Addition of KVAR and RIKVAH	Consistent with OPCo	Schedule E2.1 4A Pg 95	Schedule E-1 Part 2A Page 51

COLUMBUS SOUTHERN POWER COMPANY
CASE NO 11-351-EL-AIR
RATIONALE FOR TARIFF CHANGES

Data: 3 Mos Act 9 Mos Est
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Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Date Reference Relate (E)	Date Reference Proposed (F)
Delayed Payment Charge			Clarification, Consistent with OPCo		
	T	Adopted OPCo language on bills due and payable; Changed Balance in which rate is multiplied per Ohio Power Tariffs		Schedule E2.1 4A Pg 96	Schedule E-1 Part 2A Page 51
Term of Contract	T	Adopted OPCo language on supplying capacity in excess of contract amount	Moved Contract Capacity to greater than 1,000 kW and changed notice day from 6 months to 90 days to line up with CRES notification	Schedule E2.1 4A Pg 96	Schedule E-1 Part 2A Page 51
Special Terms and Conditions	T	Adopted OPCo language on Welders X-Ray Machines Etc. and some additional clarifying language	Clarification, Consistent with OPCo	Schedule E2.1 4A Pg 96	Schedule E-1 Part 2A Page 52
Breakdown Service	I	Updated Break Down Service Rate Per Cost of Service	Updated Break Down Service Rate Per Cost of Service	Schedule E2.1 4A Pg 97	Schedule E-1 Part 2A Page 52
Load Management Time-of-Day	I	Changed to Energy Storage, Updated Rate Per Cost of Service	Consistent with OPCo, Updated Rate Per Cost of Service	Schedule E2.1 4A Pg 97-98	Schedule E-1 Part 2A Page 52-53
	T	Clarification of Separately Wiring load	clarification	Schedule E2.1 4A Pg 97	Schedule E-1 Part 2A Page 52
	T	Removed unnecessary Capital Letter, added clarifying language, and changed punctuation format	Consistent with OPCo's tariff and clarifies language.	Schedule E2.1 4A Pg 98	Schedule E-1 Part 2A Page 53
	T	Clarification to Company's Right to Inspect	clarification	Schedule E2.1 4A Pg 98	Schedule E-1 Part 2A Page 53
Time of Day Provision	I	Added Time-of-Day Provision, Updated Rate Per Cost of Service	Eliminated Schedule GS-TOD	Schedule E2.1 4A Pg 98	Schedule E-1 Part 2A Page 53
Recreation Lighting	I	Updated Rate Per Cost of Service	Updated Rate Per Cost of Service	Schedule E2.1 4A Pg 99	Schedule E-1 Part 2A Page 53
GS2-TOD	T	Eliminated Schedule	This provision was moved to GS-2	Schedule E2.1 4A Pg 100-101	
GS-3	T	Eliminated Schedule	This provision was moved to GS-2	Schedule E2.1 4A Pg 102-106	
GS-4	T	Eliminated Schedule	This provision was moved to GS-2	Schedule E2.1 4A Pg 107-109	
IRP-D					
Availability of Service	T	Changed billing unit from KVA to KW	Rates going forward based on KW, consistent with Ohio Power Company	Schedule E2.1 4A Pg 110	Schedule E-1 Part 2A Page 54
Interruption Conditions	T	Removed dates January - April 2006	Data has passed, no longer necessary	Schedule E2.1 4A Pg 110	Schedule E-1 Part 2A Page 54
	T	Clarification of AEP Emergency Operating Plan	Clarification	Schedule E2.1 4A Pg 111	Schedule E-1 Part 2A Page 55
Failure to Comply With A Request For Interruption	T	Remove the reference to Schedule GS-4	Schedule GS-4 Eliminated	Schedule E2.1 4A Pg 111	Schedule E-1 Part 2A Page 55
Firm Service Designation	T	Remove the Reference to GS-4; remove KVA contract amount	Schedule GS-4 Eliminated; KVA will be replaced by KW in the future to be consistent with Ohio Power	Schedule E2.1 4A Pg 113	Schedule E-1 Part 2A Page 57
Replacement Electricity	T	Changed billing unit from KVA to KW	Rates going forward based on KW, consistent with Ohio Power Company	Schedule E2.1 4A Pg 113	Schedule E-1 Part 2A Page 57
	T	Clarification of AEP Emergency Operating Plan	Clarification	Schedule E2.1 4A Pg 117	Schedule E-1 Part 2A Page 57

COLUMBUS SOUTHERN POWER COMPANY
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Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference Revised (E)	Data Reference Proposed (F)
Supplemental Interruptions	T	Remove Reference to Power Factor	Rates going forward based on KW, consistent with Ohio Power Company	Schedule E2.1 4A Pg 118	Schedule E-1 Part 2A Page 80
Monthly Rates	I	Remove Generation Rates; Update Distribution Rates	Generation Rates will be billed as a Generation Rider going forward. Unnecessary in Distribution Case. New rates reflect updated Cost of Service	Schedule E2.1 4A Pg 118-119	Schedule E-1 Part 2A Page 61
Delayed Payment	T	Section Moved	Consistent with Ohio Power Company Format	Schedule E2.1 4A Pg 124	Schedule E-1 Part 2A Page 63
Applicable Rider	T	Section Moved	Consistent with Ohio Power Company Format	Schedule E2.1 4A Pg 124	Schedule E-1 Part 2A Page 63
Monthly Billing Demand	T	Changed billing unit from KVA to KW; clarification from OPCo	Rates going forward based on KW, consistent with Ohio Power Company	Schedule E2.1 4A Pg 120	Schedule E-1 Part 2A Page 62
Delayed Payment Charge	T	Reference to KVAR	Consistent with Ohio Power Company	Schedule E2.1 4A Pg 120	Schedule E-1 Part 2A Page 62
Applicable Riders	T	Adopted OPCo language on bills due and payable; Changed Balance in which rate is multiplied per Ohio Power Tariffs	Clarification, Consistent with OPCo	Schedule E2.1 4A Pg 124	Schedule E-1 Part 2A Page 63
Cogen/SPP	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule	Schedule E2.1 4A Pg 124	Schedule E-1 Part 2A Page 63
Availability of Service	T	Remove Reference to Demand or Capacity in Options and add language from OPCo at bottom	Adopted OPCo's language	Schedule E2.1 4A Pg 125	Schedule E-1 Part 2A Page 64
Supplemental Service	T	Clarifying Language from OPCo	Clarification	Schedule E2.1 4A Pg 125	Schedule E-1 Part 2A Page 64
Backup and Maintenance	T	Clarifying Language from OPCo	Clarification	Schedule E2.1 4A Pg 126	Schedule E-1 Part 2A Page 64
Additional Charges	T	Clarifying Language, Remove Standard Rates	Clarification, Consistent with OPCo	Schedule E2.1 4A Pg 126	Schedule E-1 Part 2A Page 64
Monthly Payments & Credits	I	Update Meter Rate Per Cost of Service	Update Meter Rate Per Cost of Service	Schedule E2.1 4A Pg 128-127	Schedule E-1 Part 2A Page 65
Capacity Credit	T	Update Energy Rate Per Cost of Service	Update Energy Rate Per Cost of Service	Schedule E2.1 4A Pg 129	Schedule E-1 Part 2A Page 66
Charges for Non Performance	T	Removed Capacity Component	Consistent with OPCo	Schedule E2.1 4A Pg 129	Schedule E-1 Part 2A Page 66
888	T	Deleted this section	Capacity Amounts no longer in tariff	Schedule E2.1 4A Pg 130	
Supplement Service	T	Additional language for KVA	Some CSP Customers may have contracts for KVA	Schedule E2.1 4A Pg 132	Schedule E-1 Part 2A Page 67
Monthly Charges for Standby Service	T	Removed Reference to Columbus Southern Power	Change to Company consistent with one Operating Company going forward	Schedule E2.1 4A Pg 132	Schedule E-1 Part 2A Page 68

COLUMBUS SOUTHERN POWER COMPANY
CASE NO 11-351-EL-AIR
RATIONALE FOR TARIFF CHANGES

Date: 3 Mos Act 9 Mos Est
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Work Paper Reference No(s):

Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Date Reference Redline (E)	Date Reference Proposed (F)
Backup Demand Determination	T	Clarifying language from OPCo	Clarification: Consistent with OPCo	Schedule E2.1 4A Pg 134	Schedule E-1 Part 2A Page 69
Monthly Backup Charge	I	Remove Generation Rates; Update Distribution Rates	Generation Rates will be billed as a Generation Rider going forward. Unnecessary in Distribution Case. New rates reflect updated Cost of Service	Schedule E2.1 4A Pg 134-135	Schedule E-1 Part 2A Page 69-70
Maintenance Service	I	Updated Maintenance Rates Per Cost of Service	Updated Maintenance Rates Per Cost of Service	Schedule E2.1 4A Pg 137	Schedule E-1 Part 2A Page 72
Delayed Payment Charge	I	Updated Special Contract Rate Per Cost of Service	Updated Special Contract Rate Per Cost of Service	Schedule E2.1 4A Pg 138	Schedule E-1 Part 2A Page 73
Applicable Riders	T	Adopted OPCo language on bills due and payable; Changed Balance in which rate is multiplied per Ohio Power Tariffs	Clarification, Consistent with OPCo	Schedule E2.1 4A Pg 138	Schedule E-1 Part 2A Page 73
NEWS	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule	Schedule E2.1 4A Pg 138	Schedule E-1 Part 2A Page 73
Monthly Charges	T	Remove Reference to GS-3	Eliminated Schedule GS-3	Schedule E2.1 4A Pg 142	Schedule E-1 Part 2A Page 76
NEWS-H	T	Remove Reference to GS-3	Eliminated Schedule GS-3	Schedule E2.1 4A Pg 144	Schedule E-1 Part 2A Page 78
AFS	T	Added Schedule AFS (Alternative Feed Service Rider)	Addition option for customers requesting Alternative Feed Service	Schedule E2.1 4A Pg 145-149	Schedule E-1 Part 2A Page 80-83
AL	T	Changed Schedule to 40-1 and name to Outdoor Lighting	Consistent with OPCo	Schedule E2.1 4A Pg 158	Schedule E-1 Part 2A Page 84
Monthly Rate	T	Changed upsweep arm to 6 foot	Consistent with OPCo	Schedule E2.1 4A Pg 158	Schedule E-1 Part 2A Page 84
Discontinued Lamps	I	Updated Table to include currently available lights and description of lumens per OPCo. Updated Rates for all new installations per Cost of Service	Consistent with OPCo	Schedule E2.1 4A Pg 158-160	Schedule E-1 Part 2A Page 84-85
Current CSP Customers	T	Added a section for discontinued lamps	Adds More clarity to Tariff	Schedule E2.1 4A Pg 160	Schedule E-1 Part 2A Page 86
All New Installations	I	Added a section for changes related to Current installations in the CSP Area and Updated the Costs per the Cost of Service	Necessary to keep current contracts in place due to a difference between the operations of outdoor lighting between the two Companies.	Schedule E2.1 4A Pg 160-161	Schedule E-1 Part 2A Page 85-86
Delayed Payment Charge	I	Updated Other Equipment Charges reflects OPCo's operations; updated Costs Per Cost of Service	Consistent with OPCo	Schedule E2.1 4A Pg 161	Schedule E-1 Part 2A Page 86-87
Applicable Riders	T	Adopted OPCo language on bills due and payable; Changed Balance in which rate is multiplied per Ohio Power Tariffs	Clarification, Consistent with OPCo; Changes Percent of Payment due for non-residential Customers	Schedule E2.1 4A Pg 161-162	Schedule E-1 Part 2A Page 87
	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule	Schedule E2.1 4A Pg 162	Schedule E-1 Part 2A Page 87

COLUMBUS SOUTHERN POWER COMPANY
CASE NO 11-351-EL-AIR
RATIONALE FOR TARIFF CHANGES

Date: 3 Mos Act 9 Mos Est
Type of Filing: Original
Work Paper Reference No(s):

Rate	Type	Explanation of Change (C)	Rationale of Change (D)	Data Reference Redline (E)	Data Reference Proposed (F)
Monthly Kilowatt Hour Usage	T	Includes a table to monthly kWh charged per light per OPCo's tariff	Consistent with OPCo	Schedule E2.1 4A Pg 162-163	Schedule E-1 Part 2A Page 87
Ownership of Facilities	T	Additional clarification language from OPCo	Consistent with OPCo	Schedule E2.1 4A Pg 163	Schedule E-1 Part 2A Page 88
Term of Contract	T	Deleted the term of contract provision	Consistent with OPCo	Schedule E2.1 4A Pg 163	Schedule E-1 Part 2A Page 88
Special Terms of Contract	T	Additional clarification language from OPCo	Consistent with OPCo	Schedule E2.1 4A Pg 163	Schedule E-1 Part 2A Page 88
SL	T	Changed the Schedule Number to 41	Consistent with OPCo		
Availability of Service	T	Used Clarification language from OPCo tariff	Clarification, Consistent with OPCo	Schedule E2.1 4A Pg 160	Schedule E-1 Part 2A Page 89
Service to be Rendered	T	Adopted OPCo process and language	Consistent with OPCo	Schedule E2.1 4A Pg 160	Schedule E-1 Part 2A Page 89
Monthly Rate	I	Added a section for charges related to Current Installations in the CSP Area. Updated These Rates per Cost of Service	Necessary to keep current contracts in place due to a difference between the operations of outdoor lighting between the two Companies.	Schedule E2.1 4A Pg 150-151	Schedule E-1 Part 2A Page 92-93
All Installations after Dec 31	I	Shows all lamps and rates with merged rates and descriptions from OPCo process and tariff. Updated Rates Per Cost of Service	Merged Operations and consistency between Operating Companies	Schedule E2.1 4A Pg 151-153	Schedule E-1 Part 2A Page 93-94
Applicable Riders	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule	Schedule E2.1 4A Pg 153	Schedule E-1 Part 2A Page 93-95
Monthly Kilowatt Hour Usage	T	Includes a table to monthly kWh charged per light per OPCo's tariff	Consistent with OPCo	Schedule E2.1 4A Pg 154	Schedule E-1 Part 2A Page 95
Electric Receptacles	I	Adopted OPCo process and language	Consistent with OPCo	Schedule E2.1 4A Pg 154	Schedule E-1 Part 2A Page 95
Electric Energy Rate	I	Updated rates from Cost of Service and used clarifying language from OPCo tariff	Consistent with OPCo	Schedule E2.1 4A Pg 155	Schedule E-1 Part 2A Page 96
Relocation and Removal of Lamps	I	Adopted OPCo process and language	Consistent with OPCo	Schedule E2.1 4A Pg 157	Schedule E-1 Part 2A Page 97-98
Lamp Outages	T	Moved from Previous Section to match OPCo's format	Consistent with OPCo	Schedule E2.1 4A Pg 157	Schedule E-1 Part 2A Page 98
PA					
Availability of Service	T	Clarification for Cable TV and definition of attachment	Clarification	Schedule E2.1 4A Pg 164	Schedule E-1 Part 2A Page 99
	I	Updated Rates per WP3-1a-r	Updated Rates to current costs per Distribution Test Year per WP3-1aas-aasb	Schedule E2.1 4A Pg 164	Schedule E-1 Part 2A Page 99
	I	Added Provision for Inspections	Addresses charges for unauthorized Pole Attachments	Schedule E2.1 4A Pg 167	Schedule E-1 Part 2A Page 101
Supplement 18	T	Eliminated Schedule	Schedule is no longer available	Schedule E2.1 4A Pg 168	
Universal Service Fund	LR	Update Effective Date and New Rate	Rate reflects proposed combination of CSP and OPCo due to pending merger case	Schedule E2.1 4A Pg 170	Schedule E-1 Part 2A Page 103
Advanced Energy Fund	T	Removed Schedule	This Schedule Expired December 31, 2010	Schedule E2.1 4A Pg 171	
kWh Tax	T	Changed Effective Date	Date Changed to reflect Approval of new tariff	Schedule E2.1 4A Pg 172	Schedule E-1 Part 2A Page 104

COLUMBUS SOUTHERN POWER COMPANY
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RATIONALE FOR TARIFF CHANGES

Data: 3 Mos Act 9 Mos Est
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Work Paper Reference No(s):

Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Date Reference Routine (E)	Date Reference Proposed (F)
Provide of Last Resort	T	Reference Ohio Revised Code	Clarification of Ohio Revised Code		
	T	Changed Effective Date	Date Changed to reflect Approval of new tariff	Schedule E2.1 4A Pg 173	Schedule E-1 Part 2A Page 105
Emergency Price Curtailable Service Rider	I/R	Updated Rate	Rate to reflect Changes from ESP Case		
	T	Remove Reference to GS-3 and GS-4	These Schedules were eliminated	Schedule E2.1 4A Pg 175	Schedule E-1 Part 2A Page 107-109
Energy Price Curtailable Service Rider	T	Remove Reference to GS-3 and GS-4	These Schedules were eliminated	Schedule E2.1 4A Pg 178	Schedule E-1 Part 2A Page 110-113
Monongahela Power Litigation Termination Rider		Remove Rider	Rider set to expire in 2011	Schedule E2.1 4A Pg 182	
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	I/R	Update Effective Date and New Rate	Rate reflects proposed combination of CSP and OPCo due to pending merger case	Schedule E2.1 4A Pg 185	Schedule E-1 Part 2A Page 117
Economic Development Rider	R	Update Effective Date and New Rate	Rate reflects proposed combination of CSP and OPCo due to pending merger case	Schedule E2.1 4A Pg 186	Schedule E-1 Part 2A Page 118
Enhanced Service Reliability Rider	I	Update Effective Date and New Rate	Rate reflects proposed combination of CSP and OPCo due to pending merger case	Schedule E2.1 4A Pg 187	Schedule E-1 Part 2A Page 119
gridSMART Rider	R	Moved from CSP. Update Effective Date and New Rate	Rate reflects proposed combination of CSP and OPCo due to pending merger case	Schedule E2.1 4A Pg 188	Schedule E-1 Part 2A Page 120
Emergency Electrical Procedures		This Schedule was eliminated	This Schedule was eliminated	Schedule E2.1 4A Pg 200-208	
Deferred Asset Recovery Rider		New Rider Established to begin Cycle 1, 2013	Rider to collect Regulatory Assets, to begin Cycle 1, 2013	Schedule E2.1 4A Pg 190	Schedule E-1 Part 2A Page 122
Standard Offer Generation Service Rider		New Rider Established to reflect Generation Rates	Generation rates are proposed through ESP. If Distribution is approved prior to the ESP, this rider will be necessary to bill the Generation Rates. These rates are updated through the Company's ESP Case		
Distribution Investment Rider		New Rider Proposed to Collect Incremental Distribution Investment	Rider Initially set at zero. Rider value will update in subsequent filing based on Net Plant value of FERC Form 1	Schedule E2.1 4A Pg 191-198	Schedule E-1 Part 2A Page 123-142
				Schedule E2.1 4A Pg 199	Schedule E-1 Part 2A Page 143

**VOLUME THREE
(PART 5 of 5)**

SCHEDULE E-3

**PART 5B NARRATIVE RATIONALES FOR COLUMBUS SOUTHERN POWER
COMPANY OPEN ACCESS DISTRIBUTION SERVICE TARIFF
CHANGES**

COLUMBUS SOUTHERN POWER COMPANY
CASE NO 11-351-EL-AIR
RATIONALE FOR OPEN ACCESS
DISTRIBUTION (OAD) TARIFF CHANGES

Schedule E-3 5B
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Witness Responsible:
Andrea Moore

Data: 3 Mos Act 9 Mos Est
Type of Filing: Original
Work Paper Reference No(s):

Rate	Type	Explanation of Change (C)	Rationale of Change (D)	Data Reference Redline (E)	Data Reference Proposed Combined (F)
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Sheet Numbers Effective Date	T	Update Sheet Numbers as necessary Remove Effective Dates	Reflects changes in number of sheets New Effective Dates to Coincide with Order	Schedule E2.1 4B Pg 1 Schedule E2.1 4B Pg 1	Schedule E-1 Part 2B Page 1 Schedule E-1 Part 2B Page 1
Cross Reference:					
Residential Service					
Schedule RR1	T	Eliminated Schedule RR-1	Consistency between Operating Companies	Schedule E2.1 4B Pg 1	Schedule E-1 Part 2B Page 1
Schedule RLM	T	Eliminated Schedule RLM	This provision was moved to a section in RS	Schedule E2.1 4B Pg 1	Schedule E-1 Part 2B Page 1
Schedule RS-ES	T	Eliminated Schedule RS-ES	This provision was moved to a section in RS	Schedule E2.1 4B Pg 1	Schedule E-1 Part 2B Page 1
Schedule RS-TOD	T	Eliminated Schedule RS-TOD	This provision was moved to a section in RS	Schedule E2.1 4B Pg 1	Schedule E-1 Part 2B Page 1
Schedule DLC	T	Added Reference to Experimental Direct Load Control	New Schedule	Schedule E2.1 4B Pg 1	Schedule E-1 Part 2B Page 1
General Service					
Description	T	GS-2 Changed Description to Large	New GS Tariffs no longer differentiate by load factor	Schedule E2.1 4B Pg 1	Schedule E-1 Part 2B Page 1
Schedule RS-TOD	T	Eliminated Schedule RS-TOD	This provision was moved to a section in RS	Schedule E2.1 4B Pg 1	Schedule E-1 Part 2B Page 1
Schedule GS-3	T	Eliminated Schedule GS-3	This provision was moved to GS-2	Schedule E2.1 4B Pg 1	Schedule E-1 Part 2B Page 1
Schedule GS-4	T	Eliminated Schedule GS-4	This provision was moved to GS-2	Schedule E2.1 4B Pg 1	Schedule E-1 Part 2B Page 1
Schedule NEMS-H	T	Added Reference to Net Energy Metering Service - Hospitals	New Schedule	Schedule E2.1 4B Pg 1	Schedule E-1 Part 2B Page 1
Schedule OAD AFS	T	Added Reference to Alternative Feed Service	New Schedule	Schedule E2.1 4B Pg 1	Schedule E-1 Part 2B Page 1
Schedule OAD SL	T	Removed Reference to Street Lighting	Consistency between Operating Companies	Schedule E2.1 4B Pg 1	Schedule E-1 Part 2B Page 1
Schedule OAD SL	T	Added Reference to Outdoor Lighting	Consistency between Operating Companies	Schedule E2.1 4B Pg 1	Schedule E-1 Part 2B Page 1
Schedule OAD AL	T	Removed Reference to Private Area Lighting	Consistency between Operating Companies	Schedule E2.1 4B Pg 1	Schedule E-1 Part 2B Page 1
Schedule OAD AL	T	Added Reference to Street Lighting	Consistency between Operating Companies	Schedule E2.1 4B Pg 1	Schedule E-1 Part 2B Page 1
Supplements					
Supplement OAD 6	T	Eliminated Schedule Supplement 6	Supplement 6 is no longer available	Schedule E2.1 4B Pg 2	Schedule E-1 Part 2B Page 1
Supplement OAD 6a	T	Eliminated Schedule Supplement 6a	Supplement 6a is no longer available	Schedule E2.1 4B Pg 2	Schedule E-1 Part 2B Page 1
Supplement 18	T	Eliminated Schedule Supplement 18	Supplement 18 is no longer available	Schedule E2.1 4B Pg 2	Schedule E-1 Part 2B Page 1
Riders					
Description	T	Removed Reference to Advanced Energy Fund	This Schedule Expired December 21, 2010	Schedule E2.1 4B Pg 2	Schedule E-1 Part 2B Page 2
Description	T	Added Reference to Environmental Investment Carrying Cost Rider	Correction: Missing from previous books	Schedule E2.1 4B Pg 2	Schedule E-1 Part 2B Page 2
Description	T	Addition of Deferred Asset Recovery Rider	Proposed Rider to Recover Regulatory Assets	Schedule E2.1 4B Pg 2	Schedule E-1 Part 2B Page 2
Description	T	Addition of Standard Offer Generation Service Rider	Move Generation Rates to separate Rider	Schedule E2.1 4B Pg 2	Schedule E-1 Part 2B Page 2
Description	T	Addition of Distribution Investment Rider	Proposed Rider to Recover Incremental Costs	Schedule E2.1 4B Pg 2	Schedule E-1 Part 2B Page 2
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Sheet Numbers Effective Date	T	Update Sheet Numbers as necessary Remove Effective Dates	Reflects changes in number of sheets New Effective Dates to Coincide with Order	Schedule E2.1 4B Pg 3 Schedule E2.1 4B Pg 3	Schedule E-1 Part 2B Page 3 Schedule E-1 Part 2B Page 3
Description	T	Removed Reference to Supplier Terms and Conditions of Service	This Section is now part of the Terms and Conditions	Schedule E2.1 4B Pg 3	Schedule E-1 Part 2B Page 3
Description	T	Removed Reference to Code of Conduct	New Schedule Replaces old tables in sheets	Schedule E2.1 4B Pg 3	Schedule E-1 Part 2B Page 3
Description	T	Add Reference to Schedule 4-1D Applicable Riders	This provision was moved to a section in GS-2	Schedule E2.1 4B Pg 3	Schedule E-1 Part 2B Page 3
Description	T	Removed Reference to Miscellaneous Distribution Charges	This provision was moved to a section in GS-2	Schedule E2.1 4B Pg 3	Schedule E-1 Part 2B Page 3
Description	T	Remove Reference to Minimum Requirements	New Schedule	Schedule E2.1 4B Pg 3	Schedule E-1 Part 2B Page 3
Schedule OAD GS-2	T	Removed Reference to General Service - Low Load Factor	This provision was moved to a section in GS-2	Schedule E2.1 4B Pg 3	Schedule E-1 Part 2B Page 3
Schedule OAD GS-2	T	Add Reference to General Service - Large	This provision was moved to a section in GS-2	Schedule E2.1 4B Pg 3	Schedule E-1 Part 2B Page 3
Schedule OAD GS-3	T	Removed Reference to General Service Medium Load Factor	New Schedule	Schedule E2.1 4B Pg 3	Schedule E-1 Part 2B Page 3
Schedule OAD GS-4	T	Removed Reference to General Service Large		Schedule E2.1 4B Pg 3	Schedule E-1 Part 2B Page 3
Schedule OAD AFS	T	Add Reference to Alternative Feed Service		Schedule E2.1 4B Pg 3	Schedule E-1 Part 2B Page 3

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DISTRIBUTION (OAD) TARIFF CHANGES

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(A)	Rate	Type	(B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference	
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Schedule OAD SL		T		Removed Reference to Street Lighting	Consistency between Operating Companies	Schedule E2.1 4B Pg 3	Schedule E-1 Part 2B Page 3
Schedule OAD SL		T		Added Reference to Outdoor Lighting	Consistency between Operating Companies	Schedule E2.1 4B Pg 3	Schedule E-1 Part 2B Page 3
Schedule OAD AL		T		Removed Reference to Private Area Lighting	Consistency between Operating Companies	Schedule E2.1 4B Pg 3	Schedule E-1 Part 2B Page 3
Schedule OAD AL		T		Added Reference to Street Lighting	Consistency between Operating Companies	Schedule E2.1 4B Pg 3	Schedule E-1 Part 2B Page 3
Description		T		Removed Reference to Advanced Energy Fund	This Schedule Expired December 31, 2010	Schedule E2.1 4B Pg 4	Schedule E-1 Part 2B Page 3
Description		T		Added Reference to Deferred Asset Recovery Rider	Proposed Rider to Recover Regulatory Assets	Schedule E2.1 4B Pg 4	Schedule E-1 Part 2B Page 3
Description		T		Added Reference to Standard Offer Generation Service Rider	Move Generation Rates to separate Rider	Schedule E2.1 4B Pg 4	Schedule E-1 Part 2B Page 3
Description		T		Added Reference to Distribution Investment Rider	Proposed Rider to Recover Incremental Costs	Schedule E2.1 4B Pg 4	Schedule E-1 Part 2B Page 3
Terms and Conditions of Service (Ts&Cs)							
Ts&Cs - general changes							
				Changes to the Ts&Cs result in the same wording for both CSP and OPCo. CSP and OPCo Ts&Cs have been merged.	Create a uniform set of Ts&Cs for customers served by CSP and OPCo (AEP Ohio). CSP and OPCo Ts&Cs have been merged for clarity and consistency. Parts of CSP's Ts&Cs have been included in OPCo's Ts&Cs and vice versa.		
Section 1 - Contents				Various sheet numbers are revised.	Deletions, additions and relocations to the Ts&Cs result in various sections moving to different pages. Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Topics go hand in hand and are better suited next to other related sections.	Schedule E2.1 4B Pg 7	Schedule E-1 Part 2B Page 13
Section 2 - Application for Service (replaces "Contracts, Applications or Requests for Distribution Service")				Section 2, "Contracts, Applications or Requests for Distribution Service", has been renamed "Application for Service".	Section name change is a better descriptive title related to the provisions included in Section 2.	Schedule E2.1 4B Pg 8	Schedule E-1 Part 2B Page 13
Section 3 - Term of Contract				Section 3, Term of Contract, has been removed.	Deleted sentence is covered in new Section 3, Conditions of Service.	Schedule E2.1 4B Pg 9	
Section 3 - Conditions of Service (new section)				Section has been relocated from Section 7. Conditions of Distribution Service. Wording additions related to the submission of written specifications of electrical apparatus and detailed sketch of customer's facilities that the Company may require to furnish service. Additional wording also included to note the Company reserves the right to specify service characteristics and the point of delivery and metering.	Wording is more applicable under Section 3, Conditions of Service. Improve clarification and conditions of customer's receiving electrical service from the Company. Need to emphasize the Company may require written specifications and detailed sketch before service is provided for engineering design reasons.	Schedule E2.1 4B Pg 9	Schedule E-1 Part 2B Page 14
				Wording added requiring provisions for written agreements prior to the Company providing service, if stipulated in the applicable rate schedule or the customer has unusual or special service characteristics.	Improve clarification of electrical service agreements with the Company.	Schedule E2.1 4B Pg 9	Schedule E-1 Part 2B Page 14

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	T	Wording added requiring each delivery point to be separately billed under the applicable schedule, should the customer desire delivery of energy at more than one (1) point. Wording also added requiring separate written agreements for each delivery point.	Improve clarification that a customer requesting more than one delivery point will be billed separately for each delivery point.	Schedule E2.1 4B Pg 9	Schedule E-1 Part 2B Page 14
Section 4 - Customer Choice of Compulsive Service Providers	T	Section has been relocated to Section 27.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 11	Schedule E-1 Part 2B Page 14
Section 4 - Available Rates (new section)	T	Section has been relocated from Section 8. Wording added in the latter half of the first paragraph of Section 4 to convey the provisions regarding customer schedule selection.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Improve clarification of schedule selection.	Schedule E2.1 4B Pg 11	Schedule E-1 Part 2B Page 14
	T	Moved the sentence "A customer may not change from one (1) open access distribution schedule to another during the term of contract except with the consent of the Company." from Use of Energy by Customer section to this Available Rates section.	Improve clarification of schedule selection. Movement of sentence addresses the issue of customers under contract changing schedules.	Schedule E2.1 4B Pg 11	Schedule E-1 Part 2B Page 14
Section 5 - Changing Compulsive Service Providers	T	Section has been relocated to Section 26.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 11	Schedule E-1 Part 2B Page 34
Section 5 - Company's Agents Not Empowered to Change Tariffs (new section)	T	Section has been relocated from Section 25.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 13	Schedule E-1 Part 2B Page 15
Section 6 - Minimum Stay Requirements	T	Section has been relocated to Section 30.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 13	Schedule E-1 Part 2B Page 37
Section 6 - Change of Rates or Regulations (new section)	T	Section has been relocated from Section 28.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 15	Schedule E-1 Part 2B Page 15
Section 7 - Conditions of Distribution Service	T	Section has been relocated to Section 3.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 9	Schedule E-1 Part 2B Page 14
Section 7 - Inspections (new section)	T	New section added. Wording included in this Section 8 conveys that the customer must properly install and maintain their wiring and electrical equipment, and the customer shall be responsible for the character and condition of their equipment including proper inside wiring and grounding and shall be in accordance with the requirements of the National Electric Code. Wording included that states the Company makes no inspection of customer's wiring and in no event shall be responsible.	Improve clarification and requirements of customer's wiring installation.	Schedule E2.1 4B Pg 17	Schedule E-1 Part 2B Page 15

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Section 8 - Available Rates	T	Portions of paragraphs 1, 2, and 3 from OP. Section has been relocated to Section 4.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 15	Schedule E-1 Part 2B Page 14
Section 8 - Location & Maintenance of Company's Equipment (new section)	T	All taken from OP. Section has been relocated from Section 24. Added wording or reconstructed sentence requiring the customer to provide suitable space and access for the installation and maintenance of equipment.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Improve clarification of Company requirements for location and maintenance of Company's equipment. Wording was added to help defend claims where obstacles, planted or constructed, are removed during repair of Company equipment. This applies mainly to fences and trees that hinder the opening and repair of underground transformers.	Schedule E2.1 4B Pg 17	Schedule E-1 Part 2B Page 16
Section 9 - Service Connections (new section)	T	Inserted "Company Owned" to clarify equipment ownership.	Improve clarification of Company requirements for location and maintenance of Company's equipment.	Schedule E2.1 4B Pg 16	Schedule E-1 Part 2B Page 16
Section 10 - Meters and Metering Equipment	I	Portions of paragraph 1 from OP. Paragraph 2 from OP. Section has been relocated from Section 9. Service Connection. Wording added regarding service provisions from an underground distribution system.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Improve clarification of Company's underground distribution system service, and customer's cost responsibility.	Schedule E2.1 4B Pg 19	Schedule E-1 Part 2B Page 16
Section 10 - Extension of Local Facilities (new section)	T	Section has been included in new Section 14, Meter Registration and Testing. Section has been relocated from Section 33. Added wording from former section 13 (of the OP&Co Standard Ts&Cs) to convey the availability of the rural line extension plan specified in Chapter 4901.1-9-07 of the Ohio Administrative Code.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 20	Schedule E-1 Part 2B Page 22
	T	Wording is added to convey various service connections shall be made in an approved manner and under specific requirements. Wording added that "The company has the right to access a service fee when multiple trips are made for service installation and can not be completed due to customer installation issues."	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Wording additions added to clarify the Company's rural line extension plan.	Schedule E2.1 4B Pg 20	Schedule E-1 Part 2B Page 17
	T		Improve clarification of provisions for service connections. Clarify issues where some areas of the Company are having to make multiple trips to customers property due to the fact that the installation of the wiring for the meter to be installed is performed incorrectly. Having a fee for multiple trips should help address this issue. Cost will mirror that of a trip for reconnection.	Schedule E2.1 4B Pg 21	Schedule E-1 Part 2B Page 17-20

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		Inserted the words, "seasonal operations" in item no. 8 of Definitions included in Section 10.	Added words "seasonal operations" helps address issues of farmers with seasonal loads requesting three phase service at a CIAC cost which only operates two months per year. Added words "and nonresidential" are inserted because commercial and industrial customers are not currently addressed regarding the tax gross-up issue. This helps clarify that residential customers are not the only customers with the tax gross-up regarding their cost.	Schedule E2.1 4B Pg 22	Schedule E-1 Part 2B Page 17-20
Section 11 - Meter Testing	T	Section has been included in new Section 14, Meter Registration and Testing.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 29	Schedule E-1 Part 2B Page 22
Section 11 - Temporary and Special Service (new section)	T	Section has been relocated from Section 22. Wording is added to display cost to read-in and read-out an existing meter, including cost for single-phase 120/240 volt service from existing source.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Wording is added to clarify the cost to provide temporary and special services.	Schedule E2.1 4B Pg 25	Schedule E-1 Part 2B Page 20
Section 12 - Demand Testing	T	Paragraphs 1, 2, and 4 from OP.		Schedule E2.1 4B Pg 29	Schedule E-1 Part 2B Page 22
Section 12 - Work Performed on Company's Facilities at Customer's Request (new section)	T	New section added. Wording included in this Section 12 conveys the provisions regarding work performed on Company's facilities at customer's request.	Improve clarification of Company policy regarding work performed on Company's facilities when a customer makes such request.	Schedule E2.1 4B Pg 26	Schedule E-1 Part 2B Page 20
Section 13 - Metering and Load Profiling	T	All taken from OP.		Schedule E2.1 4B Pg 32	Schedule E-1 Part 2B Page 23
Section 13 - Nominal Voltage Levels (new section)	T	Section has been relocated from Section 30, formerly named "Nominal Service Voltages". Wording added to convey the Company will design and operate its system so that under normal operating conditions the voltage delivered at the customer's service entrance is maintained within the range of plus or minus 5% of the nominal voltage. Also, wherever voltages will be known to exist outside of such range, the Company will take steps to promptly initiate corrective action to restore the voltage level to within such range.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Improve clarification of the nominal voltage range and Company's action to restore corrective voltage levels.	Schedule E2.1 4B Pg 29	Schedule E-1 Part 2B Page 21
	T	Last paragraph from OP.			

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Section 14 - Deposits	(B)	Section has been relocated to Section 21.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 29	Schedule E-1 Part 2B Page 30
Section 14 - Meter Registration and Testing (new section)	C	Former Sections 10, 11, and 12 are included in this new Section 14. Meter Registration and Testing.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Improve clarification of the provisions for meter registration and testing.	Schedule E2.1 4B Pg 29	Schedule E-1 Part 2B Page 21
Section 15 - Customer's Liability	I	Portions of paragraph 3 from OP. Paragraph 4 from OP. Paragraph 5 new to OP and CSP.			
Section 15 - Customer's Liability	T	Section has been relocated to Section 18.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 31	Schedule E-1 Part 2B Page 26
Section 16 - Metering and Load Profiling (new section)	T	Section has been relocated from Section 13. Added wording. "The customer is responsible for providing the telephone line and cost associated with telephone communications for purposes of reading the meter."	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Added wording clarifies that if a customer wants a cell phone meter, the cost of the monthly cell phone charge is the responsibility of the customer.	Schedule E2.1 4B Pg 32	Schedule E-1 Part 2B Page 23
Section 16 - Use and Resale of Energy	T	Added wording. "The customer may select a meter from the Company's approved standard equipment list. If a customer selects any meter other than those shown on the approved standard list, the customer accepts responsibility for any incremental cost which the meter may require to upkeep, maintain, or replace the meter due to failure."	Rational for added wording is due to cell phone meters being close to the cost for standard meters, are more likely to fail and have other issues with communications. These meters are not preferred by the Company, but can be attractive to customers for the reduced costs of installing a land-line. Because of the issues with the meters, the Company believes the customer is responsible for any incremental costs due to the installation of these meters.	Schedule E2.1 4B Pg 32	Schedule E-1 Part 2B Page 23-24
Section 16 - Use of Energy by Customer (new section)	T	Section has been relocated from Section 23. Former Sections 20 and 21 are included in this new Section 16. Use of Energy by Customer. Moved the sentence "A customer may not change from one (1) open access distribution schedule to another during the term of contract except with the consent of the Company," from Use of Energy by Customer section to Section 4. Available Rates.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 34	Schedule E-1 Part 2B Page 25
Section 17 - Billing and Bills Payable	T	Paragraphs 1, 2, 3, 4, 5, 8, 9, and 10 from OP. Section has been relocated to Section 22.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Improve clarification of the use of energy by customer.	Schedule E2.1 4B Pg 34	Schedule E-1 Part 2B Page 24
	T		Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 37	Schedule E-1 Part 2B Page 30

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Section 17 - Resale of Energy (new section)	T	Section has been relocated from Section 18 and renamed "Resale of Energy" (Formerly named, "Use and Resale of Energy").	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 37	Schedule E-1 Part 2B Page 25
Section 18 - Collection, Reconnection, and Bad Check Charges	T	Collection and Reconnection charge provisions have been relocated to Section 24, Denial or Discontinuance of Service. Bad Check charge provisions have been relocated to Section 22, Bills and Bills payable.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 37	Schedule E-1 Part 2B Page 32
Section 18 - Customer's Liability (new section)	T	Section has been relocated from Section 15. Significant wording added to the provisions of customer's liability to convey circumstances when the customer is liable and when the customer is not liable	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Improve clarification of the customer's liability in receiving service from the Company.	Schedule E2.1 4B Pg 38	Schedule E-1 Part 2B Page 25
Section 19 - Service Interruptions	T	All except paragraph 6 from OP.	Section has been included in new Section 19, Company's Liability.	Schedule E2.1 4B Pg 41	Schedule E-1 Part 2B Page 27
Section 19 - Company's Liability (new section)	T	New section added to convey Company's liability. Wording is adopted from the OPCo OAD provisions for Company's Liability. Wording and provisions are also reflected from former section 19, Service Interruptions.	New section added. Wording adopted from OPCo OAD Ts&Cs creates uniform and consistent provisions for both CSP and OPCo. Improves clarification of areas the Company is and is not liable. Improves clarification of Company's liability in providing service, meter ownership and maintenance, losses due to interruptions and third party theft and damages of Company's facilities. Clarifies Company's liability will not exceed the actual cash value or cost of repairing equipment, whichever is less, and improves clarification of Company's liability in equipment repair.	Schedule E2.1 4B Pg 41	Schedule E-1 Part 2B Page 27
Section 20 - Notice to Company Before Increasing Load	T	Portions of paragraphs 1 and 3 expanded based on OP. Paragraphs 4, 5, 6, and 7 from OP.	Section has been included in Section 16, Use of Energy by Customer.	Schedule E2.1 4B Pg 34	Schedule E-1 Part 2B Page 24
Section 20 - Residential Service (new section)	T	Section has been relocated from Section 29, Definition of Residential Customer. This section includes the provisions shown in former Section 28 - Establishment of Credit For Residential Utility Service and Disconnect, Reconnect - Procedures - Residential. Wording added to convey or define Residential Customer is a customer whose domestic needs for distribution service are limited to their primary single family residence, single occupancy apartment and/or condominium, mobile housing unit, or any other single family residential unit.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Added wording improves clarification that service is limited to their residence.	Schedule E2.1 4B Pg 42	Schedule E-1 Part 2B Page 29

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Section 21 - Notice to Company of Any Defect in Distribution Service	T	Section has been included in Section 16, Use of Energy by Customer.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 43	Schedule E-1 Part 2B Page 24
Section 21 - Deposits (new section)	T	Section has been relocated from Section 14, Wording added to convey the security for payment of bills as specified in Chapter 4901.1-10-14 of the Ohio Administrative Code. Wording is also included stating the Company will be entitled to pursue adequate assurance of payment for electric service, if a customer files for protection under provisions of the United States Bankruptcy Code.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Wording added to provide assurance of payment of electric service.	Schedule E2.1 4B Pg 43	Schedule E-1 Part 2B Page 30
	C	Added "Chapters 4901.1-10-14 and 4901.1-17-03..."	Added words and code numbers. "Chapters 4901.1-10-14 and 4901.1-17-03..." clarifies Chapter 17 of the Ohio Administrative Code that address residential deposits, while Chapter 10 addresses nonresidential.	Schedule E2.1 4B Pg 44	Schedule E-1 Part 2B Page 30
Section 22 - Temporary and Special Service	T	Paragraphs 1 and 2 from OP. Portions of paragraph 3 from OP.			
Section 22 - Billing and Bills Payable (new section)	T	Section has been relocated from Section 11.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 44	Schedule E-1 Part 2B Page 20
	T	Section has been relocated from Section 17, Wording added to the provisions of Billing and Bills Payable to state customer's responsibility and circumstances surrounding distribution and special billing.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Improve clarification of certain billing circumstances and customer responsibility to pay for service provided by the Company.	Schedule E2.1 4B Pg 45	Schedule E-1 Part 2B Page 30
Section 23 - Use of Energy by Customer	T	Portion of Paragraph 1 from OP. Paragraph 2, 3, 4, 5, 7, 8, and 9 from OP.			
	T	Section has been relocated to Section 10.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 27	Schedule E-1 Part 2B Page 24
Section 23 - Change of Address by Customer (new section)	T	New section added to convey provisions for customer address changes.	New section added. New section emphasizes the responsibility of an existing customer to notify the Company when service is to be discontinued and to provide a mailing address for the final bill.	Schedule E2.1 4B Pg 47	Schedule E-1 Part 2B Page 32
Section 24 - Location & Maintenance of Company's Equipment	T	Section has been relocated to Section 8.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 49	Schedule E-1 Part 2B Page 16

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Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference Redline (E)	Data Reference Proposed Combined (F)
Section 24 - Denial or Discontinuance of Service (new section)		New section added to convey provisions for denying or discontinuing service.	New section added. New section emphasizes the Company's right to refuse any applicant for service if the applicant is indebted to the Company for any service rendered at any location, provided the Company advises applicant to such effect, and provided that indebtedness for one (1) class of service shall not cause the refusal of service to a different class of service. Wording also added to convey the Company reserves the right to discontinue service to any customer without notice in case of an emergency or to prevent theft from or fraud upon the Company.	Schedule E2.1 4B Pg 49	Schedule E-1 Part 2B Page 32
Section 25 - Company's Agents Not Empowered to Change Tariffs (new section)	T	All from OP. Paragraphs 4 and last new to OP and OSP.		Schedule E2.1 4B Pg 50	Schedule E-1 Part 2B Page 15
Section 25 - Disconnect Provisions - Non-Residential (new section)	T	Section has been relocated from Section 27. Disconnect Provisions - Non-Residential - Reasons for Disconnect. Wording added to convey provisions for disconnect such as when the customer vacates the premises; repairs; customer request for disconnect; former customer whose account is in arrears for service; and when an emergency may threaten the health or safety of a person, a surrounding area, or the operation of the companies electrical system.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 50	Schedule E-1 Part 2B Page 32
Section 26 - Change of Rates or Regulations	T	Section has been relocated to Section 6.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 51	Schedule E-1 Part 2B Page 15
Section 26 - Changing Competitive Service Providers (new section)	T	Section has been relocated from Section 5.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 51	Schedule E-1 Part 2B Page 34
Section 27 - Disconnect Provisions - Non-Residential	T	Section has been relocated to Section 26.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 54	Schedule E-1 Part 2B Page 34
Section 27 - Customer Choice of Competitive Service Provider (new section)	T	Section has been relocated from Section 4.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 55	Schedule E-1 Part 2B Page 38
Section 28 - Establishment of Credit For Residential Utility Service And Disconnect Reconnect - Procedures - Residential	T	Section has been included in Section 20, Residential Service.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 56	Schedule E-1 Part 2B Page 29

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Section 28 - Losses (new section)	T	Section has been relocated from Section 32.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 56	Schedule E-1 Part 2B Page 36
Section 29 - Transmission Service (moved)	T			Schedule E2.1 4B Pg 58	Schedule E-1 Part 2B Page 37
Section 30 - Minimum Stay Requirements (moved)	T			Schedule E2.1 4B Pg 59	Schedule E-1 Part 2B Page 37
Section 31 - Supplier Terms and Conditions of Service	T	New to OP and CSP.		Schedule E2.1 4B Pg 62	Schedule E-1 Part 2B Page 38
Section 32 - Code of Conduct	T	New to OP and CSP.		Schedule E2.1 4B Pg 86	Schedule E-1 Part 2B Page 55
Section 33 - Minimum Requirements for Distribution System Interconnection	T	New to OP and CSP.		Schedule E2.1 4B Pg 90	Schedule E-1 Part 2B Page 57
Section 29 - Definition of Residential Service	T	Section has been relocated to Section 20, Residential Service.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 57	Schedule E-1 Part 2B Page 29
Section 29 - Transmission Service (new section)	T	Section has been relocated from Section 31. Wording added to convey unless other arrangements have been made, the scheduling entity will be billed by the Transmission Provider for transmission services. Wording also added to convey the contracting entity must also purchase or provide ancillary services as specified under the applicable Open Access Transmission Tariff.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Improve clarification of Transmission Service provisions.	Schedule E2.1 4B Pg 58	Schedule E-1 Part 2B Page 37
Section 30 - Nominal Service Voltages	T	Section has been relocated to Section 13, Nominal Voltage Levels.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 59	Schedule E-1 Part 2B Page 21
Section 30 - Minimum Stay Requirements (new section)	T	Section has been relocated from Section 6.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 59	Schedule E-1 Part 2B Page 37
Section 31 - Suppliers Terms and Conditions (new section)	I,R	New section added to the Ts&Cs. Section has been relocated from Sheet Nos. 3-23D through 3-40D.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 62	Schedule E-1 Part 2B Page 38
Section 32 - Losses	T	Section has been relocated to Section 28.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 86	Schedule E-1 Part 2B Page 36
Section 32 - Code of Conduct (new section)	T	New section added to the Ts&Cs. Section has been relocated from Sheet Nos. 3-41D through 3-42D.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4B Pg 86	Schedule E-1 Part 2B Page 55

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Rate	Type	Explanation of Change (C)	Rationale of Change (D)	Data Reference	
				Reference Redline (E)	Proposed Combined (F)
Section 33 - Minimum Requirements for Distribution System Interconnection (new section)		Section has been relocated from Sheet Nos. 6-1D through 6-6D to Section 27 (new section of the Ts&Cs). Added specific wording and fees for various installation types for single and three phase service.	Improve flow of contents included in the Ts&Cs. Improve clarification of Company's minimum requirements for distribution system interconnections including specific interconnection fees for single and three phase applications.	Schedule E2.1 4B Pg 90	Schedule E-1 Part 2B Page 57
Applicable Riders	T	Added Summary of Riders	One Sheet that Summarizes Riders	Schedule E2.1 4B Pg 121	Schedule E-1 Part 2B Page 61
Schedules					
Residential Service (RS) Availability of Service	T	Removed Reference to Line Extension	Reference no longer needed and maintains consistency between the Operating Companies' Tariffs	Schedule E2.1 4B Pg 129	Schedule E-1 Part 2B Page 62
Monthly Rate	(R)	Addition of Demand Metered and Non-Demand Metered Customers	Recognized the difference in residential meters and charges per kWh or kW	Schedule E2.1 4B Pg 129	Schedule E-1 Part 2B Page 62
Seasonal Provision	T	Remove Blocking, seasonal periods Provision	Distribution Rate Design no longer reflects blocked, seasonal residential rate	Schedule E2.1 4B Pg 129	Schedule E-1 Part 2B Page 62
Minimum Charge	T	Minimum charge paragraph updated and moved	Maintain Consistency between Operating Companies	Schedule E2.1 4B Pg 129	Schedule E-1 Part 2B Page 62
Applicable Riders	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule	Schedule E2.1 4B Pg 131	Schedule E-1 Part 2B Page 63
Special Terms and Conditions	T	Added Agricultural Provision and clarifying language from Ohio Power Tariffs	Language taken from OP&Co, maintain consistency between Operating Companies	Schedule E2.1 4B Pg 131	Schedule E-1 Part 2B Page 63
GS-1					
Availability of Service	T	Added secondary customers	Clarification, Consistent with OP&Co	Schedule E2.1 4B Pg 131	Schedule E-1 Part 2B Page 65
Monthly Rates	I	Updates Distribution Rates	New rates reflect updated Cost of Service	Schedule E2.1 4B Pg 131	Schedule E-1 Part 2B Page 65
Minimum Charge	T	Added the language of all applicable riders	Clarification, consistent with OP&Co	Schedule E2.1 4B Pg 131	Schedule E-1 Part 2B Page 65
Delayed Payment Charge	T	Adopted OP&Co language on bills due and payable; Changed Balance in which rate is multiplied per Ohio Power Tariffs	Clarification, Consistent with OP&Co	Schedule E2.1 4B Pg 132	Schedule E-1 Part 2B Page 66
Applicable Riders	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule	Schedule E2.1 4B Pg 134	Schedule E-1 Part 2B Page 67
Special Terms and Conditions	T	Adopted OP&Co clarifying language	Clarification, Consistent with OP&Co	Schedule E2.1 4B Pg 134	Schedule E-1 Part 2B Page 67
GS-2					
Availability of Service	T	Clarify Usage level, Remove Reference to Time-of-Day Provision	Clarification, Consistent with OP&Co	Schedule E2.1 4B Pg 135	Schedule E-1 Part 2B Page 68

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Rate	Type	Explanation of Change (C)	Rationale of Change (D)	Data	
				Reference Redline (E)	Proposed Combined (F)
Monthly Rates	I,R	Update Distribution Rates	New rates reflect updated Cost of Service	Schedule E2.1 4B Pg 135	Schedule E-1 Part 2B Page 68
Minimum and Maximum charge	T	Redefine Minimum Charge; eliminate maximum charge	Minimum charge no longer distinguished by size of customer, maximum charge no longer necessary	Schedule E2.1 4B Pg 135	Schedule E-1 Part 2B Page 68
Delayed Payment Charge	T	Moved	Consistent with OPCo	Schedule E2.1 4B Pg 137	Schedule E-1 Part 2B Page 69
Excess KVAR/KVA Demand	T	Added KVA Demand from GS-3 Tariff. KVAR Demand comes from OPCo	Provision from GS-3 for KVA demand necessary since GS-3 is eliminated but provisions need to be in GS-2; KVAR Demand is to be consistent with OPCo	Schedule E2.1 4B Pg 139	Schedule E-1 Part 2B Page 70
Metered Voltage	T	Addition of KVAR and RKV/AH	Consistent with OPCo	Schedule E2.1 4B Pg 140	Schedule E-1 Part 2B Page 71
Delayed Payment Charge	T	Adopted OPCo language on bills due and payable; Changed Balance in which rate is multiplied per Ohio Power Tariffs	Clarification, Consistent with OPCo	Schedule E2.1 4B Pg 137	Schedule E-1 Part 2B Page 69
Term of Contract	T	Adopted OPCo language on supplying capacity in excess of contract amount	Consistent with OPCo	Schedule E2.1 4B Pg 140	Schedule E-1 Part 2B Page 71
Special Terms and Conditions	T	Adopted OPCo language on Welders X-Ray Machines Etc. and some additional clarifying language	Clarification, Consistent with OPCo	Schedule E2.1 4B Pg 140	Schedule E-1 Part 2B Page 71
SBS					
Monthly Charges for Standby Service	T	Removed Reference to Columbus Southern Power	Change to Company consistent with one Operating Company going forward	Schedule E2.1 4B Pg 150	Schedule E-1 Part 2B Page 74
Delayed Payment Charge	T	Adopted OPCo language on bills due and payable; Changed Balance in which rate is multiplied per Ohio Power Tariffs	Clarification, Consistent with OPCo	Schedule E2.1 4B Pg 150	Schedule E-1 Part 2B Page 76
Applicable Riders	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule	Schedule E2.1 4B Pg 153	Schedule E-1 Part 2B Page 76
NEMS					
Monthly Charges	T	Remove Reference to GS-3	Eliminated Schedule GS-3	Schedule E2.1 4B Pg 155	Schedule E-1 Part 2B Page 79
AFS	T	Added Schedule AFS (Alternative Feed Service Rider)	Addition option for customers requesting Alternative Feed Service	Schedule E2.1 4B Pg 156	Schedule E-1 Part 2B Page 80
OL					
Monthly Rate	T	Changed Schedule to 4B-1 and name to Outdoor Lighting	Consistent with OPCo	Schedule E2.1 4B Pg 161	Schedule E-1 Part 2B Page 85
	T	Changed upsweep arm to 6 foot	Consistent with OPCo	Schedule E2.1 4B Pg 161	Schedule E-1 Part 2B Page 85
	T	Updated Table to include currently available lights and description of lumens per OPCo	Consistent with OPCo	Schedule E2.1 4B Pg 162	Schedule E-1 Part 2B Page 85-86
Discontinued Lamps	T	Added a section for discontinued lamps	Adds More clarity to Tariff	Schedule E2.1 4B Pg 162	Schedule E-1 Part 2B Page 86

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Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Date	
				Reference Redline (E)	Proposed Combined (F)
Current CSP Customers	I	Added a section for charges related to Current installations in the CSP Area	Necessary to keep current contracts in place due to a difference between the operations of outdoor lighting between the two Companies.	Schedule E2.1 48 Pg 162	Schedule E-1 Part 2B Page 86
All New Installations	I	Updated Other Equipment Charges reflects OPCo's operations	Consistent with OPCo	Schedule E2.1 48 Pg 163	Schedule E-1 Part 2B Page 87
Delayed Payment Charge	T	Adopted OPCo language on bills due and payable; Changed Balance in which rate is multiplied per Ohio Power Tariffs	Clarification, Consistent with OPCo; Changes Percent of Payment due for non-residential Customers	Schedule E2.1 48 Pg 164	Schedule E-1 Part 2B Page 88
Applicable Riders	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule	Schedule E2.1 48 Pg 164	Schedule E-1 Part 2B Page 89
Monthly Kilowatt Hour Usage	T	Includes a table to monthly kWh charged per light per OPCo's tariff	Consistent with OPCo	Schedule E2.1 48 Pg 165	Schedule E-1 Part 2B Page 89
Ownership of Facilities	T	Additional clarification language from OPCo	Consistent with OPCo	Schedule E2.1 48 Pg 165	Schedule E-1 Part 2B Page 90
Term of Contract	T	Deleted the term of contract provision	Consistent with OPCo	Schedule E2.1 48 Pg 165	Schedule E-1 Part 2B Page 90
Special Terms of Contract	T	Additional clarification language from OPCo	Consistent with OPCo	Schedule E2.1 48 Pg 165	Schedule E-1 Part 2B Page 90
SL	T	Changed the Schedule Number to 41	Consistent with OPCo	Schedule E2.1 48 Pg 167	Schedule E-1 Part 2B Page 91
Availability of Service	T	Used Clarification language from OPCo tariff	Clarification, Consistent with OPCo	Schedule E2.1 48 Pg 167	Schedule E-1 Part 2B Page 91
Service to be Rendered	T	Adopted OPCo process and language	Consistent with OPCo	Schedule E2.1 48 Pg 167	Schedule E-1 Part 2B Page 91
Monthly Rate	T	Added a section for charges related to Current installations in the CSP Area	Necessary to keep current contracts in place due to a difference between the operations of outdoor lighting between the two Companies.	Schedule E2.1 48 Pg 167	Schedule E-1 Part 2B Page 91
All Installations after Dec 31	I	Shows all lamps and rates with merged rates and descriptions from OPCo process and tariff	Merged Operations and consistency between Operating Companies	Schedule E2.1 48 Pg 167	Schedule E-1 Part 2B Page 95
Applicable Riders	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule	Schedule E2.1 48 Pg 170	Schedule E-1 Part 2B Page 98
Monthly Kilowatt Hour Usage	T	Includes a table to monthly kWh charged per light per OPCo's tariff	Consistent with OPCo	Schedule E2.1 48 Pg 171	Schedule E-1 Part 2B Page 98
Electric Receptacles	I	Adopted OPCo process and language	Consistent with OPCo	Schedule E2.1 48 Pg 171	Schedule E-1 Part 2B Page 98
Electric Energy Rate	T	Updated rates and used clarifying language from OPCo tariff	Consistent with OPCo	Schedule E2.1 48 Pg 172	Schedule E-1 Part 2B Page 98
Relocation and Removal of Lamps	I	Adopted OPCo process and language	Consistent with OPCo	Schedule E2.1 48 Pg 174	Schedule E-1 Part 2B Page 99
Lamp Outages	T	Moved from Previous Section to match OPCo's format	Consistent with OPCo	Schedule E2.1 48 Pg 175	Schedule E-1 Part 2B Page 100
PA	T				
Availability of Service	T	Clarification for Cable TV and definition of attachment	Clarification	Schedule E2.1 48 Pg 176	Schedule E-1 Part 2B Page 101

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Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference Redline (E)	Data Reference Proposed Combined (F)
	I	Updated Rates	Updated Rates to current costs per Distribution Test Year	Schedule E2.1 4B Pg 176	Schedule E-1 Part 2B Page 101
	I	Added Provision for Inspections	Adds charges for unauthorized Pole Attachments	Schedule E2.1 4B Pg 179	Schedule E-1 Part 2B Page 103
Rider Schedules					
Universal Service Fund	I, R	Update Effective Date and New Rate	Rate reflects proposed combination of CSP and OP/Co due to pending merger case	Schedule E2.1 4B Pg 181	Schedule E-1 Part 2B Page 105
Advanced Energy Fund	T	Removed Schedule	This Schedule Expired December 31, 2010	Schedule E2.1 4B Pg 182	Schedule E-1 Part 2B Page 105
kWh Tax	T	Changed Effective Date	Date Changed to reflect Approval of new tariff	Schedule E2.1 4B Pg 183	Schedule E-1 Part 2B Page 106
	T	Reference Ohio Revised Code	Clarification of Ohio Revised Code	Schedule E2.1 4B Pg 183	Schedule E-1 Part 2B Page 106
Provide of Last Reason	T	Changed Effective Date	Date Changed to reflect Approval of new tariff	Schedule E2.1 4B Pg 184	Schedule E-1 Part 2B Page 107
	I, R	Updated Rate	Rate to reflect Changes from ESP Case	Schedule E2.1 4B Pg 184	Schedule E-1 Part 2B Page 107
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	I, R	Update Effective Date and New Rate	Rate reflects proposed combination of CSP and OP/Co due to pending merger case	Schedule E2.1 4B Pg 187	Schedule E-1 Part 2B Page 110
Economic Development Rider	R	Update Effective Date and New Rate	Rate reflects proposed combination of CSP and OP/Co due to pending merger case	Schedule E2.1 4B Pg 188	Schedule E-1 Part 2B Page 111
Enhanced Service Reliability Rider	I	Update Effective Date and New Rate	Rate reflects proposed combination of CSP and OP/Co due to pending merger case	Schedule E2.1 4B Pg 189	Schedule E-1 Part 2B Page 112
gridSMART Rider	R	Moved from CSP, Update Effective Date and New Rate	Rate reflects proposed combination of CSP and OP/Co due to pending merger case	Schedule E2.1 4B Pg 190	Schedule E-1 Part 2B Page 113
Deferred Asset Recovery Rider		New Rider Established to begin Cycle 1, 2013	Rider to collect Regulatory Assets, to begin Cycle 1, 2013	Schedule E2.1 4B Pg 191	Schedule E-1 Part 2B Page 114
Distribution Investment Rider		New Rider Proposed to Collect Incremental Distribution Investment	Rider Initially set at zero. Rider value will update in subsequent filing based on Net Plant value of FERC Form 1	Schedule E2.1 4B Pg 192	Schedule E-1 Part 2B Page 115
Emergency Electrical Procedures		This Schedule was eliminated	This Schedule was eliminated	Schedule E2.1 4B Pg 193	

**VOLUME THREE
(PART 5 of 5)**

SCHEDULE E-3

**PART 5C NARRATIVE RATIONALES FOR OHIO POWER COMPANY
STANDARD SERVICE TARIFF CHANGES**

**OHIO POWER COMPANY
CASE NO 11-352-EL-AIR
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Rate	Type	Explanation of Change (C)	Rationale of Change (D)	Data Reference Redline (E)	Data Reference Proposed (F)
(A)	(B)	(C)	(D)	(E)	(F)
Table of Contents					
Sheet Numbers Effective Date	T	Update Sheet Numbers as necessary	Reflects changes in number of sheets	Schedule E2.1 4C Pg 1	Schedule E-1 Part 2c Page 1
	T	Remove Effective Dates	New Effective Dates to coincide with Order	Schedule E2.1 4C Pg 1	Schedule E-1 Part 2c Page 1
	T	Remove Reference to Minimum Requirements	This Section is now part of the Terms and Conditions	Schedule E2.1 4C Pg 1	Schedule E-1 Part 2c Page 1
Description	T	Add Reference to Schedule 4-1 Applicable Riders	New Schedule Replaces old tables in sheets	Schedule E2.1 4C Pg 1	Schedule E-1 Part 2c Page 1
Description	T	Remove Reference to Schedule RS-ES	This provision was moved to a section in RS	Schedule E2.1 4C Pg 1	Schedule E-1 Part 2c Page 1
Description	T	Remove Reference to Schedule RS-TOD	This provision was moved to a section in RS	Schedule E2.1 4C Pg 1	Schedule E-1 Part 2c Page 1
Description	T	Remove Reference to Schedule RDMS	This provision was moved to a section in RS	Schedule E2.1 4C Pg 1	Schedule E-1 Part 2c Page 1
Description	T	Remove Reference to Schedule GS-3	This provision was moved to a section in GS-2	Schedule E2.1 4C Pg 1	Schedule E-1 Part 2c Page 1
Description	T	Remove Reference to Schedule GS-4	This provision was moved to a section in GS-2	Schedule E2.1 4C Pg 1	Schedule E-1 Part 2c Page 1
Description	T	Remove Reference to Schedule EHG	This provision was moved to a section in GS-2	Schedule E2.1 4C Pg 1	Schedule E-1 Part 2c Page 1
Description	T	Remove Reference to Schedule EHS	This provision was moved to a section in GS-2	Schedule E2.1 4C Pg 1	Schedule E-1 Part 2c Page 1
Description	T	Remove Reference to Schedule SS	This provision was moved to a section in GS-2	Schedule E2.1 4C Pg 2	Schedule E-1 Part 2c Page 1
Description	T	Remove Reference to Emergency Electrical Procedures	This section was no longer necessary	Schedule E2.1 4C Pg 2	Schedule E-1 Part 2c Page 1
Description	T	Addition of Schedule DLC	Add Experimental Direct Load Control Rider from Columbus Southern Power to maintain consistency	Schedule E2.1 4C Pg 2	Schedule E-1 Part 2c Page 1
Description	T	Addition of Schedule AFS	Add Reference to Alternate Feed Service	Schedule E2.1 4C Pg 2	Schedule E-1 Part 2c Page 1
Description	T	Addition of Supplement 21	Add this provision from Columbus Southern Power to maintain consistency	Schedule E2.1 4C Pg 2	Schedule E-1 Part 2c Page 1
Description	T	Addition of gridSMART® Rider	Add this provision from Columbus Southern Power to maintain consistency	Schedule E2.1 4C Pg 2	Schedule E-1 Part 2c Page 1
Description	T	Addition of Deferred Asset Recovery Rider	Proposed Rider to Recover Regulatory Assets	Schedule E2.1 4C Pg 2	Schedule E-1 Part 2c Page 1
Description	T	Addition of Standard Offer Generation Service Rider	Move Generation Rates to separate Rider	Schedule E2.1 4C Pg 2	Schedule E-1 Part 2c Page 1
Description	T	Addition of Distribution Investment Rider	Proposed Rider to Recover Incremental Costs	Schedule E2.1 4C Pg 2	Schedule E-1 Part 2c Page 1
Terms and Conditions of Service (Ts&Cs)					
Ts&Cs - general change		Changes to the Ts&Cs result in the same wording for both CSP and OPCo. CSP and OPCo Ts&Cs have been merged.	Create a uniform set of Ts&Cs for customers served by CSP and OPCo (AEP Ohio). CSP and OPCo Ts&Cs have been merged for clarity and consistency. Parts of CSP's Ts&Cs have been included in OPCo's Ts&Cs and vice versa.		
Section 1 - Contents	T	Various sheet numbers are revised.	Deletions, additions and relocations to the Ts&Cs result in various sections moving to different pages. Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Topics go hand in hand and are better suited next to other related sections.		
Section 2 - Application for Service	T	Wording regarding Ts&Cs and schedules including selection of schedules are relocated to Section 4, Available Rates.	Wording is more applicable under Section 4, Available Rates.	Schedule E2.1 4C Pg 12	Schedule E-1 Part 2c Page 11

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Type of Filing: ▶ Original

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	T	Wording is added to clarify the Company's availability of service to prospective customers.	Improve the Company's ability to provide and administer service.		Schedule E-1 Part 2C Page 11
	T	Wording regarding customer's written specifications of electrical apparatus is relocated to Section 3, Conditions of Service.	Wording is more applicable under Section 3, Conditions of Service.	Schedule E2.1 4C Pg 12	Schedule E-1 Part 2C Page 11
	T	Wording is added to convey service conditions shall be in accordance with P.U.C.O. No. 20.	Improve clarification of service conditions. P.U.C.O. No. 20 replaces P.U.C.O. No. 19.		Schedule E-1 Part 2C Page 11
	T	Wording regarding written agreement requirements and delivery of energy at more than one point are relocated to Section 3, Conditions of Service.	Wording is more applicable under Section 3, Conditions of Service.	Schedule E2.1 4C Pg 13	Schedule E-1 Part 2C Page 11
	T	Paragraphs 2 and 3 from CSP.			Schedule E-1 Part 2C Page 12
Section 3 - Deposits	T	Section has been relocated to Section 21.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 13	Schedule E-1 Part 2C Page 27
Section 3 - Conditions of Service (new section)	T	New section added. Wording included in this Section 3 is obtained from the former Section 2.	Wording is more applicable under Section 3, Conditions of Service.	Schedule E2.1 4C Pg 12	Schedule E-1 Part 2C Page 11
	T	Portions of paragraph 1 from CSP, paragraph 2 from CSP, paragraph 3 and portion of paragraph 4 new to OP and CSP, portion of paragraph 4 from CSP.			Schedule E-1 Part 2C Page 11
Section 4 - Payments	T	All provisions of Section 4 are included in new Section 22, Billing and Bills Payable.	Wording is more applicable under new Section 22, Billing and Bills Payable.	Schedule E2.1 4C Pg 15-16	Schedule E-1 Part 2C Page 27-28
Section 4 - Available Rates (new section)	T	New section added. Wording included in this Section 4 conveys the provisions regarding customer schedule selection. Moved the sentence "A customer may not change from one (1) schedule to another during the term of contract except with the consent of the Company;" from Use of Energy by Customer section to the Available Rates section.	Improve clarification of schedule selection. Movement of sentence addresses the issue of customers under contract changing schedules.		
Section 5 - Change of Address by Customer	T	All from CSP.			Schedule E-1 Part 2C Page 11-12
	T	Section has been relocated to Section 23.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 18	

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Work Paper Reference No(s):

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Section 5 - Company's Agents Not Empowered to Change Tariffs (new section)	T	New section added. Wording included in this Section 5 from CSP and conveys that no Company representative has the authority to change rates, terms, conditions, rules or regulations on file with the P.U.C.O.	Improve clarification of Company representatives not empowered to change tariffs.		Schedule E-1 Part 2C Page 12
Section 6 - Inspection	T	All from CSP.			
Section 6 - Inspection	T	Section has been relocated to Section 7.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.		Schedule E-1 Part 2C Page 12
Section 6 - Change of Rates or Regulations (new section)	T	New section added. Wording included in this Section 6 conveys that the rules, regulations and rates included in the Ts&Cs are subject to cancellation or modification via P.U.C.O. order or permission.	Improve clarification of rules, regulations and rates are subject to P.U.C.O. order or permission.		Schedule E-1 Part 2C Page 12
Section 7 - Inspections	T	All from CSP.			
Section 7 - Inspections	T	Section has been relocated from Section 6.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 18	Schedule E-1 Part 2C Page 12
Section 8 - Nominal Voltage Levels	T	Section has been relocated to Section 13.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 21	Schedule E-1 Part 2C Page 19
Section 8 - Location & Maintenance of Company's Equipment (new section)	T	Section has been relocated from Section 15. Added wording or reconstructed sentence requiring the customer to provide suitable space and access for the installation and maintenance of Company's equipment. Also, inserted "Company Owned" to clarify equipment ownership.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Improve clarification of Company requirements for location and maintenance of Company's equipment. Wording was added to help defend claims where obstacles, planted or constructed, are removed during repair of Company equipment. This applies mainly to fences and trees that hinder the opening and repair of underground transformers.	Schedule E2.1 4C Pg 34	Schedule E-1 Part 2C Page 13
Section 9 - Work Performed on Company's Facilities at Customer's Request	T	Paragraph 3 from CSP.			
Section 9 - Work Performed on Company's Facilities at Customer's Request	T	Section has been relocated to Section 12.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 22	Schedule E-1 Part 2C Page 18-19

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Section 9 - Service Connection	I	Wording is added to convey various service connections shall be made in an approved manner and under specific requirements. Wording added that "The company has the right to access a service fee when multiple trips are made for service installation and can not be completed due to customer installation issues."	Improve clarification of service connections. Clarify issues where some areas of the Company are having to make multiple trips to customers property due to the fact that the installation of the wiring for the meter to be installed is performed incorrectly. Having a fee for multiple trips should help address this issue. Cost will mirror that of a trip for reconnection. Updated Costs per WP3-1a-r	Schedule E2.1 4C Pg 22-23	Schedule E-1 Part 2C Page 13-14
Section 10 - Company's Liability	T	Portions of Paragraphs 2 and 3 from CSP. Paragraphs 4 and 5 from CSP.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 25-26	Schedule E-1 Part 2C Page 24-25
Section 10 - Extension of Local Facilities (new section)	T	Section has been relocated from Section 12. Added wording from former section 13 to convey the availability of the rural line extension plan specified in Chapter 4901:1-9-07 of the Ohio Administrative Code. Inserted the words, "seasonal operations" in item no. 8 of Definitions included in Section 10. Inserted the words.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Wording additions added to clarify the Company's rural line extension plan. Added words "seasonal operations" helps address issues of farmers with seasonal loads requesting three phase service at a CIAC cost which only operates two months per year. Added words "and nonresidential" are inserted because commercial and industrial customers are not currently addressed regarding the tax gross-up issue. This helps clarify that residential customers are not the only customers with the tax gross-up regarding their cost.	Schedule E2.1 4C Pg 26-29	Schedule E-1 Part 2C Page 14-17
Section 11 - Customer's Liability	T	Section has been relocated to Section 18.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 29-31	Schedule E-1 Part 2C Page 23-24
Section 11 - Temporary and Special Service (new section)	I	Section has been relocated from Section 14. Wording is added to convey billing requirement and the Company's standard construction requirements for temporary service, including any costs above and beyond standard shall be borne by the customer.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Wording is added to clarify the Company's general construction requirements for overhead and underground temporary service. Updated Costs per WP3-1a-r	Schedule E2.1 4C Pg 33	Schedule E-1 Part 2C Page 18
Section 12 - Temporary Service	T	Paragraph 5 added from CSP. Section has been relocated to Section 11.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 33	Schedule E-1 Part 2C Page 18

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Section 12 - Work Performed on Company's Facilities at Customer's Request (new section)	T	Section has been relocated from Section 9.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 34	Schedule E-1 Part 2C Page 18-19
Section 13 - Location & Maintenance of Company's Equipment	T	Section has been relocated to Section 9.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 34	Schedule E-1 Part 2C Page 13
Section 13 - Nominal Voltage Levels (new section)	T	Section has been relocated from Section 8.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 21	Schedule E-1 Part 2C Page 19
Section 14 - Temporary Service	T	Section has been relocated to Section 11.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 33	Schedule E-1 Part 2C Page 18
Section 14 - Meter Registration and Testing (new section)	I	Section has been relocated from Section 17.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Updated Costs per WP3-1a-r	Schedule E2.1 4C Pg 36-37	Schedule E-1 Part 2C Page 19-20
Section 15 - Location & Maintenance of Company's Equipment	T	Paragraphs 1 and 2 from CSP. Paragraph 5 new to QP and CSP. Section has been relocated to Section 8.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 34	Schedule E-1 Part 2C Page 13
Section 15 - Interval Metering Installations (new section)	I	Section has been relocated from Section 21. Added wording, "The customer is responsible for providing the telephone line and cost associated with telephone communications for purposes of reading the meter."	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Added wording clarifies that if a customer wants a cell phone meter, the cost of the monthly cell phone charge is the responsibility of the customer. Updated Costs per WP3-1a-r	Schedule E2.1 4C Pg 48-49	Schedule E-1 Part 2C Page 20-21
	T	Added wording, "The customer may select a meter from the Company's approved standard equipment list. If a customer selects any meter other than those shown on the approved standard list, the customer accepts responsibility for any incremental cost which the meter may require to upkeep, maintain, or replace the meter due to failure."	Rational for added wording is due to cell phone meters being close to the cost for standard meters, are more likely to fail and have other issues with communications. These meters are not preferred by the Company, but can be attractive to customers for the reduced costs of installing a land-line. Because of the issues with the meters, the Company believes the customer is responsible for any incremental costs due to the installation of these meters.		Schedule E-1 Part 2C Page 20-21

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Section 16 - Use of Energy by Customer	T	Relocated wording regarding customer load additions to a subsequent paragraph within section. Relocated attachment provision to other area within section. Updated industry standard code numbers. Deleted the wording, "It shall be understood that upon the expiration of a contract the customer may elect to renew the contract upon the same or another schedule published by the Company and applicable to the customer's requirements, except that in no case shall the Company be required to maintain transmission, switching or transformation equipment (either for voltage or form of current change) different from or in addition to that generally furnished to other customers receiving electrical supply under the terms of the schedule elected by the customer."	Improve clarification of the use of energy by customer. Deleted sentence is no longer needed.	Schedule E2.1 4C Pg 40-41	Schedule E-1 Part 2C Page 21-22
Section 17 - Residential Service	T	Paragraph 7 from CSP. Paragraph 8 new to OP and CSP.			
Section 17 - Residential Service	T	Section has been relocated to Section 20.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 50-51	Schedule E-1 Part 2C Page 26-27
Section 17 - Meter Registration and Testing	T	Section has been relocated to Section 14.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 37-38	Schedule E-1 Part 2C Page 19-20
Section 17 - Resale of Energy (new section)	T	New section added. Wording included in this Section 17 conveys the provisions regarding the use and resale of energy.	Improve clarification of the use of energy between Company and customer only. Improve clarification of resale of energy only by legitimate electric public utility subject to the jurisdiction of the P.U.C.O.		Schedule E-1 Part 2C Page 22
Section 18 - Billing Corrections	T	Renamed to Use and Resale of Energy All taken from CSP. Section has been relocated to Section 22.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 56-57	Schedule E-1 Part 2C Page 27-28
Section 18 - Customer's Liability	T	Paragraph 10 from CSP. Portions of paragraph 6 and 9 taken from CSP. Section has been relocated from Section 11.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 45-48	Schedule E-1 Part 2C Page 23-24

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Section 19 - Interval Metering Installations	T	Section has been relocated to Section 15.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 38-39	Schedule E-1 Part 2C Page 20-21
Section 19 - Company's Liability (new section)	T	Section has been relocated from Section 10. Wording is added to improve clarification of Company's liability. It includes clarification that the metering device is the property of the Company; however, the meter base and all internal parts inside the meter base are customer owned and are the responsibility of the customer to install and maintain. Wording added stating the Company is not be liable for any damages regarding loss of profits, revenue, nor production capacity occasioned by interruptions, fluctuations or irregularity in the supply of energy. Additionally, the Company is not responsible for loss or damage caused by the disconnection or reconnection of its facilities, nor by the theft or destruction of Company facilities by a third party. Added wording regarding Company's liability will not exceed the actual cash value or cost of repairing equipment, whichever is less.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Added wording improves clarification of Company's liability in providing service, meter ownership and maintenance, losses due to interruptions and third party theft and damages of Company's facilities. Wording obtained from CSP to make clearer or clarify that internal pieces of the meter base are the property of the customer. These internal pieces can fall causing damage the Company is not liable for. Added wording regarding Company's liability will not exceed the actual cash value or cost of repairing equipment, whichever is less. Improves clarification of Company's liability in damages when power is disconnected and reconnected, nor when someone steals or damages Company equipment. The Company does not pay replacement costs.	Schedule E2.1 4C Pg 49-50	Schedule E-1 Part 2C Page 24-25
Section 20 - Denial or Discontinuance of Service	T	Paragraph 2 from CSP.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 57-59	Schedule E-1 Part 2C Page 29-30
Section 20 - Residential Service (new section)	T	Section has been relocated from Section 17.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 50-51	Schedule E-1 Part 2C Page 26-27

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	T	Portion of paragraphs 1 and 2 added.			
Section 21 - Interval Metering Installations	T	Section has been relocated to Section 15.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 38-39	Schedule E-1 Part 2C Page 20-21
Section 21 - Deposits (new section)	C	Section has been relocated from Section 3. Added "Chapters 4901:1-10-14 and 4901:1-17-03..."	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Added words and code numbers, "Chapters 4901:1-10-14 and 4901:1-17-03..." clarifies Chapter 17 of the Ohio Administrative Code that address residential deposits, while Chapter 10 addresses nonresidential.	Schedule E2.1 4C Pg 55-56	Schedule E-1 Part 2C Page 27
Section 22 - Billing Corrections (new section)	I	Section has been relocated from Section 18.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Return Service Fee, updated Costs per WP3-1a-r	Schedule E2.1 4C Pg 58-57	Schedule E-1 Part 2C Page 27-28
Section 23 - Change of Address by Customer (new section)	T	Now called "Billing and Bills Payable". Paragraphs 1 and 6 from CSP.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4C Pg 57	Schedule E-1 Part 2C Page 29
Section 24 - Denial or Discontinuance of Service (new section)	I	Section has been relocated from Section 20.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Updated Costs per WP3-1a-r	Schedule E2.1 4C Pg 57-59	Schedule E-1 Part 2C Page 29-30
Section 25 - Disconnect Provisions - Non-Residential (new section)	T	End of paragraphs 1 and 5 new. Paragraph 4 new to OP and CSP New section added.	Improve clarification of Company's disconnect provisions for non-residential customers.		Schedule E-1 Part 2C Page 30-31
Section 26 - Pre Enrollment Customer Information List (new section)	T	All taken from CSP. New section added.	Improve clarification of Company's pre-enrollment customer information list plan.		Schedule E-1 Part 2C Page 31
	T	All taken from CSP.			

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Section 27 - Minimum Requirements for Distribution System Interconnection (new section of the Ts&Cs)	T	Section has been relocated from Original Sheet Nos. 6-1 through 6-5 to Section 27 (new section of the Ts&Cs). Added specific wording and fees for various installation types for single and three phase service.	Improve flow of contents included in the Ts&Cs. Improve clarification of Company's minimum requirements for distribution system interconnections including specific interconnection fees for single and three phase applications.	Schedule E2.1 4C Pg 60-67	Schedule E-1 Part 2C Page 31-35
Applicable Riders	T	New to OP and CSP.			
	T	Added Summary of Riders	One Sheet that Summarizes Riders		Schedule E-1 Part 2C Page 36
Residential Service (RS)	T	Addition of Demand Metered and Non-Demand Metered Customers	Recognized the difference in residential meters and charges per kWh or kW	Schedule E2.1 4C Pg 69	Schedule E-1 Part 2C Page 37
	T	Remove Generation Rates	Generation Rates will be billed as a Generation Rider going forward. Unnecessary in Distribution Case.	Schedule E2.1 4C Pg 69	Schedule E-1 Part 2C Page 37
	I	Remove Blocking	Distribution Rate Design no longer reflects blocked rate. Rates Updated Per Cost of Service	Schedule E2.1 4C Pg 69	Schedule E-1 Part 2C Page 37-38
	T	Added Additional Tariff Numbers	Added Tariff numbers to reflect storage water heating tariffs for demand and non-demand metered customers	Schedule E2.1 4C Pg 69	Schedule E-1 Part 2C Page 37
	I	Added Time-of-Day Metered Provision	Moved Residential Time-of-Day Tariff (RS-TOD) to Schedule RS. Eliminated Schedules RS-TOD	Schedule E2.1 4C Pg 71-72	Schedule E-1 Part 2C Page 39
	T	Added Experimental Electrical Vehicle Supply Equipment Provision	Addition of Proposed Plug in Electric Vehicle Tariff	Schedule E2.1 4C Pg 72	Schedule E-1 Part 2C Page 39
	I	Added Experimental Residential Time of Day Service	Moved RS-TOD2 from CSP to Schedule RS. Consistency between Operating Companies	Schedule E2.1 4C Pg 73	Schedule E-1 Part 2C Page 40
Residential Energy Storage (RS-ES)	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule	Schedule E2.1 4C Pg 75	
	T	Removed Schedule	Moved This Provision to Schedule RS, Eliminated Schedule RS-ES	Schedule E2.1 4C Pg 77-79	
RS-TOD	T	Removed Schedule	Moved This Provision to Schedule RS, Eliminated Schedule RS-ES	Schedule E2.1 4C Pg 80-81	
RDMS	T	Removed Schedule	Moved This Provision to Schedule RS, Eliminated Schedule RS-ES	Schedule E2.1 4C Pg 82-84	

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DLC	T	Added Experimental Direct Load Control	Moved Experimental DLC Rider from CSP, Consistency between Operating Companies		Schedule E-1 Part 2C Page 42-44
General Service - Non-Demand Metered (GS-1)	T	Clarified that GS-1 Service is served at the Secondary Voltage	Voltage Level was never Clarified in tariffs.	Schedule E2.1 4C Pg 88	Schedule E-1 Part 2C Page 45
	T	Added Tariff Number for Flood Pumps	The Flood Pump Tariff number was never published	Schedule E2.1 4C Pg 88	Schedule E-1 Part 2C Page 45
	T	Clarified Non-Demand Metered	Clarification of Meter Type	Schedule E2.1 4C Pg 88	Schedule E-1 Part 2C Page 45
	I	Updated Rates Per Cost of Service	Updated Distribution Rates Per Cost of Service for Non-Demand Metered, Energy Storage and Unmetered	Schedule E2.1 4C Pg 88	Schedule E-1 Part 2C Page 45-46
	T	Added Reference to Supplement 21	Moved Supplement 21 from CSP, Consistency between Operating Companies	Schedule E2.1 4C Pg 88	Schedule E-1 Part 2C Page 45
	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule	Schedule E2.1 4C Pg 88	Schedule E-1 Part 2C Page 45
	T	Clarified separate metering ability and Charge	Improved Clarity	Schedule E2.1 4C Pg 89	Schedule E-1 Part 2C Page 46
	I	Added Experimental Time of Day Service	Moved Experimental GS1-TOD from CSP to Schedule OPCo, Consistency between Operating Companies	Schedule E2.1 4C Pg 90-91	Schedule E-1 Part 2C Page 47
General Service - Low Load Factor (GS-2)	T	Removed Reference to usage Levels	Combined GS-2, GS-3 and GS-4. Separate Tariffs no longer necessary	Schedule E2.1 4C Pg 92	Schedule E-1 Part 2C Page 49
	T	Added Schedule Codes by Voltage	Added all necessary schedule codes to include both OPCo GS2, GS3 and GS4 Tariffs, as well as any additional CSP tariff numbers for these Large General Service Tariffs.	Schedule E2.1 4C Pg 92	Schedule E-1 Part 2C Page 49
	I	Updated Distribution Rates per Cost of Service	Updated Distribution Rates per Cost of Service	Schedule E2.1 4C Pg 92	Schedule E-1 Part 2C Page 49
	T	Removed Maximum Charge	Removed the Reference to the Maximum Charge. No longer needed.	Schedule E2.1 4C Pg 93	
	T	Added (a) to minimum billing demand	Pulled Reference of Contract Capacity from Schedule GS-4	Schedule E2.1 4C Pg 93	Schedule E-1 Part 2C Page 50
	T	Added Excess KVAR definition over 8,000 KW	Pulled from GS-4	Schedule E2.1 4C Pg 94	Schedule E-1 Part 2C Page 50
	T	Added Reference to metered Voltage adjustment applying to excess KVAR/KVA demand	Improved Clarity	Schedule E2.1 4C Pg 94	Schedule E-1 Part 2C Page 50
	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule	Schedule E2.1 4C Pg 95	Schedule E-1 Part 2C Page 51

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	T	Added Reference to Supplement 21	Moved Supplement 21 from CSP, Consistency between Operating Companies	Schedule E2.1 4C Pg 95	Schedule E-1 Part 2C Page 51
	T	Revised Contract MW and notice period	Moved Contract Capacity to greater than 1,000 kW and changed notice day from 6 months to 90 days to line up with CRES notification	Schedule E2.1 4C Pg 95	Schedule E-1 Part 2C Page 51
	T	Added Language from CSP for changes in contract terms on new facilities	Clarity from CSP tariff, Consistency between Operating Companies	Schedule E2.1 4C Pg 96	Schedule E-1 Part 2C Page 51
	I	Added City of Columbus Breakdown Provision from CSP Tariff	Consistency between Operating Companies. Updated Rate Per Cost of Service	Schedule E2.1 4C Pg 97-98	Schedule E-1 Part 2C Page 52
	I	Clarified separate metering ability and Charge	Improved Clarity, Updated Rate Per Cost of Service	Schedule E2.1 4C Pg 97	Schedule E-1 Part 2C Page 52-53
	I	Added Time-of-Day Metered Provision	Moved GS-TOD to Schedule GS-2, Eliminated Schedule GS-TOD	Schedule E2.1 4C Pg 98	Schedule E-1 Part 2C Page 53
	I	Updated Recreation Lighting Per Cost of Service	Updated Recreation Lighting Per Cost of Service	Schedule E2.1 4C Pg 98	Schedule E-1 Part 2C Page 53
GS-TOD	T	Eliminated Schedule	Moved Necessary Provisions to GS-2	Schedule E2.1 4C Pg 99-100	
General Service - Medium/High Load Factor (GS-3)	T	Eliminated Schedule	Moved Necessary Provisions to GS-2	Schedule E2.1 4C Pg 100-105	
General Service - Large (GS-4)	T	Eliminated Schedule	Moved Necessary Provisions to GS-2	Schedule E2.1 4C Pg 106-109	
Interruptible Power (IRP)	T	Removed Reference to Schedule GS-4	Schedule GS-4 was eliminated	Schedule E2.1 4C Pg 113	Schedule E-1 Part 2C Page 57
	T	Changed Reference from GS-4 to GS-2 and removed over 8,000 in the contract demand that was specific to Schedule GS-4	Schedule GS-4 was eliminated	Schedule E2.1 4C Pg 113	Schedule E-1 Part 2C Page 57
	T	Clarified the Integrated peak	Clarification	Schedule E2.1 4C Pg 119	Schedule E-1 Part 2C Page 62
	T	Added Reference to metered Voltage adjustment applying to excess KVAR/KVA demand	Improved Clarity	Schedule E2.1 4C Pg 119	Schedule E-1 Part 2C Page 62
	I	Updated Rate Per Cost of Service	Updated Rate Per Cost of Service	Schedule E2.1 4C Pg 117	Schedule E-1 Part 2C Page 61
Electric Heating General (EHG)	T	Eliminated Schedule	Moved Necessary Provisions to GS-2	Schedule E2.1 4C Pg 168-169	
Electric Heating Schools (EHS)	T	Eliminated Schedule	Moved Necessary Provisions to GS-2	Schedule E2.1 4C Pg 170-171	
School Service (SS)	T	Eliminated Schedule	Moved Necessary Provisions to GS-2	Schedule E2.1 4C Pg 172-173	
Cogen/SPP	T	Included Clarification of Total Load	Clarification	Schedule E2.1 4C Pg 122	Schedule E-1 Part 2C Page 64

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	T	Removed Reference to GS-2 and GS-3	All over 10KW now represented in Schedule GS-2	Schedule E2.1 4C Pg 122	Schedule E-1 Part 2C Page 64
	I	Updated Meter Costs	Meter Costs reflect Cost of Service Values	Schedule E2.1 4C Pg 123	Schedule E-1 Part 2C Page 65
	T	Reference "the Customer" from HS	Clarification	Schedule E2.1 4C Pg 123	Schedule E-1 Part 2C Page 65
	T	Clarification of Cost of Metering Charge for Option 1 and 2 from CSP Tariff	Clarity from CSP tariff. Consistency between Operating Companies	Schedule E2.1 4C Pg 124	Schedule E-1 Part 2C Page 66
	T	Inserted Monthly Credits or Payments	Clarity from CSP tariff. Consistency between Operating Companies	Schedule E2.1 4C Pg 125	Schedule E-1 Part 2C Page 66
	I	Updated Energy Rates	Costs Updated per Cost of Service Values	Schedule E2.1 4C Pg 125	Schedule E-1 Part 2C Page 66
98\$	T	Changed Reference from Ohio Power to the Company	Clarity, Consistency between Operating Companies	Schedule E2.1 4C Pg 127	Schedule E-1 Part 2C Page 68
	I	Removed Generation and Total Rates, Updated Distribution Rates	Generation Rates will be an additional rider. Distribution Rates updated per the Cost of Service	Schedule E2.1 4C Pg 128-130	Schedule E-1 Part 2C Page 68-70
	I	Updated Maintenance Rates	Updated Rates from Cost of Service	Schedule E2.1 4C Pg 133	Schedule E-1 Part 2C Page 72
	I	Updated Special Contract Rate Per Cost of Service	Updated Special Contract Rate Per Cost of Service	Schedule E2.1 4C Pg 134	Schedule E-1 Part 2C Page 73
	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule	Schedule E2.1 4C Pg 134	Schedule E-1 Part 2C Page 73
	T	Added Reference to Supplement 21	Moved Supplement 21 from CSP, Consistency between Operating Companies	Schedule E2.1 4C Pg 134	Schedule E-1 Part 2C Page 73
NEWS	T	Deleted Reference to Schedule GS-3	Schedule GS-3 was eliminated	Schedule E2.1 4C Pg 138	Schedule E-1 Part 2C Page 76
NEWS-H	T	Deleted Reference to Schedule GS-3	Schedule GS-3 was eliminated	Schedule E2.1 4C Pg 140	Schedule E-1 Part 2C Page 78
AFS	T	Added Schedule AFS (Alternative Feed Service Rider)	Addition option for customers requesting Alternative Feed Service	Schedule E2.1 4C Pg 141-145	Schedule E-1 Part 2C Page 79-83
OL	T	Clarified Availability of Service	Clarification of difference between Area Lighting and Street Lighting	Schedule E2.1 4C Pg 146	Schedule E-1 Part 2C Page 84
	T	Added clarifying language from CSP tariff on existing poles	Clarification, consistency between Operating Companies	Schedule E2.1 4C Pg 146	Schedule E-1 Part 2C Page 84

OHIO POWER COMPANY
CASE NO 11-352-EL-AIR
RATIONALE FOR TARIFF CHANGES

Data: 3 Mos Act 9 Mos Est
Type of Filing: Original
Work Paper Reference No(s):

Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference Modifns (E)	Data Reference Proposed (F)
	I	Updated Tables for clarification, added lamps from CSP, changed prices to reflect cost of service	Changed Tables for added consistency reflecting lights no longer available, included lumens and light description from both OPCo and CSP tariffs to maintain consistency between operating companies. Updated Rates Per Cost of Service	Schedule E2.1 4C Pg 146-149	Schedule E-1 Part 2C Page 84-85
	I	Updated Rates for Other Equipment			Schedule E-1 Part 2C Page 86
	T	Adopted Language on Delayed Payments from CSP	Maintain Consistency between Operating Companies	Schedule E2.1 4C Pg 150	Schedule E-1 Part 2C Page 87
	T	Added Reference to Supplement 21	Moved Supplement 21 from CSP, Consistency between Operating Companies	Schedule E2.1 4C Pg 150	Schedule E-1 Part 2C Page 87
	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule	Schedule E2.1 4C Pg 150	Schedule E-1 Part 2C Page 87
	T	Updated Monthly kilowatt-hour Table to reflect all lights	Added CSP lights or lights that were not published previously	Schedule E2.1 4C Pg 152	Schedule E-1 Part 2C Page 87
	T	Changed Location of Ownership of facilities and hours of lighting; included clarifying language from CSP tariffs	Maintain consistency between Operating Companies	Schedule E2.1 4C Pg 152-153	Schedule E-1 Part 2C Page 88
SL	I	Added Language to specify Existing Ohio Power Lamps	New Rate Design requires current OPCO and CSP street Lighting Customer rates to continue. New rates for all installations after approval of Distribution Rate Case, estimated to be January 1, 2012. Updated Rates Per Cost of Service	Schedule E2.1 4C Pg 155-158	Schedule E-1 Part 2C Page 89-91
	I	Updated Tables for clarification, added lamps from CSP for all new installations, changed prices to reflect cost of service	Changed Tables for added consistency reflecting lights no longer available, included lumens and light description from both OPCo and CSP tariffs to maintain consistency between operating companies. Updated Rates Per Cost of Service	Schedule E2.1 4C Pg 158-159	Schedule E-1 Part 2C Page 93-94
	T	Added Reference to Supplement 21	Moved Supplement 21 from CSP, Consistency between Operating Companies	Schedule E2.1 4C Pg 160	Schedule E-1 Part 2C Page 95
	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule	Schedule E2.1 4C Pg 160	Schedule E-1 Part 2C Page 95
	T	Updated Monthly kilowatt-hour Table to reflect all lights	Added CSP lights or lights that were not published previously	Schedule E2.1 4C Pg 162	Schedule E-1 Part 2C Page 95
	T	Changed Location of Ownership of facilities and term of contract; included clarifying language from CSP tariffs	Maintain consistency between Operating Companies	Schedule E2.1 4C Pg 162	Schedule E-1 Part 2C Page 96
	I	Updated Electric Energy Rate	Updated Rate Per Cost of Service	Schedule E2.1 4C Pg 163	Schedule E-1 Part 2C Page 96

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Data: 3 Mos Act 9 Mos Est

Type of Filing: Original

Work Paper Reference No(s):

Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference Redline (E)	Data Reference Proposed (F)
PA	T	Temporary Disconnect of Lamps	Added all lamps for consistency between Operating Companies	Schedule E2.1 4C Pg 166-167	Schedule E-1 Part 2C Page 98
	T	Clarification on CATV attachments	Clarification	Schedule E2.1 4C Pg 174	Schedule E-1 Part 2C Page 99
	I	Updated Rates	Updated Rates to current costs per WP3-1aaaa- aaab	Schedule E2.1 4C Pg 174	Schedule E-1 Part 2C Page 99
Rider Schedules	I	Added Provision for Inspections	Adds charges for unauthorized Pole Attachments	Schedule E2.1 4C Pg 176	Schedule E-1 Part 2C Page 101
Supplement 21		Added from CSP Tariffs	Maintain Consistency between Operating Companies		Schedule E-1 Part 2C Page 102
Universal Service Fund	I,R	Update Effective Date and New Rate	Rate reflects proposed combination of CSP and OPCo due to pending merger case	Schedule E2.1 4C Pg 177	Schedule E-1 Part 2C Page 103

**VOLUME THREE
(PART 5 of 5)**

SCHEDULE E-3

**PART 5D NARRATIVE RATIONALES FOR OHIO POWER COMPANY OPEN
ACCESS DISTRIBUTION SERVICE TARIFF CHANGES**

OHIO POWER COMPANY CASE NO 11-352-EL-AIR RATIONALE FOR OPEN ACCESS DISTRIBUTION (OAD) TARIFF CHANGES

Schedule E-3 5D
Page 1 of 14
Witness Responsible:
Andrea Moore

Data: 3 Mos Act 9 Mos Est
Type of Filing: Original
Work Paper Reference No(s).

Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference Redline (E)	Data Reference Proposed Combined (F)
Table of Contents					
Sheet Numbers Effective Date	T T	Update Sheet Numbers as necessary Remove Effective Dates	Reflects changes in number of sheets New Effective Dates to Coincide with Order	Schedule E2.1 4D Pg 1 Schedule E2.1 4D Pg 1	Schedule E-1 2D Page 3 Schedule E-1 2D Page 3
Gross Reference: Residential Service					
Schedule RR1	T	Eliminated Schedule RR-1	Consistency between Operating Companies	Schedule E2.1 4D Pg 1	Schedule E-1 2D Page 1
Schedule RLM	T	Eliminated Schedule RLM	This provision was moved to a section in RS	Schedule E2.1 4D Pg 1	Schedule E-1 2D Page 1
Schedule RS-ES	T	Eliminated Schedule RS-ES	This provision was moved to a section in RS	Schedule E2.1 4D Pg 1	Schedule E-1 2D Page 1
Schedule RS-TOD	T	Eliminated Schedule RS-TOD Added Reference to Experimental Direct Load Control	This provision was moved to a section in RS	Schedule E2.1 4D Pg 1	Schedule E-1 2D Page 1
Schedule DLC	T		New Schedule	Schedule E2.1 4D Pg 1	Schedule E-1 2D Page 1
General Service					
Description	T	GS-2 Changed Description to Large	New GS Tariffs no longer differentiate by load factor	Schedule E2.1 4D Pg 1	Schedule E-1 2D Page 1
Schedule RS-TOD	T	Eliminated Schedule RS-TOD	This provision was moved to a section in RS	Schedule E2.1 4D Pg 1	Schedule E-1 2D Page 1
Schedule GS-3	T	Eliminated Schedule GS-3	This provision was moved to GS-2	Schedule E2.1 4D Pg 1	Schedule E-1 2D Page 1
Schedule GS-4	T	Eliminated Schedule GS-4	This provision was moved to GS-2	Schedule E2.1 4D Pg 1	Schedule E-1 2D Page 1
Schedule NEMS-H	T	Added Reference to Net Energy Metering Service - Hospitals	New Schedule	Schedule E2.1 4D Pg 1	Schedule E-1 2D Page 1
Schedule OAD AFS	T	Added Reference to Alternative Feed Service	New Schedule	Schedule E2.1 4D Pg 1	Schedule E-1 2D Page 1
Schedule OAD SL	T	Removed Reference to Street Lighting Added Reference to Outdoor Lighting	Consistency between Operating Companies	Schedule E2.1 4D Pg 1	Schedule E-1 2D Page 1
Schedule OAD SL	T	Removed Reference to Private Area Lighting	Consistency between Operating Companies	Schedule E2.1 4D Pg 1	Schedule E-1 2D Page 1
Schedule OAD AL	T	Added Reference to Street Lighting	Consistency between Operating Companies	Schedule E2.1 4D Pg 1	Schedule E-1 2D Page 1
Schedule OAD AL	T	Added Reference to Street Lighting	Consistency between Operating Companies	Schedule E2.1 4D Pg 1	Schedule E-1 2D Page 1
Supplements					
Supplement OAD 6	T	Eliminated Schedule Supplement 6	Supplement 6 is no longer available	Schedule E2.1 4D Pg 2	Schedule E-1 2D Page 2
Supplement OAD 6a	T	Eliminated Schedule Supplement 6a	Supplement 6a is no longer available	Schedule E2.1 4D Pg 2	Schedule E-1 2D Page 2
Supplement 18	T	Eliminated Schedule Supplement 18	Supplement 18 is no longer available	Schedule E2.1 4D Pg 2	Schedule E-1 2D Page 2
Riders					
Description	T	Removed Reference to Advanced Energy Fund	This Schedule Expired December 31, 2010	Schedule E2.1 4D Pg 2	Schedule E-1 2D Page 2
Description	T	Added Reference to Environmental Investment Carrying Cost Rider	Correction: Missing from previous books	Schedule E2.1 4D Pg 2	Schedule E-1 2D Page 2
Description	T	Addition of Deferred Asset Recovery Rider Addition of Standard Offer Generation Service Rider	Proposed Rider to Recover Regulatory Assets	Schedule E2.1 4D Pg 2	Schedule E-1 2D Page 2
Description	T		Move Generation Rates to separate Rider	Schedule E2.1 4D Pg 2	Schedule E-1 2D Page 2
Description	T	Addition of Distribution Investment Rider	Proposed Rider to Recover Incremental Costs	Schedule E2.1 4D Pg 2	Schedule E-1 2D Page 2

OHIO POWER COMPANY CASE NO 11-352-EL-AIR

RATIONALE FOR OPEN ACCESS DISTRIBUTION (OAD) TARIFF CHANGES

Schedule E-3 5D
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Witness Responsible:
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Type of Filing: Original
Work Paper Reference No(s):

Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference Recline (E)	Data Reference Proposed Combined (F)
Table of Contents					
Sheet Numbers Effective Date	T	Update Sheet Numbers as necessary Remove Effective Dates	Reflects changes in number of sheets New Effective Dates to coincide with Order	Schedule E2.1 4D Pg 3	Schedule E-1 2D Page 3
Description	T	Removed Reference to Supplier Terms and Conditions of Service		Schedule E2.1 4D Pg 3	Schedule E-1 2D Page 3
Description	T	Removed Reference to Code of Conduct		Schedule E2.1 4D Pg 3	Schedule E-1 2D Page 3
Description	T	Add Reference to Schedule 4-1D Applicable Riders		Schedule E2.1 4D Pg 3	Schedule E-1 2D Page 3
Description	T	Removed Reference to Miscellaneous Distribution Charges	New Schedule Replaces old tables in sheets	Schedule E2.1 4D Pg 3	Schedule E-1 2D Page 3
Description	T	Remove Reference to Minimum Requirements		Schedule E2.1 4D Pg 3	Schedule E-1 2D Page 3
Description	T	Removed Reference to General Service - Low Load Factor	This Section is now part of the Terms and Conditions	Schedule E2.1 4D Pg 3	Schedule E-1 2D Page 3
Schedule OAD GS-2	T	Add Reference to General Service - Large		Schedule E2.1 4D Pg 3	Schedule E-1 2D Page 3
Schedule OAD GS-2	T	Removed Reference to General Service		Schedule E2.1 4D Pg 3	Schedule E-1 2D Page 3
Schedule OAD GS-3	T	Medium Load Factor		Schedule E2.1 4D Pg 3	Schedule E-1 2D Page 3
Schedule OAD GS-3	T	Removed Reference to General Service Large	This provision was moved to a section in GS-2	Schedule E2.1 4D Pg 3	Schedule E-1 2D Page 3
Schedule OAD GS-4	T	Add Reference to Alternative Feed Service		Schedule E2.1 4D Pg 3	Schedule E-1 2D Page 3
Schedule OAD AFS	T	Removed Reference to Street Lighting	This provision was moved to a section in GS-2 New Schedule	Schedule E2.1 4D Pg 3	Schedule E-1 2D Page 3
Schedule OAD SL	T	Added Reference to Outdoor Lighting	Consistency between Operating Companies	Schedule E2.1 4D Pg 3	Schedule E-1 2D Page 3
Schedule OAD AL	T	Removed Reference to Private Area Lighting	Consistency between Operating Companies	Schedule E2.1 4D Pg 3	Schedule E-1 2D Page 3
Schedule OAD AL	T	Added Reference to Street Lighting	Consistency between Operating Companies	Schedule E2.1 4D Pg 3	Schedule E-1 2D Page 3
Description	T	Removed Reference to Advanced Energy Fund	Consistency between Operating Companies	Schedule E2.1 4D Pg 3	Schedule E-1 2D Page 3
Description	T	Added Reference to Deferred Asset Recovery Rider	This Schedule Expired December 31, 2010	Schedule E2.1 4D Pg 4	Schedule E-1 2D Page 3
Description	T	Added Reference to Standard Offer Generation Service Rider	Proposed Rider to Recover Regulatory Assets	Schedule E2.1 4D Pg 4	Schedule E-1 2D Page 3
Description	T	Added Reference to Distribution Investment Rider	Move Generation Rates to separate Rider	Schedule E2.1 4D Pg 4	Schedule E-1 2D Page 3
	T		Proposed Rider to Recover Incremental Costs	Schedule E2.1 4D Pg 4	Schedule E-1 2D Page 3
Terms and Conditions of Service (Ts&Cs)					
Ts&Cs - general changes	T	Changes to the Ts&Cs result in the same wording for both CSP and OPCo. CSP and OPCo Ts&Cs have been merged.	Create a uniform set of Ts&Cs for customers served by CSP and OPCo (AEP Ohio). CSP and OPCo Ts&Cs have been merged for clarity and consistency. Parts of CSP's Ts&Cs have been included in OPCo's Ts&Cs and vice versa.		

OHIO POWER COMPANY
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RATIONALE FOR OPEN ACCESS
DISTRIBUTION (OAD) TARIFF CHANGES

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Andrea Moore

Data: 3 Mos Act 9 Mos Est
Type of Filing: Original
Work Paper Reference No(s):

Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference Revisions (E)	Data Reference Proposed Combined (F)
Section 1 - Contents					
		Various sheet numbers are revised.			
Section 2 - Application for Service (replaces "Application")	T	Wording under this section regarding Ts&Cs and schedules including selection of schedules are relocated to Section 4, Available Rates.	Deletions, additions and relocations to the Ts&Cs result in various sections moving to different pages. Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Topics go hand in hand and are better suited next to other related sections.	Schedule E2.1 4D Pg 12	Schedule E-1 2D Page 13
	T	Wording under this section regarding Ts&Cs and schedules including selection of schedules are relocated to Section 4, Available Rates.	Wording is more applicable under Section 4, Available Rates.	Schedule E2.1 4D Pg 13	Schedule E-1 2D Page 13-14
	T	Wording is added to Section 2 to clarify the Company's availability of service to prospective customers.	Improve the Company's ability to provide and administer service.	Schedule E2.1 4D Pg 13	Schedule E-1 2D Page 13-14
	T	Wording regarding customer's written specifications of electrical apparatus is relocated to Section 3, Conditions of Service.	Wording is more applicable under Section 3, Conditions of Service.	Schedule E2.1 4D Pg 16	Schedule E-1 2D Page 14
Section 3 - Customer Choice of Competitive Service Provider	T	Wording is added to convey service conditions shall be in accordance with P.U.C.O. No. 8 (replaces P.U.C.O. No. X).	Improve clarification of service conditions.	Schedule E2.1 4D Pg 14	Schedule E-1 2D Page 13-14
	T	Wording regarding written agreement requirements and delivery of energy at more than one point are relocated to Section 3, Conditions of Service.	Wording is more applicable under Section 3, Conditions of Service.	Schedule E2.1 4D Pg 16	Schedule E-1 2D Page 14
	T	Paragraphs 2 and 3 from CSP.			
Section 3 - Conditions of Service (new section)	T	Section has been relocated to Section 27, Customer Choice of Competitive Service Provider.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 14	Schedule E-1 2D Page 38
	T	New section added. Wording included in this Section 3 is obtained from the former Section 2, Application for Service.	Wording is more applicable under Section 3, Conditions of Service.	Schedule E2.1 4D Pg 16	Schedule E-1 2D Page 14
Section 4 - Changing Competitive Service Providers	T	All taken from CSP.			
	T	Section has been relocated to Section 28, Changing Competitive Service Providers.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 16	Schedule E-1 2D Page 34-35

Data: 3 Mos Act 9 Mos Est
Type of Filing: Original
Work Paper Reference No(s).

Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference Redline (E)	Data Reference Proposed Combined (F)
Section 4 - Available Rates (new section)		New section added. Wording included in this Section 4 conveys the provisions regarding customer schedule selection. Moved the sentence "A customer may not change from one (1) open access distribution schedule to another during the term of contract except with the consent of the Company." from Use of Energy by Customer section to this Available Rates section.	Improve clarification of schedule selection. Movement of sentence addresses the issue of customers under contract changing schedules.		
	T	All taken from CSP.		Schedule E2.1 4D Pg 18	Schedule E-1 2D Page 14-15
Section 5 - Minimum Stay Requirements		Section has been relocated to Section 30.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.		
	T			Schedule E2.1 4D Pg 18	Schedule E-1 2D Page 37-38
Section 5 - Company's Agents Not Empowered to Change Tariffs (new section)		New section added. Wording included in this Section 5 conveys that no Company representative has the authority to change rates, terms, conditions, rules or regulations on file with the P.U.C.C.	Improve clarification of Company representatives not empowered to change tariffs.		
	T	All taken from CSP.		Schedule E2.1 4D Pg 20	Schedule E-1 2D Page 15
Section 6 - Deposits		Section has been relocated to Section 21.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.		
	T			Schedule E2.1 4D Pg 20	Schedule E-1 2D Page 30
Section 6 - Change of Rates or Regulations (new section)		New section added. Wording included in this Section 6 conveys that the rules, regulations and rates included in the Ts&Cs are subject to cancellation or modification via P.U.C.C. order of permission.	Improve clarification of rules, regulations and rates are subject to P.U.C.C. order of permission.		
	T	All taken from CSP.		Schedule E2.1 4D Pg 20	Schedule E-1 2D Page 15
Section 7 - Payments		All provisions of Section 7 are included in new Section 22, Billing and Bills Payable.	Wording is more applicable under new Section 22, Billing and Bills Payable.		
	T			Schedule E2.1 4D Pg 20	Schedule E-1 2D Page 15
Section 9 - Service Connections (new section)		Section has been relocated from Section 10. Wording is added to convey various service connections shall be made in an approved manner and under specific requirements. Wording added that "The company has the right to access a service fee when multiple trips are made for service installation and can not be completed due to customer installation issues."	Improve clarification of provisions for service connections. Clarify issues where some areas of the Company are having to make multiple trips to customers property due to the fact that the installation of the wiring for the meter to be installed is performed incorrectly. Having a fee for multiple trips should help address this issue. Cost will mirror that of a trip for reconnection.		
	T			Schedule E2.1 4D Pg 24	Schedule E-1 2D Page 16-17

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Schedule E-3 5D
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Data: 3 Mos Act 9 Mos Est
Type of Filing: Original
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RATIONALE FOR OPEN ACCESS DISTRIBUTION (OAD) TARIFF CHANGES

Witness Responsible:
Andrea Moore

Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference Redline (E)	Data Reference Proposed Combined (F)
Section 8 - Change of Address by Customer	T	Portions of paragraphs 1, 2, and 3 from CSP. Paragraphs 4 and 5 from CSP.			
Section 7 - Inspections (new section)	T	Section has been relocated to Section 23.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 22	Schedule E-1 2D Page 32
Section 8 - Inspection	T	Section has been relocated from Section 9.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 24	Schedule E-1 2D Page 15
Section 9 - Location & Maintenance of Company's Equipment (new section)	T	Section has been relocated to Section 7.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 23	Schedule E-1 2D Page 15
	T	Section has been relocated from Section 16. Added wording or reconstructed sentence requiring the customer to provide suitable space and access for the installation and maintenance of equipment. Also, inserted "Company Owned" to clarify equipment ownership.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Improve clarification of Company requirements for location and maintenance of Company's equipment. Wording was added to help defend claims where obstacles, planted or constructed, are removed during repair of Company equipment. This applies mainly to fences and trees that hinder the opening and repair of underground transformers.	Schedule E2.1 4D Pg 23	Schedule E-1 2D Page 16
Section 10 - Service Connection	T	Paragraph 3 from CSP.			
	T	Section has been relocated to Section 9, Service Connections.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 24	Schedule E-1 2D Page 16-17
Section 10 - Extension of Local Facilities (new section)	T	Section has been relocated from Section 25. Added wording from former section 13 (of the DPCo Standard Ts&Cs) to convey the availability of the rural line extension plan specified in Chapter 4901.1-9-07 of the Ohio Administrative Code. Inserted the words, "seasonal operations" in item no. 8 of Definitions included in Section 10.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Wording additions added to clarify the Company's rural line extension plan. Added words "seasonal operations" helps address issues of farmers with seasonal loads requesting three phase service at a CIAC cost which only operates two months per year.	Schedule E2.1 4D Pg 26	Schedule E-1 2D Page 17-20
Section 11 - Nominal Voltage Levels	T	Section has been relocated to Section 13.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 30	Schedule E-1 2D Page 21-22

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Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference Footnote (E)	Data Reference Proposed Combined (F)
Section 11 - Temporary and Special Service (new section)	I	Section has been relocated from Section 18, Temporary Service. Wording is added to convey billing requirement and the Company's standard construction requirements for temporary service, including any costs above and beyond standard shall be borne by the customer.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Wording is added to clarify the Company's general construction requirements for overhead and underground temporary service.	Schedule E2.1 4D Pg 31	Schedule E-1 2D Page 20-21
Section 12 - Transmission Service	I	Paragraph 4 from CSP.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 32	Schedule E-1 2D Page 37
Section 12 - Work Performed on Company's Facilities at Customer's Request (new section)	T	Section has been relocated from Section 15.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 32	Schedule E-1 2D Page 21
Section 13 - Losses	T	Section has been relocated to Section 28.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 34	Schedule E-1 2D Page 36-37
Section 13 - Nominal Voltage Levels (new section)	T	Section has been relocated from Section 11.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 34	Schedule E-1 2D Page 21-22
Section 14 - Metering and Load Profiling	T	Section has been relocated to Section 15.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 34	Schedule E-1 2D Page 23-24
Section 14 - Meter Registration and Testing (new section)	I	Section has been relocated from Section 21. Paragraphs 1 and 2 from CSP. Paragraph 5 new to OP and CSP.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 36	Schedule E-1 2D Page 22-23
Section 15 - Work Performed on Company's Facilities at Customer's Request	T	Section has been relocated to Section 12.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 38	Schedule E-1 2D Page 21
Section 15 - Metering and Load Profiling (new section)	I	Section has been relocated from Section 14. Added wording. "The customer is responsible for providing the telephone line and cost associated with telephone communications for purposes of reading the meter."	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Added wording clarifies that if a customer wants a cell phone meter, the cost of the monthly cell phone charge is the responsibility of the customer.	Schedule E2.1 4D Pg 38	Schedule E-1 2D Page 23-24

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Andrea Moore

Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Date Reference Redline (E)	Data Reference Proposed Combined (F)
		Added wording, "The customer may select a meter from the Company's approved standard equipment list. If a customer selects any meter other than those shown on the approved standard list, the customer accepts responsibility for any incremental cost which the meter may require to upkeep, maintain, or replace the meter due to failure."	Rational for added wording is due to cell phone meters being close to the cost for standard meters, are more likely to fail and have other issues with communications. These meters are not preferred by the Company, but can be attractive to customers for the reduced costs of installing a land-line. Because of the issues with the meters, the Company believes the customer is responsible for any incremental costs due to the installation of these meters.	Schedule E2.1 4D Pg 39	Schedule E-1 2D Page 23-24
Section 18 - Company's Liability	T	Section has been relocated to Section 16.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 39	Schedule E-1 2D Page 24-25
Section 16 - Use of Energy by Customer (new section)	T	Section has been relocated from Section 20. Within section, relocated wording regarding customer load additions to a subsequent paragraph. Also, relocated attachment provision to other area within section. Updated industry standard code numbers.	Improve clarification of the use of energy by customer.	Schedule E2.1 4D Pg 43	Schedule E-1 2D Page 24-26
Section 17 - Customer's Liability	T	Moved the sentence "A customer may not change from one (1) open access distribution schedule to another during the term of contract except with the consent of the Company," from Use of Energy by Customer section to Section 4, Available Rates.	Movement of sentence addresses the issue of customers under contract changing schedules.	Schedule E2.1 4D Pg 43	Schedule E-1 2D Page 14-15
Section 17 - Use and Resale of Energy (new section)	T	Section has been relocated to Section 18.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 44	Schedule E-1 2D Page 25-27
	T	New section added. Wording included in this Section 17 conveys that distribution service will be provided exclusively to the customer at the premises specified in the service request or contract between the Company and the customer.	Improve clarification of the customer receiving services from the Company. Service is provided to the customer included in the service request or contract. Customer shall not resale energy purchased from the Company. Resale of energy is only by legitimate electric public utilities subject to the jurisdiction of the P.U.C.O.	Schedule E2.1 4D Pg 46	Schedule E-1 2D Page 25
	T	All taken from CSP.			

OHIO POWER COMPANY CASE NO 11-352-EL-AIR RATIONALE FOR OPEN ACCESS DISTRIBUTION (OAD) TARIFF CHANGES

Schedule E-3 5D
Page 8 of 14
Witness Responsible:
Andrea Moore

Data: 3 Mos Act 9 Mos Est
Type of Filing: Original
Work Paper Reference No(s).

Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference Redline (E)	Data Reference Proposed Combined (F)
Section 18 - Temporary Service	T	Section has been included in Section 11, Temporary and Special Service.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 46	Schedule E-1 2D Page 20-21
Section 18 - Customer's Liability (new section)	T	Section has been relocated from Section 17.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 48	Schedule E-1 2D Page 25-27
Section 19 - Location & Maintenance of Company's Equipment (new section)	T	Last paragraph not in CSP.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 50	Schedule E-1 2D Page 15
Section 19 - Company's Liability	T	Section has been relocated to Section 9. Section has been relocated from Section 15. Wording is added to improve clarification that the metering device is the property of the Company; however, the meter base and all internal parts inside the meter base are customer owned and are the responsibility of the customer to install and maintain. Wording is added stating the Company is not be liable for any damages regarding loss of profits, revenue, nor production capacity occasioned by interruptions, fluctuations or irregularity in the supply of energy. Additionally, the Company is not responsible for loss or damage caused by the disconnection or reconnection of its facilities, nor by the theft or destruction of Company facilities by a third party. Added wording regarding Company's liability will not exceed the actual cash value or cost of repairing equipment, whichever is less.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Added wording improves clarification of Company's liability in providing service, meter ownership and maintenance, losses due to interruptions and third party theft and damages of Company's facilities. Wording obtained from CSP to make clearer or clarify that internal pieces of the meter base are the property of the customer. These internal pieces can fail causing damage the Company is not liable for. Added wording regarding Company's liability will not exceed the actual cash value or cost of repairing equipment, whichever is less, improves clarification of Company's liability in equipment repair. The Company is not liable for damages when power is disconnected and reconnected, nor when someone steals or damages Company equipment. The Company does not pay replacement costs.	Schedule E2.1 4D Pg 50	Schedule E-1 2D Page 27-29
Section 20 - Use of Energy by Customer	T	Section has been relocated to Section 18.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 62	Schedule E-1 2D Page 24-25
Section 20 - Residential Service (new section)	T	Section has been relocated from Section 23. Wording added to convey or define Residential Customer is a customer whose domestic needs for distribution service are limited to their primary single family residence, single occupancy apartment and/or condominium, mobile housing unit, or any other single family residential unit.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Added wording improves clarification that service is limited to their residence.	Schedule E2.1 4D Pg 55	Schedule E-1 2D Page 29-30

**OHIO POWER COMPANY
CASE NO 11-352-EL-AIR
RATIONALE FOR OPEN ACCESS
DISTRIBUTION (OAD) TARIFF CHANGES**

Schedule E-3 5D
Page 9 of 14
Witness Responsible:
Andrea Moore

Data: 3 Mos Act 9 Mos Est
Type of Filing: Original
Work Paper Reference No(s).

Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference Redline (E)	Data Reference Proposed Combined (F)
	T	First section of paragraph 1 from CSP. Paragraph 6 new to OP and CSP.		Schedule E2.1 4D Pg 55	
Section 21 - Meter Registration and Testing	T	Section has been relocated to Section 14.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.		Schedule E-1 2D Page 22-23
Section 21 - Deposits (new section)	C	Section has been relocated from Section 6. Added "Chapters 4901:1-10-14 and 4901:1- 17-03..."	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections. Added words and code numbers, "Chapters 4901:1-10-14 and 4901:1- 17-03..." clarifies Chapter 17 of the Ohio Administrative Code that address residential deposits, while Chapter 10 addresses nonresidential.	Schedule E2.1 4D Pg 56	Schedule E-1 2D Page 30
Section 22 - Billing Corrections	T	Portions of paragraph 3 from CSP. Section has been included in Section 22. Billing and Bills Payable.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 56	Schedule E-1 2D Page 30-32
Section 22 - Billing and Bills Payable (new section name)	I	New Section 22 name "Billing and Bills Payable" replaces former section name "Billing Corrections". Significant wording added existing language, which was adopted from CSP OAD Billing and Bills Payable section.	Added wording improves clarification of Company's billing policy and procedures.	Schedule E2.1 4D Pg 57	Schedule E-1 2D Page 30-32
Section 23 - Residential Service	T	Portions of paragraph 1 from CSP. Paragraph 6 from CSP.			
Section 23 - Change of Address by Customer (new section)	T	Section has been relocated to Section 20.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 59	Schedule E-1 2D Page 29-30
Section 24 - Denial or Discontinuance of Service	I	Section 24 includes two new paragraphs adopted from CSP OAD, conveying the Company reserves the right after at least five (5) days' notice in writing to discontinue to serve any customer (1) who is indebted to the Company for any service; (2) for failure to provide and maintain adequate security for the payment of bills; or (3) for failure to comply with the Ts&Cs.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 61	Schedule E-1 2D Page 32
			Added wording Improves clarification of Company's denial or discontinuance of service procedures.		Schedule E-1 2D Page 32-33

OHIO POWER COMPANY
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RATIONALE FOR OPEN ACCESS
DISTRIBUTION (OAD) TARIFF CHANGES

Data: 3 Mos Act 9 Mos Est
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Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference Redline (E)	Data Reference Proposed Combined (F)
	T	Wording also added stating that during the period from November 1 through April 15, the Company makes a second trip and if collection is not made on the first trip, even though contact on the first trip took place. The second trip will be made at least 10 days later only if the account remains delinquent. During the remainder of the year, only one trip will be made to the customer's premises.	Added wording improves clarification of Company's denial or discontinuance of service procedures related to second trip reconnections and collection, and Company's policy of returning under customer delinquencies.	Schedule E2.1 4D Pg 63	Schedule E-1 2D Page 32-33
	T	Included specific reconnection service charges for reconnections at meter, pole and reconnect.	Specific charges added appropriateley charge customers for specific reconnect circumstances.	Schedule E2.1 4D Pg 64	Schedule E-1 2D Page 32-33
	T	Paragraph 4 and last paragraph new to OP and CSP.			
Section 25 - Extension of Local Facilities	T	Section has been relocated to Section 10.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 64	Schedule E-1 2D Page 17-20
Section 25 - Disconnect Provisions - Non-Residential (new section)	T	New section added.	Improve clarification of Company's disconnect provisions for non-residential customers.	Schedule E2.1 4D Pg 67	Schedule E-1 2D Page 33-34
	T	All taken from CSP.			
Section 26 - Changing Competitive Service Providers (new section)	T	Section has been relocated from Section 4.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 68	Schedule E-1 2D Page 34-35
Section 27 - Customer Choice of Competitive Service Provider (new section)	T	Section has been relocated from Section 3.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 70	Schedule E-1 2D Page 36
Section 28 - Losses (new section)	T	Section has been relocated from Section 13.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 71	Schedule E-1 2D Page 36-37
Section 29 - Transmission Service (new section)	T	Section has been relocated from Section 12.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 72	Schedule E-1 2D Page 37
Section 30 - Minimum Stay Requirements (new section)	T	Section has been relocated from Section 5.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 72	Schedule E-1 2D Page 37-38

OHIO POWER COMPANY CASE NO 11-352-EL-AIR RATIONALE FOR OPEN ACCESS DISTRIBUTION (OAD) TARIFF CHANGES

Schedule E-3 5D
Page 11 of 14
Witness Responsible:
Andrea Moore

Data: 3 Mos Act 9 Mos Est
Type of Filing: Original
Work Paper Reference No(s):

Rate	Type	Explanation of Change (C)	Rationale of Change (D)	Data Reference Redline (E)	Data Reference Proposed Combined (F)
(A)	(B)	(C)	(D)	(E)	(F)
Section 31 - Suppliers Terms and Conditions (new section)	T	New section added to the Ts&Cs. Section has been relocated from Sheet Nos. 3-23D through 3-40D.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 74	Schedule E-1 2D Page 38-55
Section 32 - Code of Conduct (new section)	T	New section added to the Ts&Cs. Section has been relocated from Sheet Nos. 3-41D through 3-42D.	Improve flow of contents included in the Ts&Cs. Better fit in relation to the other neighboring sections.	Schedule E2.1 4D Pg 97	Schedule E-1 2D Page 55-57
Section 33 - Minimum Requirements for Distribution System Interconnection (new section)	T	Section has been relocated from Sheet Nos. 6-11D through 6-5D to Section 27 (new section of the Ts&Cs). Added specific wording and fees for various installation types for single and three phase service.	Improve flow of contents included in the Ts&Cs. Improve clarification of Company's minimum requirements for distribution system interconnections including specific interconnection fees for single and three phase applications.	Schedule E2.1 4D Pg 100	Schedule E-1 2D Page 57-60
Applicable Riders	T	Added Summary of Riders	One Sheet that Summarizes Riders		Schedule E-1 2D Page 61
Schedules					
Residential Services (RS)					
Monthly Rate	T	Addition of Demand Metered and Non-Demand Metered Customers	Recognized the difference in residential meters and charges per kWh or kW		Schedule E-1 2D Page 62
Seasonal Provision	T	Remove Blocking	Distribution Rate Design no longer reflects blocked (or seasonal residential rate)		Schedule E-1 2D Page 62
Applicable Riders	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule		Schedule E-1 2D Page 63
GS-1					
Availability of Service	T	Added secondary customers	Clarification		Schedule E-1 2D Page 65
Monthly Rates	T	Update Distribution Rates	New rates reflect updated Cost of Service		Schedule E-1 2D Page 65
Minimum Charge	T	Added the language of all applicable riders	Clarification, consistent with CSP		Schedule E-1 2D Page 65
Optional Unmetered	T	Updated Rate per Cost of Service	Updated Rate per Cost of Service		Schedule E-1 2D Page 66
Applicable Riders	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule		Schedule E-1 2D Page 67
Special Terms and Conditions	T	Added clarifying language	Clarification		Schedule E-1 2D Page 67

OHIO POWER COMPANY
CASE NO 11-352-EL-AIR
RATIONALE FOR OPEN ACCESS
DISTRIBUTION (OAD) TARIFF CHANGES

Schedule E-3 5D
Page 12 of 14
Witness Responsible:
Andrea Moore

Data: 3 Mos Act 9 Mos Est
Type of Filing: Original
Work Paper Reference No(s):

Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Date Reference Routings (E)	Date Reference Proposed Combined (F)
GS-2					
Availability of Service	T	Added clarifying language	Clarification		Schedule E-1 2D Page 68
Monthly Rates	I	Update Distribution Rates	New rates reflect updated Cost of Service		Schedule E-1 2D Page 68
Minimum and Maximum charge	T	Redefine Minimum Charge; eliminate maximum charge	Minimum charge no longer distinguished by size of customer; maximum charge no longer necessary		Schedule E-1 2D Page 68
Metering and Billing Options	I	Updated Rates Per Cost of Service	Updated Rates Per Cost of Service		Schedule E-1 2D Page 68
Excess KVAR/KVA Demand	I	Added KVA Demand from GS-3 Tariff; KVAR Demand comes from OPCo	Provision from GS-3 for KVA demand necessary since GS-3 is eliminated but provisions need to be in GS-2; KVAR Demand is to be consistent with OPCo		Schedule E-1 2D Page 70
Term of Contract	T	Added clarifying language	Clarification		Schedule E-1 2D Page 70
Special Terms and Conditions	I	Added City of Columbus Breakdown Maintenance from CSP Adopted with updated rates per cost of service; additional clarifying language	Clarification; Updated Rates Per Cost of service		Schedule E-1 2D Page 71-72
Recreational Lighting	I	Updated Rates Per Cost of Service	Updated Rates Per Cost of Service		Schedule E-1 2D Page 72
SB5					
Monthly Standby Charge	I	Updated Rates per Cost of Service	Updated Rates per Cost of Service		Schedule E-1 2D Page 74
Contract Less than 100	I	Updated Rates per Cost of Service	Updated Rates per Cost of Service		Schedule E-1 2D Page 75
Applicable Riders	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule		Schedule E-1 2D Page 76
NEMS					
Monthly Charges	T	Remove Reference to GS-3	Eliminated Schedule GS-3		Schedule E-1 2D Page 79
AFS	T	Added Schedule AFS (Alternative Feed Service Rider)	Addition option for customers requesting Alternative Feed Service		Schedule E-1 2D Page 80-84
OL					
Monthly Rate	I	Updated Table to include currently available lights and description; Update Rates Per Cost of Service	Consistent with OPCo; Updated rates per cost of service		Schedule E-1 2D Page 85-88
Discontinued Lamps	T	Added a section for discontinued lamps	Adds More clarity to Tariff		Schedule E-1 2D Page 86

OHIO POWER COMPANY
CASE NO 11-352-EL-AIR
RATIONALE FOR OPEN ACCESS
DISTRIBUTION (OAD) TARIFF CHANGES

Data: 3 Mos Act 9 Mos Est
Type of Filing: Original
Work Paper Reference No(s):

Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Data Reference Redline (E)	Data Reference Proposed Combined (F)
Applicable Riders					
	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule		Schedule E-1 2D Page 89
Monthly Kilowatt Hour Usage	T	Updated table with monthly kWh charged per light	Clarification		Schedule E-1 2D Page 89
Special Terms of Contract	T	Additional clarification language	Clarification		Schedule E-1 2D Page 90
SL					
Monthly Rate	I	Added a section for charges related to current installations in the OP Area; updated rates per cost of service	Necessary to keep current contracts in place due to a difference between the operations of outdoor lighting between the two Companies.		Schedule E-1 2D Page 91-93
All Installations after Dec 31	I	Shows all lamps and rates with merged rates and descriptions from OPCo process and tariff; Updated Rates per the Cost of Service	Merged Operations and consistency between Operating Companies		Schedule E-1 2D Page 95-96
Applicable Riders	T	Added Reference to Sheet No. 4-1, Removed Rider Table	Sheet 4-1 Now lists all riders instead of riders being listed on each schedule		Schedule E-1 2D Page 98
Electrical Receptacles	I	Updated Rate per Cost of Service	Updated Rate per Cost of Service		Schedule E-1 2D Page 98
Energy Only Rate	I	Updated Rate per Cost of Service	Updated Rate per Cost of Service		Schedule E-1 2D Page 98
Temporary Disconnects	I	Updated Rate per Cost of Service	Updated Rate per Cost of Service		Schedule E-1 2D Page 100
PA					
Availability of Service	T	Clarification for Cable TV and definition of attachment	Clarification		Schedule E-1 2D Page 101
	I	Updated Rates	Updated Rates to current costs per Distribution Test Year WPE-1 aaaa-aaab		Schedule E-1 2D Page 101
	I	Added Provision for Inspections	Addresses changes for unauthorized Pole Attachments		Schedule E-1 2D Page 103
Rider Schedules					
Universal Service Fund	IR	Update Effective Date and New Rate	Rate reflects proposed combination of CSP and OPCo due to pending merger case		Schedule E-1 2D Page 105
Advanced Energy Fund	T	Removed Schedule	This Schedule Expired December 31, 2010		
kWh Tax	T	Changed Effective Date	Date Changed to reflect Approval of new tariff		Schedule E-1 2D Page 106
	T	Reference Ohio Revised Code	Clarification of Ohio Revised Code		

OHIO POWER COMPANY
CASE NO 11-352-EL-AIR
RATIONALE FOR OPEN ACCESS
DISTRIBUTION (OAD) TARIFF CHANGES

Schedule E-3 5D
Page 14 of 14
Witness Responsible:
Andrea Moore

Data: 3 Mos Act 9 Mos Est
 Type of Filing: Original
 Work Paper Reference No(s):

Rate (A)	Type (B)	Explanation of Change (C)	Rationale of Change (D)	Date Reference Redline (E)	Date Reference Proposed Combined (F)
Provide of Last Resort	T	Changed Effective Date	Date Changed to reflect Approval of new tariff		Schedule E-1 2D Page 107
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	I, R	Updated Rate	Rate to reflect Changes from ESP Case		
	I, R	Update Effective Date and New Rate	Rate reflects proposed combination of CSP and OPCo due to pending merger case		Schedule E-1 2D Page 110
Economic Development Rider	I	Update Effective Date and New Rate	Rate reflects proposed combination of CSP and OPCo due to pending merger case		Schedule E-1 2D Page 111
Enhanced Service Reliability Rider	R	Update Effective Date and New Rate	Rate reflects proposed combination of CSP and OPCo due to pending merger case		Schedule E-1 2D Page 112
gridSMART Rider	I	Moved from CSP, Update Effective Date and New Rate	Rate reflects proposed combination of CSP and OPCo due to pending merger case		Schedule E-1 2D Page 113
Deferred Asset Recovery Rider		New Rider Established to begin Cycle 1, 2013	Rider to collect Regulatory Assets, to begin Cycle 1, 2013		Schedule E-1 2D Page 114
Distribution Investment Rider		New Rider Proposed to Collect Incremental Distribution Investment	Rider Initially set at zero. Rider value will update in subsequent filing based on Net Plant value of FERC Form 1		Schedule E-1 2D Page 115
Emergency Electrical Procedures		This Schedule was eliminated	This Schedule was eliminated		

**BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of)	
Columbus Southern Power Company and)	
Ohio Power Company, Individually and, if)	Case No. 11-351-EL-AIR
Their Proposed Merger is Approved, as a)	Case No. 11-352-EL-AIR
Merged Company (collectively, AEP Ohio))	
for an Increase in Electric Distribution Rates)	

In the Matter of the Application of)	
Columbus Southern Power Company and)	
Ohio Power Company, Individually and, if)	Case No. 11-353-EL-ATA
Their Proposed Merger is Approved, as a)	Case No. 11-354-EL-ATA
Merged Company (collectively AEP Ohio))	
for Tariff Approval)	

In the Matter of the Application of)	
Columbus Southern Power Company and)	
Ohio Power Company, Individually and, if)	Case No. 11-356-EL-AAM
Their Proposed Merger is Approved, as a)	Case No. 11-358-EL-AAM
Merged Company (collectively AEP Ohio))	
for Approval to Change Accounting)	
Methods)	

VOLUME FOUR

Contents

E-3.1 Customer Charge / Minimum Bill Rationale

E-3.2 Cost of Service Study

E-4 Class and Schedule Revenue Summary

E-4.1 Annualized Test Year Revenue at Proposed vs. Current Rates

E-5 Typical Bill Comparison

Filed February 28th, 2011

**SCHEDULES E-3.1 and E-3.2
TABLE OF CONTENTS**

CLASS COST-OF-SERVICE STUDY

COLUMBUS SOUTHERN POWER COMPANY

Case No. 11-351-EL-AIR

Test Year: Twelve Months Ended May 31, 2011

Date Certain: August 31, 2010

**Schedules and
Workpapers**

E-3.1	Customer Charge / Minimum Bill Rationale (references Sched. E-3.2)
E-3.2	Class Cost-of-Service Study (links also applicable to Sched. E-3.1)

COLUMBUS SOUTHERN POWER COMPANY
CLASS COST-OF-SERVICE STUDY - CUSTOMER CHARGE
TWELVE MONTHS ENDING MAY 31, 2011

Date: 3 MOS Actual & 9 MOS Estimated
Type of Filing: >Original_Updated_Revised
Work Paper Reference No(s): WP A-1e-p and all Schedule E3.2 Work Papers

Schedule E-3.1
Page 1 of 5
Witness Responsible:
Daniel E. High

Label	Allocation Factor	Function	Total Retail	RS	GS-1	SEC	PRI	SUB/TRAN	OL	SL
Rate Base										
Plant In Service										
Distribution										
360 Land and Land Rights	DIST_CPD	TOTAL	-	-	-	-	-	-	-	-
361 Structures and Improvements	DIST_CPD	TOTAL	-	-	-	-	-	-	-	-
362 Station Equipment	DIST_CPD	TOTAL	-	-	-	-	-	-	-	-
364 Poles, Towers & Fixtures	DIST_POLES	TOTAL	-	-	-	-	-	-	-	-
365 Overhead Lines	DIST_OHLINES	TOTAL	-	-	-	-	-	-	-	-
366 Underground Conduit	DIST_UGLINES	TOTAL	-	-	-	-	-	-	-	-
367 Underground Lines	DIST_UGLINES	TOTAL	-	-	-	-	-	-	-	-
368 Transformers	DIST_TRANSF	TOTAL	-	-	-	-	-	-	-	-
369 Services	DIST_SERV	TOTAL	136,107.963	110,897.563	9,148.068	5,252.288	-	-	4,779.043	31.001
370 Meters	DIST_METERS	TOTAL	73,448.345	51,795.353	7,382.843	11,893.863	1,256.143	1,115.340	-	5,003
371 Install on Cust. Premises	DIST_OL	TOTAL	25,211.018	-	-	-	-	-	25,211.018	-
372 Leased Prop. On Cust. Premises	DIST_OL	TOTAL	102.688	-	-	-	-	-	102.688	-
373 Street Lighting	DIST_SL	TOTAL	12,485.208	-	-	-	-	-	-	12,485.208
Total		TOTAL	247,355.224	168,892.917	16,530.711	17,148.151	1,256.143	1,115.340	30,092.751	12,521.212
Total Plant In Service										
General Plant										
	LABOR_M	TOTAL	247,355.224	168,892.917	16,530.711	17,148.151	1,256.143	1,115.340	30,092.751	12,521.212
Intangible Plant										
	LABOR_M	TOTAL	25,350.073	20,180.650	1,403.383	1,256.079	55.357	188.650	1,857.035	428.919
Total General & Intangible Plant		TOTAL	6,684.640	5,321.499	370.062	331.219	14.597	44.472	489.887	113.103
Total Electric Plant In Service										
		TOTAL	32,034.713	25,502.149	1,773.446	1,587.298	69.954	213.122	2,346.722	542.022
Electric Utility Plant										
		TOTAL	279,389.937	194,195.065	18,304.156	18,733.449	1,328.096	1,328.463	32,439.473	13,063.234
Accumulated Deprec. & Amortiz.										
Distribution										
General & Intangible	RB_GUP_EPIS_D	TOTAL	(102,982.961)	(70,232.979)	(6,862.334)	(7,138.565)	(522.978)	(464.357)	(12,528.704)	(5,213.035)
Total	RB_GUP_EPIS_G	TOTAL	(19,066.106)	(15,170.158)	(1,054.948)	(964.217)	(41.613)	(126.778)	(1,385.867)	(322.426)
		TOTAL	(122,039.057)	(85,403.137)	(7,937.283)	(8,062.782)	(564.590)	(591.134)	(13,924.670)	(5,536.461)
Net Electric Plant In Service										
		TOTAL	157,360.880	108,791.928	10,366.874	10,650.868	761.506	737.329	18,514.803	7,527.773
Working Capital										
Uncollectibles										
Materials & Supplies - Dist	RSALE	TOTAL	9,403	6,939	469	418	22	684	633	238
Prepayments - Other (Insurance, etc.)	RB_GUP_EPIS_D	TOTAL	216,719	147,799	14,483	15,023	1,101	977	26,366	10,970
Other Current Assets	RB_GUP	TOTAL	202,905	141,033	13,293	13,605	963	965	23,559	9,487
Total Working Capital	LABOR_M	TOTAL	429,027	295,771	28,245	28,045	2,066	2,626	50,556	20,696
Rate Base Offsets										
Customer Deposits	CUST_DEP	TOTAL	(27,677.212)	(19,217.805)	(1,202.407)	(6,917.440)	(120.884)	(75.081)	(143.595)	-
Customer Advances	RB_GUP_EPIS_D	TOTAL	(38,992)	(26,592)	(2,606)	(2,703)	(199)	(176)	(4,744)	(1,974)
Prepayments - Pensions	LABOR_M	TOTAL	25,206.250	20,066.164	1,395.422	1,248.953	55,043	167,694	1,846,500	426,486
Deferred Taxes (190.1)	RB_GUP_EPIS_D	TOTAL	5,576.530	3,903.118	372.679	386.554	28,319	25,145	678,430	282,286

COLUMBUS SOUTHERN POWER COMPANY
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 Witness Responsible:
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	Allocation Factor	Function	Total Retail	RS	GS-1	SEC	PRI	SUBTRAN	OL	SL
Deferred Taxes (281.1)										
Deferred Taxes (282.1)	RB_GUP_EPIS_D	TOTAL	(24,993,300)	(17,045,093)	(1,670,298)	(1,732,484)	(128,923)	(112,699)	(3,040,636)	(1,265,170)
Deferred Taxes (283.1)	RB_GUP_EPIS_D	TOTAL	(10,781,428)	(7,352,786)	(720,521)	(747,346)	(54,751)	(48,614)	(1,311,647)	(545,760)
Deferred Taxes - State (283.1)	RB_GUP_EPIS_D	TOTAL	(987,487)	(250,821)	(24,559)	(25,473)	(1,886)	(1,657)	(44,708)	(18,602)
Deferred Investment Tax Credits (255)	RB_GUP_EPIS_D	TOTAL	(33,075,626)	(20,023,615)	(1,852,291)	(7,789,940)	(221,261)	(45,386)	(2,020,400)	(1,122,734)
Total										
Total Rate Base										
		TOTAL	124,704,280	89,064,094	8,542,827	2,889,773	542,331	694,589	16,544,981	6,425,735
Operating Revenues										
Firm Sales of Electricity										
	RSAL	TOTAL	86,363,567	63,724,067	4,302,929	3,836,177	203,865	6,283,485	5,813,517	2,188,748
Other Operating Revenues										
Forfeited Discounts	FORF_DISC	TOTAL	440,697	(217)	181,771	156,735	1,057	43,516	54,130	3,706
Miscellaneous Service Revenue	MISC_SERV_REV	TOTAL	326,257	300,835	19,824	3,501	14	13	2,289	-
Rent Assoc Co	RB_GUP_EPIS_D	TOTAL	792,900	540,747	52,989	54,962	4,027	3,575	96,463	40,137
Rent Non-Assoc Co	RB_GUP_EPIS_D	TOTAL	697,076	476,397	46,585	48,320	3,540	3,143	84,805	35,286
Rent ABD	RB_GUP_EPIS_D	TOTAL	18,032	12,298	1,205	1,250	92	81	2,194	913
Other Electric Revenue-NonAff	RB_GUP_EPIS_D	TOTAL	499,287	340,507	33,367	34,610	2,536	2,251	80,742	25,274
Other Electric Revenue - ABD	RB_GUP_EPIS_D	TOTAL	90,718	61,868	6,063	6,288	461	409	11,037	4,592
Other Electric Rev - PJM Trans DistMeter	RB_GUP_EPIS_D	TOTAL	78,347	53,432	5,236	5,431	398	353	9,532	3,986
Total - Other Operating Revenues	RB_GUP_EPIS_D	TOTAL	2,943,314	1,784,666	347,041	311,097	12,123	53,342	321,171	113,874
Total Operating Revenues		TOTAL	89,296,881	65,508,733	4,649,970	4,147,274	215,788	6,336,807	6,134,689	2,303,620
Operating Expenses										
O&M Expense										
Distribution Operation										
580 Supervision & Engineering	TOTOXEXP	TOTAL	670,473	456,500	48,625	57,562	4,880	4,322	62,284	36,280
581 Load Dispatching	DIST_CPD	TOTAL	-	-	-	-	-	-	-	-
582 Station Equipment	DIST_CPD	TOTAL	-	-	-	-	-	-	-	-
583 Overhead Lines	DIST_OHLLINES	TOTAL	-	-	-	-	-	-	-	-
584 Underground Lines	DIST_OHLLINES	TOTAL	-	-	-	-	-	-	-	-
585 Street Lighting	DIST_SL	TOTAL	62,143	-	-	-	-	-	-	62,143
586 Meters	DIST_METERS	TOTAL	784,646	553,328	78,869	127,062	13,419	11,915	-	53
587 Customer Installations	DIST_PCUST	TOTAL	112,069	96,207	7,529	4,323	71	3,933	304,228	26
588 Miscellaneous Distribution	RB_GUP_EPIS_D	TOTAL	2,500,689	1,705,436	167,121	173,343	12,688	11,276	128,586	128,586
589 Rents	RB_GUP_EPIS_D	TOTAL	459,572	313,422	30,713	31,857	2,334	2,072	55,911	23,264
Total	RB_GUP_EPIS_D	TOTAL	4,589,612	3,124,893	332,856	394,165	33,404	29,585	426,357	248,352
Distribution Maintenance										
590 Supervision & Engineering	TOTMEXP	TOTAL	20,732	3,279	467	753	80	71	14,501	1,581
591 Structures	DIST_CPD	TOTAL	-	-	-	-	-	-	-	-
592 Station Equipment	TOTOHLLINES	TOTAL	-	-	-	-	-	-	-	-
593 Overhead Lines	TOTOHLLINES	TOTAL	-	-	-	-	-	-	-	-
594 Underground Lines	TOTOHLLINES	TOTAL	-	-	-	-	-	-	-	-
595 Line Transformers	DIST_TRANSF	TOTAL	-	-	-	-	-	-	-	-
596 Street Lighting	DIST_SL	TOTAL	150,648	-	-	-	-	-	-	150,648
597 Meters	DIST_METERS	TOTAL	443,184	312,536	44,546	71,769	7,580	6,730	-	30
598 Miscellaneous Distribution	DIST_OL	TOTAL	1,382,186	315,817	45,015	72,522	-	-	1,382,186	-
Total	DIST_OL	TOTAL	1,996,760	315,817	45,015	72,522	-	-	1,386,887	152,259
Customer Accounts										
		TOTAL	-	-	-	-	-	-	-	-

COLUMBUS SOUTHERN POWER COMPANY
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	Label	Allocation Factor	Function	Total Retail	RS	GS-1	SEC	PRI	SUB/TRAN	OL	SL	
Customer Service & Int & Sales Exp	901 Supervision & Engineering	TOTOX234	TOTAL	1,162,166	1,054,726	64,570	42,068	683	59	(80)	139	
	902 Meter Reading	CUST_902	TOTAL	4,649,008	4,029,531	315,340	296,398	7,115	634	-	3,987	
	903 Customer Records & Collection Exp.	CUST_903	TOTAL	22,089,485	20,233,646	1,170,430	671,993	8,665	784	-	(782)	
	904 Uncollectible Accounts	UNCOLFAC	TOTAL	(15,050)	(10,264)	(1,006)	(1,043)	(76)	(88)	(1,831)	76,586	
	Factoring Expense	RSALE	TOTAL	3,020,201	2,228,739	150,494	134,170	7,123	219,763	203,327	-	
	431-Interest on Customer Deposits	CUST_DEP	TOTAL	830,316	578,534	36,072	207,523	3,627	2,252	4,308	-	
	905 Miscellaneous Customer Accounts	TOTOX234	TOTAL	76,984	69,867	4,277	2,787	45	4	(5)	9	
	Total		TOTAL	31,813,111	28,182,779	1,740,176	1,353,886	27,182	223,428	205,719	79,939	
	Administrative & General Expense	907 Supervision	EXP_OM_CUSTACCT	TOTAL	1,016,982	800,898	55,629	43,281	869	7,142	6,576	2,555
		908 Customer Assistance	EXP_OM_CUSTACCT	TOTAL	310,389	274,969	16,978	13,208	265	2,180	2,007	780
909 Information & Instruction		EXP_OM_CUSTACCT	TOTAL	299,948	265,720	16,407	12,765	256	2,107	1,940	754	
910 Miscellaneous Customer Service		EXP_OM_CUSTACCT	TOTAL	(659)	(584)	(36)	(26)	(1)	(5)	(4)	(2)	
911-916 Misc Selling Expense		EXP_OM_CUSTACCT	TOTAL	1,626,870	1,441,044	88,979	69,227	1,380	11,424	10,519	4,087	
Total			TOTAL	-	-	-	-	-	-	-	-	
920 Salaries		LABOR_M	TOTAL	3,278,825	2,610,202	181,516	162,464	7,160	21,814	240,192	55,477	
921-Office Supplies		LABOR_M	TOTAL	328,429	281,455	18,182	18,273	717	2,185	24,059	5,557	
922-Admin Exp Transferred		LABOR_M	TOTAL	(680,960)	(542,098)	(37,698)	(33,741)	(1,487)	(4,530)	(49,884)	(11,522)	
923,0001 Outside Svcs Empl - Non-Asso.		LABOR_M	TOTAL	510,726	406,578	28,274	25,306	1,115	3,398	37,414	8,641	
923,0003 AEPSC Billed to Client Co.	LABOR_M	TOTAL	2,490,631	1,982,738	137,882	123,409	5,439	16,570	182,463	42,141		
924-Property Insurance	RB_GUP_EPIS_D	TOTAL	29,093	19,841	1,944	2,017	148	131	3,539	1,473		
925-Injuries & Damages	LABOR_M	TOTAL	365,974	307,266	21,368	19,125	843	2,568	28,275	6,531		
926,0000 Employee Benefits	LABOR_M	TOTAL	2,103,798	1,674,789	116,487	104,242	4,594	13,996	154,115	35,586		
926,0003 Pension Plan	LABOR_M	TOTAL	774,772	616,778	42,891	38,389	1,692	5,154	58,756	13,109		
927-Franchise Requirements	RSALE	TOTAL	-	-	-	-	-	-	-	-		
9280000 Reg. Commission Exp.	LABOR_M	TOTAL	40,555	29,927	2,021	1,802	96	2,951	2,730	1,028		
928 Duplicate Charges	LABOR_M	TOTAL	247,631	197,134	13,709	12,270	541	1,647	18,140	4,180		
930,1 Gen. Advertising Exp.	LABOR_M	TOTAL	238,109	189,553	13,182	11,798	520	1,584	17,443	4,029		
930,2000 Misc. General Expenses	LABOR_M	TOTAL	99,764	68,038	6,667	6,915	507	450	12,137	5,050		
930,2007 ABD Exp.	RB_GUP_EPIS_D	TOTAL	616,083	489,654	34,051	30,477	1,343	4,082	45,058	10,407		
931 Rent	LABOR_M	TOTAL	749,292	596,496	41,481	37,127	1,636	4,985	54,890	12,678		
935 A&G - Labor Related	LABOR_M	TOTAL	11,211,721	8,908,352	821,936	557,873	24,863	76,995	827,318	194,385		
Total O&M Expense		TOTAL	51,237,874	41,972,894	2,826,964	2,447,672	94,498	348,233	2,866,600	679,023		
Depreciation & Amortization Expense	Distribution	RB_GUP_EPIS_D	TOTAL	-	-	-	-	-	-	-	-	
	General & Intangible	RB_GUP_EPIS_G	TOTAL	7,328,654	4,998,043	489,773	508,007	37,217	33,045	891,580	370,979	
Total Depreciation & Amort Expense		TOTAL	1,641,632	1,308,868	90,881	81,342	3,585	10,922	120,256	27,776		
Taxes Other Than Income		TOTAL	8,970,285	6,304,910	580,654	589,349	40,802	43,987	1,011,848	398,755		
Taxes Other Than Income	Payroll Taxes	LABOR_M	TOTAL	797,493	634,867	44,149	39,515	1,741	5,306	58,421	13,493	
	Commercial Activity Taxes	RSALE	TOTAL	1,184,309	873,954	59,013	52,612	2,793	86,176	79,730	30,032	
	Property Taxes	NP	TOTAL	10,447,037	7,223,050	688,290	707,132	50,559	48,954	1,229,258	499,793	
	Regulatory Fees	RSALE	TOTAL	647,725	477,984	32,276	28,775	1,528	47,131	43,606	16,425	
	Franchise Tax	RSALE	TOTAL	605	373	25	22	1	37	34	13	
	Miscellaneous Taxes	NP	TOTAL	1,517	1,049	100	103	7	7	178	73	
Total Taxes Other Than Income		TOTAL	13,078,586	9,211,277	823,854	828,159	58,630	187,610	1,411,228	559,829		

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Label	Allocation Factor	Function	Total Retail	RS	GS-1	SEC	PRI	SUB/TRAN	OL	SL
Total Operating Expense Before Income Tax		TOTAL	73,286,746	57,488,072	4,233,472	3,866,180	191,929	579,810	5,289,576	1,637,607
Gross Operating Income		TOTAL	16,010,135	8,019,662	416,489	282,084	23,858	5,756,997	845,013	666,013
Interest Expense Factor		TOTAL	-	-	-	-	-	-	-	-
Interest Expense Synchronized		TOTAL	3,386,968	2,418,981	232,023	78,486	14,730	18,864	449,361	174,523
Net Operating Income Before Income Tax		TOTAL	12,623,167	5,800,681	184,476	203,608	9,129	5,738,132	385,651	491,490
Schedule M Income Adjustments		TOTAL	-	-	-	-	-	-	-	-
Labor Related	LABOR_M	TOTAL	(1,678,331)	(1,336,879)	(92,966)	(83,210)	(3,887)	(11,172)	(123,020)	(28,414)
Rate Base Related	RATEBASE	TOTAL	(884,194)	(631,493)	(60,571)	(20,489)	(3,845)	(4,925)	(117,309)	(45,561)
Distribution Related	RB_GUP_EPIS_D	TOTAL	(2,000,463)	(1,364,288)	(133,691)	(136,668)	(10,159)	(9,020)	(243,372)	(101,264)
General Plant Related	RB_GUP_EPIS_D	TOTAL	37,327	25,457	2,495	2,587	190	168	4,541	1,890
Total Schedule M Income Adjustments		TOTAL	(4,526,660)	(3,307,205)	(284,735)	(239,780)	(17,482)	(24,948)	(479,161)	(173,349)
State Tax Adjustments		TOTAL	-	-	-	-	-	-	-	-
Illinois - Plant Related	RB_GUP	TOTAL	1,276,557	887,294	83,833	85,595	6,059	6,070	148,219	59,687
Kentucky - Plant Related	RB_GUP	TOTAL	1,232,587	856,718	80,751	82,645	5,850	5,861	148,111	57,630
Michigan - Plant Related	RB_GUP	TOTAL	1,654,321	1,149,866	108,382	110,924	7,852	7,886	192,080	77,350
Ohio - Plant Related	RB_GUP	TOTAL	491,896	341,902	32,226	32,982	2,335	2,339	57,113	22,988
West Virginia - Plant Related	RB_GUP	TOTAL	-	-	-	-	-	-	-	-
Illinois Taxable Income		TOTAL	9,373,063	3,190,771	(16,627)	49,423	(2,284)	5,719,253	64,709	377,928
Tax Factor (Tax Rate x Apportionment)		TOTAL	-	-	-	-	-	-	-	-
Illinois Tax		TOTAL	2,297	779	(4)	12	(1)	1,402	16	93
Kentucky Taxable Income		TOTAL	9,329,074	3,150,195	(19,509)	46,473	(2,503)	5,719,044	59,602	375,771
Tax Factor (Tax Rate x Apportionment)		TOTAL	-	-	-	-	-	-	-	-
Kentucky Tax		TOTAL	1,225	414	(3)	6	(0)	751	8	49
Michigan Taxable Income		TOTAL	9,750,827	3,443,342	8,122	74,752	(501)	5,721,049	108,571	395,491
Tax Factor (Tax Rate x Apportionment)		TOTAL	-	-	-	-	-	-	-	-
Michigan Tax		TOTAL	2,939	1,038	2	23	(0)	1,725	33	119
Ohio Taxable Income		TOTAL	8,588,403	2,635,378	(68,034)	(3,190)	(6,018)	5,715,622	(26,396)	341,140
Tax Factor (Tax Rate x Apportionment)		TOTAL	-	-	-	-	-	-	-	-
Ohio Tax		TOTAL	74,901	22,984	(583)	(28)	(52)	48,846	(230)	2,975
West Virginia Taxable Income		TOTAL	8,096,506	2,283,476	(100,280)	(36,172)	(8,353)	5,713,183	(83,509)	318,141
Tax Factor (Tax Rate x Apportionment)		TOTAL	-	-	-	-	-	-	-	-
West Virginia Tax		TOTAL	4	1	(0)	(0)	(0)	3	(0)	0
Deferred SIF (410.1 & 411.1)	RB_GUP_EPIS_D	TOTAL	21,776	14,851	1,435	1,510	111	98	2,649	1,102
Total State Income Tax		TOTAL	103,143	40,067	858	1,522	57	53,825	2,475	4,339
Federal Taxable Income		TOTAL	8,015,140	2,268,260	(99,663)	(36,186)	(8,299)	5,659,457	(83,336)	314,905
Tax Factor (Tax Rate x Apportionment)		TOTAL	-	-	-	-	-	-	-	-
Gross Current FIT		TOTAL	2,806,288	783,891	(34,882)	(12,665)	(2,905)	1,980,810	(29,167)	110,217

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Label	Allocation		Function	Total Retail	RS	GS-1	SEC	PRI	SUB/TRAN	OL	SL
	Factor										
Deferred FIT											
DFIT (410.1 & 411.1)		RB_GUP_EPIS_D	TOTAL	1,645,923	1,122,497	109,997	114,092	8,356	7,422	200,240	83,317
Deferred ITC											
Investment Tax Credit (411.4 & 411.5)		RB_GUP_EPIS_D	TOTAL	(30,558)	(20,840)	(2,042)	(2,118)	(155)	(138)	(3,718)	(1,547)
Total Federal Income Tax			TOTAL	4,420,663	1,895,548	73,073	99,309	5,299	1,988,094	167,365	191,987
Total Income Tax			TOTAL	4,523,807	1,936,615	73,930	100,831	5,366	2,041,918	169,830	196,326
Total Expenses			TOTAL	77,810,553	59,424,687	4,307,402	3,998,011	197,285	2,621,729	5,459,506	1,833,933
Net Operating Income			TOTAL	11,486,329	6,084,046	342,568	181,262	18,503	3,715,078	675,182	469,688
Current Rate of Return				5.98%	6.83%	4.01%	3.90%	2.21%	534.88%	4.08%	7.31%
O&M Labor				-	-	-	-	-	-	-	-
Disitribution		EXP_OM_DIST	TOTAL	3,750,227	1,959,112	215,157	265,728	23,361	20,718	1,038,027	228,105
Customer Accounts		EXP_OM_CUSTACCT	TOTAL	10,086,571	8,935,548	551,736	429,259	8,618	70,840	65,225	25,345
Customer Service		EXP_OM_CUSTSERV	TOTAL	1,341,961	1,188,824	73,405	57,110	1,147	9,425	8,678	3,372
Total			TOTAL	15,178,759	12,083,485	840,298	752,097	33,146	100,982	1,111,929	256,822
Calculation of Proposed Revenues											
Proposed Operating Income (NOI + Inc. Defic)		RATEBASE	TOTAL	10,428,839	7,448,301	714,424	241,668	45,354	58,066	1,389,631	537,375
Proposed Rate of Return				8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%
Income Increase			TOTAL	(1,057,469)	1,364,255	371,856	60,405	26,851	(3,656,993)	708,449	67,687
Gross Revenue Conversion Factor				-	-	-	-	-	-	-	-
Total Revenue Increase			TOTAL	(1,655,747)	2,136,080	582,228	94,578	42,042	(5,725,879)	1,109,243	105,981
Less: Miscellaneous Service Charge Increases		MISC_SERV_REV	TOTAL	357,184	329,134	21,704	3,833	15	14	2,484	-
Less: Pole Attachment Increases		RB_GUP_EPIS_D	TOTAL	172,272	117,467	11,513	11,942	875	777	20,958	8,720
Proposed Sales Revenue Increase			TOTAL	(2,185,203)	1,889,439	549,012	78,804	41,152	(5,728,670)	1,085,800	97,260
Total Proposed Sales Revenue			TOTAL	84,168,364	65,413,506	4,851,941	3,914,991	244,817	556,795	6,899,317	2,287,006
Customer Bills					7,846,488	621,997	357,602	5,946	423		
Full Cost Customer Charge					8.34	7.80	10.95	41.17	1,318.30		

Source: WP A-1e-p and all Schedule E-3.2 Work Papers
Date Prepared: 2/28/2011

COLUMBUS SOUTHERN POWER COMPANY
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TWELVE MONTHS ENDING MAY 31, 2011

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Rate Base Plant in Service	Label	Constant	Allocation Factor	Function	Total Retail	RS	GS-1	Demand Metered				OL	SL
								SEC	PRI	SUB/TRAN			
Distribution	360 Land and Land Rights	27,876,137	DIST_CPD	TOTAL	27,876,137	15,109,667	550,100	6,825,646	3,300,136	0	51,635	38,754	
	361 Structures and Improvements	9,781,492	DIST_CPD	TOTAL	9,781,492	5,301,850	193,025	3,096,912	1,157,969	0	18,118	13,599	
	362 Station Equipment	233,226,914	DIST_CPD	TOTAL	233,226,914	126,415,665	4,602,439	73,841,818	27,610,726	0	432,006	324,240	
	364 Poles, Towers & Fixtures	230,957,605	DIST_POLES	TOTAL	230,957,605	136,975,734	5,465,976	69,915,422	17,717,663	0	574,035	418,775	
	365 Overhead Lines	230,847,466	DIST_OHLINES	TOTAL	230,847,466	128,545,127	4,892,193	71,848,687	23,721,601	0	482,410	357,548	
	366 Underground Conduit	93,777,233	DIST_UGLINES	TOTAL	93,777,233	53,113,365	2,024,557	29,050,088	9,237,675	0	202,025	149,292	
	367 Underground Lines	372,663,977	DIST_UGLINES	TOTAL	372,663,977	211,068,810	8,046,446	116,442,960	36,710,652	0	802,833	593,277	
	368 Transformers	303,227,545	DIST_TRANSF	TOTAL	303,227,545	201,566,463	8,821,110	85,556,786	5,469,543	0	1,023,538	730,106	
	369 Services	136,107,963	DIST_SERV	TOTAL	136,107,963	116,897,563	9,148,068	5,252,288	11,893,663	1,256,143	115,340	31,001	
	370 Meters	73,446,345	DIST_METERS	TOTAL	73,446,345	61,795,353	7,342,643	11,893,663	1,256,143	115,340	25,211,019	5,003	
	371 Install on Cust. Premises	25,211,019	DIST_OL	TOTAL	25,211,019	-	-	-	-	-	-	-	
	372 Leased Prop. On Cust. Premises	102,689	DIST_OL	TOTAL	102,689	-	-	-	-	-	-	-	
	373 Street Lighting	12,485,208	DIST_SL	TOTAL	12,485,208	-	-	-	-	-	-	-	
	Total	1,749,713,592		TOTAL	1,749,713,592	1,047,819,646	51,115,557	474,624,568	126,212,327	1,115,340	33,679,351	15,146,803	
General Plant in Service	Total Plant in Service	1,749,713,592		TOTAL	1,749,713,592	1,047,819,646	51,115,557	474,624,568	126,212,327	1,115,340	33,679,351	15,146,803	
	General Plant	86,896,797	LABOR_M	TOTAL	86,896,797	55,930,489	2,768,913	19,962,340	5,516,160	168,660	1,996,915	533,340	
Intangible Plant	Total General & Intangible Plant	22,914,087	LABOR_M	TOTAL	22,914,087	14,748,465	730,143	5,268,205	1,454,571	44,472	526,573	140,638	
	Total Electric Plant in Service	109,810,884		TOTAL	109,810,884	70,678,974	3,499,056	25,251,548	6,970,721	213,122	2,523,487	673,978	
Electric Utility Plant	Total Electric Plant in Service	1,859,524,476		TOTAL	1,859,524,476	1,118,498,620	54,614,613	499,876,114	133,183,047	1,328,463	36,202,839	15,820,781	
	Electric Utility Plant	1,859,524,476		TOTAL	1,859,524,476	1,118,498,620	54,614,613	499,876,114	133,183,047	1,328,463	36,202,839	15,820,781	
Accumulated Deprec. & Amortiz.	Distribution	(728,469,226)	RB_GUP_EPIS_D	TOTAL	(728,469,226)	(438,245,320)	(21,281,280)	(197,603,421)	(52,548,769)	(464,367)	(14,021,895)	(6,308,163)	
	General & Intangible	(65,321,887)	RB_GUP_EPIS_G	TOTAL	(65,321,887)	(42,043,856)	(2,081,442)	(16,021,085)	(4,146,589)	(126,778)	(1,501,117)	(400,921)	
	Total	(793,791,113)		TOTAL	(793,791,113)	(478,289,276)	(23,362,702)	(212,624,506)	(56,693,358)	(591,134)	(15,523,052)	(6,707,085)	
Net Electric Plant in Service	Total Electric Plant in Service	1,065,733,363		TOTAL	1,065,733,363	640,209,344	31,251,911	287,251,608	76,489,869	737,328	20,679,766	9,113,696	
	Working Capital			TOTAL									
Uncollectibles	Materials & Supplies - Dist	37,006	RSAL	TOTAL	37,006	24,229	1,029	8,039	2,039	684	683	291	
	Prepayments - Other (Insurance, etc.)	1,533,003	RB_GUP_EPIS_D	TOTAL	1,533,003	918,042	4,785	415,840	110,580	977	29,508	13,271	
	Other Current Assets	1,350,466	RB_GUP	TOTAL	1,350,466	812,301	38,663	363,031	96,723	965	26,262	11,480	
	Total Working Capital	2,920,475	LABOR_M	TOTAL	2,920,475	1,754,573	85,477	786,911	209,343	2,626	66,494	26,062	
Rate Base Offsets	Customer Deposits	(27,677,212)	CUST_DEP	TOTAL	(27,677,212)	(19,217,806)	(1,202,407)	(6,917,440)	(120,984)	(75,081)	(143,866)	(2,388)	
	Customer Advances	(275,814)	RB_GUP_EPIS_D	TOTAL	(275,814)	(165,172)	(8,056)	(74,817)	(19,895)	(176)	(5,308)	(1,389)	
	Prepayments - Pensions	86,403,823	LABOR_M	TOTAL	86,403,823	55,613,180	2,753,204	19,866,978	5,484,856	167,694	1,985,566	530,314	
	Deferred Taxes (190.1)	39,446,633	RB_GUP_EPIS_D	TOTAL	39,446,633	23,622,699	1,152,381	10,700,232	2,845,408	25,145	769,288	341,479	
	Deferred Taxes (281.1)	-	RB_GUP_EPIS_D	TOTAL	-	-	-	-	-	-	-	-	
	Deferred Taxes (282.1)	(176,794,800)	RB_GUP_EPIS_D	TOTAL	(176,794,800)	(105,873,936)	(5,164,826)	(47,967,081)	(12,752,763)	(112,666)	(3,403,034)	(1,530,466)	
	Deferred Taxes (283.1)	(76,264,435)	RB_GUP_EPIS_D	TOTAL	(76,264,435)	(45,871,118)	(2,227,964)	(20,587,371)	(5,501,193)	(48,614)	(1,467,975)	(660,201)	

COLUMBUS SOUTHERN POWER COMPANY
CLASS COST-OF-SERVICE STUDY - SCHEDULE E-3.2
TWELVE MONTHS ENDING MAY 31, 2011

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Type of Filing: ->Original_Updated_Revised
Work Paper Reference No(s): WP A-1-e-p and all Schedule E-3.2 Work Papers

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Witness Responsible:
Daniel E. High

Label	Constant	Allocation		Function	Total Retail	RS	GS-1	Demand Metered				OL	SL
		Factor						SEC	PRI	SUB/TRAN			
Deferred Taxes - State (283.1)	(2,599,489)	RB_GUP_EPIS_D	TOTAL		(2,599,489)	(1,556,709)	(75,941)	(706,139)		(187,509)	(1,657)	(50,036)	(22,503)
Deferred Investment Tax Credits (255)	-	RB_GUP_EPIS_D	TOTAL		-	-	-	-		-	-	-	-
Total	(157,761,294)		TOTAL		(157,761,294)	(93,248,850)	(4,773,809)	(45,772,632)		(10,251,979)	(45,386)	(12,325,075)	(1,343,764)
Total Rate Base	910,892,544		TOTAL		910,892,544	548,715,067	26,563,779	242,265,987		68,447,053	694,569	18,411,205	7,794,984
Operating Revenues													
Firm Sales of Electricity	339,861,624	RSAL	TOTAL		339,861,624	222,519,694	9,453,076	73,832,600		18,729,482	6,283,465	6,369,014	2,674,390
Other Operating Revenues													
Forfeited Discounts	2,831,272	FORF_DISC	TOTAL		2,831,272	(759)	399,331	2,268,038		27,317	43,516	59,303	4,526
Miscellaneous Service Revenue	1,990,962	MISC_SERV_REV	TOTAL		1,990,962	1,867,365	81,300	58,591		1,153	13	2,540	-
Rent Assoc Co	5,608,725	RB_GUP_EPIS_D	TOTAL		5,608,725	3,358,797	183,851	1,521,414		404,575	3,575	107,960	48,563
Rent Non-Assoc Co	4,930,900	RB_GUP_EPIS_D	TOTAL		4,930,900	2,952,890	144,050	1,337,548		355,691	3,143	94,912	42,683
Rent ABD	127,554	RB_GUP_EPIS_D	TOTAL		127,554	78,396	3,726	34,600		9,201	81	2,456	1,104
Other Electric Revenue-NonAff	3,631,800	RB_GUP_EPIS_D	TOTAL		3,631,800	2,115,026	103,177	958,031		254,760	2,251	67,962	30,574
Other Electric Revenue - ABD	641,711	RB_GUP_EPIS_D	TOTAL		641,711	364,290	18,747	174,070		46,289	409	12,952	5,565
Other Electric Rev - PJM Trans Dist/Meter	554,202	RB_GUP_EPIS_D	TOTAL		554,202	331,885	16,190	150,332		39,976	353	10,668	4,798
Total - Other Operating Revenues	20,217,126		TOTAL		20,217,126	11,085,870	910,372	6,532,823		1,135,952	53,342	358,171	137,786
Total Operating Revenues	360,078,750		TOTAL		360,078,750	233,605,564	10,363,450	80,365,123		19,868,434	6,336,807	6,727,156	2,812,186
Operating Expenses													
O&M Expense													
Distribution Operation													
580 Supervision & Engineering	4,610,867	TOTXEXP	TOTAL		4,610,867	2,740,987	137,713	1,263,429		349,988	4,322	71,427	42,981
581 Load Dispatching	(37,605)	DIST_CPD	TOTAL		(37,605)	(20,363)	(742)	(11,906)		(4,452)	(0)	(70)	(52)
582 Station Equipment	934,647	DIST_CPD	TOTAL		934,647	506,606	18,444	295,918		110,648	1,731	1,299	1,299
583 Overhead Lines	1,464,151	DIST_OH-LINES	TOTAL		1,464,151	821,641	31,029	455,700		150,454	0	3,060	2,288
584 Underground Lines	2,892,033	DIST_UGLINES	TOTAL		2,892,033	1,524,709	56,118	833,932		286,189	0	5,799	4,286
585 Street Lighting	62,143	DIST_SL	TOTAL		62,143	-	-	-		-	-	-	62,143
586 Meters	784,846	DIST_METERS	TOTAL		784,846	553,326	78,869	127,082		13,419	11,815	53	53
587 Customer Installations	112,089	DIST_PCUST	TOTAL		112,089	96,207	7,528	4,323		71	-	3,933	26
588 Miscellaneous Distribution	17,689,091	RB_GUP_EPIS_D	TOTAL		17,689,091	10,593,149	516,763	4,786,315		1,275,970	11,276	340,488	153,130
589 Rents	3,250,872	RB_GUP_EPIS_D	TOTAL		3,250,872	1,946,762	94,970	881,825		234,466	2,072	62,574	28,142
Total	31,562,934		TOTAL		31,562,934	18,763,045	942,693	8,646,599		2,395,784	29,585	488,944	294,285
Distribution Maintenance													
590 Supervision & Engineering	365,208	TOTXEXP	TOTAL		365,208	196,226	7,879	103,663		30,682	71	15,253	2,134
591 Structures	193,954	DIST_CPD	TOTAL		193,954	105,129	3,827	81,408		22,951	0	359	270
592 Station Equipment	2,588,036	DIST_CPD	TOTAL		2,588,036	1,401,706	51,032	816,763		306,180	0	4,780	3,595
593 Overhead Lines	25,592,038	TOTAL-LINES	TOTAL		25,592,038	14,769,894	573,489	7,850,852		2,296,456	0	58,545	43,022
594 Underground Lines	3,188,288	TOTU-LINES	TOTAL		3,188,288	1,805,733	68,832	987,063		314,075	0	6,889	5,076
595 Line Transformers	320,060	DIST_TRANSF	TOTAL		320,060	212,767	9,311	90,306		5,805	0	1,080	771
596 Street Lighting	150,648	DIST_SL	TOTAL		150,648	-	-	-		-	-	-	150,648
597 Meters	443,194	DIST_METERS	TOTAL		443,194	312,538	44,548	71,769		7,580	6,730	-	30
598 Miscellaneous Distribution	1,382,188	DIST_OL	TOTAL		1,382,188	-	-	-		-	-	1,382,186	-
Total	34,211,622		TOTAL		34,211,622	18,803,063	758,898	9,984,223		2,984,009	6,801	1,469,083	205,545
Customer Accounts													
901 Supervision & Engineering	1,158,191	TOTOX234	TOTAL		1,158,191	1,052,400	64,479	40,858		352	59	(89)	132
902 Meter Reading	4,649,008	CUST_202	TOTAL		4,649,008	4,028,631	315,340	296,398		7,115	634	-	-
903 Customer Records & Collection Exp.	22,089,485	CUST_903	TOTAL		22,089,485	20,233,646	1,170,430	671,993		8,665	784	(2,049)	3,967
904 Uncollectible Accounts	(106,456)	UNCOLFAC	TOTAL		(106,456)	(63,751)	(3,110)	(26,877)		(7,679)	(68)	(922)	-
Factoring Expense	11,896,603	RSAL	TOTAL		11,896,603	7,792,589	330,620	2,582,279		655,060	2,917,783	222,756	93,536

COLUMBUS SOUTHERN POWER COMPANY
CLASS COST-OF-SERVICE STUDY - SCHEDULE E-3.2
TWELVE MONTHS ENDING MAY 31, 2011

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Type of Filing: >Original Updated Revised
Work Paper Reference No(s): WP A-1-e-p and all Schedule E3.2 Work Papers

Schedule E-3.2
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Witness Responsible:
Daniel E. High

Label	Constant	Allocation Factor	Function	Total Retail	RS	GS-1	SEC	Demand Metered PRI	SUB/TRAN	OL	SL
431-Interest on Customer Deposits	830,316	CUST_DEP	TOTAL	830,316	576,534	36,072	207,523	3,627	2,252	4,308	-
905 Miscellaneous Customer Accounts	76,721	TOTDXX24	TOTAL	76,721	69,713	4,271	2,707	23	4	(6)	9
Total	40,583,868		TOTAL	40,583,868	33,680,661	1,918,102	3,772,871	667,164	223,428	224,918	66,723
Customer Service & Int'l & Sales Exp											
807 Supervision	1,297,373	EXP_OM_CUSTACCT	TOTAL	1,297,373	1,076,893	61,317	120,610	21,328	7,142	7,190	3,092
908 Customer Assistance	396,982	EXP_OM_CUSTACCT	TOTAL	396,982	328,610	18,714	36,811	8,509	2,180	2,194	944
909 Information & Instruction	382,643	EXP_OM_CUSTACCT	TOTAL	382,643	317,556	18,085	35,572	8,280	2,107	2,121	912
910 Miscellaneous Customer Service	-	EXP_OM_CUSTACCT	TOTAL	-	-	-	-	-	-	-	-
911-916 Misc Selling Expense	(841)	EXP_OM_CUSTACCT	TOTAL	(841)	(688)	(40)	(76)	(14)	(5)	(5)	(2)
Total	2,075,137		TOTAL	2,075,137	1,722,162	98,077	192,915	34,113	11,424	11,501	4,946
Administrative & General Expense											
920 Salaries	11,239,391	LABOR_M	TOTAL	11,239,391	7,234,152	358,136	2,584,552	713,468	21,814	258,295	68,983
921-Office Supplies	1,125,811	LABOR_M	TOTAL	1,125,811	724,620	35,873	258,896	71,466	2,185	25,871	8,910
922-Admin Exp Transferred	(2,334,245)	LABOR_M	TOTAL	(2,334,245)	(1,502,420)	(74,378)	(538,771)	(148,176)	(4,530)	(53,642)	(14,327)
923-0001 Outside Svcs Empl - Non-Asso.	1,750,703	LABOR_M	TOTAL	1,750,703	1,126,827	55,785	402,583	111,133	3,398	40,232	10,745
924-0003 AEPSC Bill to Client Co.	8,537,563	LABOR_M	TOTAL	8,537,563	5,496,140	272,044	1,983,254	541,959	16,570	186,198	52,400
924-Property Insurance	206,794	RB_GUP_EPS_D	TOTAL	206,794	123,240	6,012	55,823	14,845	131	3,961	1,782
925-Injuries & Damages	1,323,070	LABOR_M	TOTAL	1,323,070	851,584	42,159	304,246	83,988	2,588	30,405	8,121
926-0000 Employee Benefits	7,211,550	LABOR_M	TOTAL	7,211,550	4,641,662	229,792	1,558,331	457,784	13,996	166,724	44,282
926-0003 Pension Plan	2,655,818	LABOR_M	TOTAL	2,655,818	1,709,398	84,626	610,718	185,590	5,154	61,032	16,300
927-Franchise Requirements	159,612	RSALE	TOTAL	159,612	104,504	4,440	34,675	8,786	2,951	2,991	1,256
928-0000 Reg Commission Exp.	-	LABOR_M	TOTAL	-	-	-	-	-	-	-	-
928 Duplicate Charges	846,848	LABOR_M	TOTAL	846,848	546,355	27,048	195,197	53,884	1,647	19,507	5,210
930-1 Gen. Advertising Exp.	816,207	LABOR_M	TOTAL	816,207	525,346	28,008	187,891	61,812	1,584	18,757	5,010
930-2000 Misc. General Expenses	705,702	RB_GUP_EPS_D	TOTAL	705,702	422,611	20,616	191,428	50,504	4,950	13,584	6,109
930-2007 ABD Exp.	2,108,424	LABOR_M	TOTAL	2,108,424	1,367,072	67,184	484,842	133,841	4,092	48,462	12,941
931 Rent	2,568,478	LABOR_M	TOTAL	2,568,478	1,653,182	81,843	590,634	163,045	4,955	59,024	15,784
936 A&G- Labor Related	38,922,725	LABOR_M	TOTAL	38,922,725	25,013,273	1,237,186	8,986,088	2,477,340	76,906	890,376	241,466
Total	147,356,287		TOTAL	147,356,287	97,882,203	4,954,955	31,584,896	8,558,411	348,233	3,084,824	842,864
Total O&M Expense											
Depreciation & Amortization Expense											
Distribution	61,840,606	RB_GUP_EPS_D	TOTAL	61,840,606	31,044,855	1,514,454	14,082,202	3,739,425	33,045	987,854	448,770
General & Intangible	5,627,303	RB_GUP_EPS_G	TOTAL	5,627,303	3,621,973	178,311	1,294,026	397,217	10,922	129,317	34,538
Total Depreciation & Amort Expense	57,467,909		TOTAL	57,467,909	34,666,828	1,692,765	15,356,227	4,096,643	43,967	1,127,171	483,309
Taxes Other Than Income											
Payroll Taxes	2,733,705	LABOR_M	TOTAL	2,733,705	1,759,529	87,106	628,629	173,534	5,306	82,821	16,778
Commercial Activity Taxes	4,861,085	RSALE	TOTAL	4,861,085	3,051,781	128,646	1,012,587	286,888	86,176	87,349	36,678
Property Taxes	70,757,508	NP	TOTAL	70,757,508	42,505,583	2,074,916	19,071,570	5,078,088	48,954	1,372,988	605,088
Regulatory Fees	2,549,249	RSALE	TOTAL	2,549,249	1,669,065	70,906	553,808	140,487	47,131	47,773	20,060
Franchise Tax	1,987	RSALE	TOTAL	1,987	1,301	55	432	110	37	37	18
Miscellaneous Taxes	10,273	NP	TOTAL	10,273	6,171	301	2,789	737	7	189	88
Total Taxes Other Than Income	80,713,807		TOTAL	80,713,807	48,993,451	2,362,932	21,269,792	5,650,135	187,610	1,571,178	678,708
Total Operating Expense Before Income Tax	285,538,003		TOTAL	285,538,003	181,642,482	9,011,853	68,210,715	18,305,189	579,810	5,783,173	2,004,981
Gross Operating Income	74,540,747		TOTAL	74,540,747	51,963,082	1,351,798	12,154,408	1,563,246	5,756,997	944,012	807,205
Interest Expense Factor	2.716000000%			-	-	-	-	-	-	-	-
Interest Expense Synchronized	24,739,841		TOTAL	24,739,841	14,903,101	721,472	6,579,941	1,804,702	18,864	500,048	211,712

COLUMBUS SOUTHERN POWER COMPANY
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Label	Constant	Allocation		Function	Total Retail	RS	GS-1	Demand Metered			OL	SL
		Factor	Factor					SEC	PRI	SUB/TRAN		
Net Operating Income Before Income Tax	49,800,906			TOTAL	49,800,906	37,059,961	630,325	6,574,466	(241,456)	5,738,132	443,964	595,483
Schedule M Income Adjustments												
Labor Related	(5,756,531)	LABOR_M		TOTAL	(5,756,531)	(3,705,149)	(183,426)	(1,323,742)	(395,421)	(11,172)	(132,287)	(35,331)
Rate Base Related	(6,456,526)	RATEBASE		TOTAL	(6,456,526)	(3,850,666)	(188,346)	(1,717,744)	(471,131)	(4,925)	(130,541)	(55,269)
Distribution Related	(14,150,648)	RB_GUP_EPIS_D		TOTAL	(14,150,648)	(8,474,145)	(413,392)	(3,838,483)	(1,020,731)	(9,020)	(272,379)	(122,488)
General Plant Related	264,042	RB_GUP_EPIS_D		TOTAL	264,042	158,122	7,714	71,624	19,046	168	5,082	2,286
Total Schedule M Income Adjustments	(26,101,663)			TOTAL	(26,101,663)	(15,911,747)	(777,453)	(6,808,346)	(1,838,236)	(24,949)	(530,125)	(210,813)
State Tax Adjustments												
Illinois - Plant Related	8,496,330	RB_GUP		TOTAL	8,496,330	5,110,518	249,539	2,283,978	608,525	6,070	165,414	72,287
Kentucky - Plant Related	8,203,550	RB_GUP		TOTAL	8,203,550	4,934,412	240,940	2,205,273	587,555	5,861	159,714	69,795
Michigan - Plant Related	11,010,599	RB_GUP		TOTAL	11,010,599	6,622,844	323,364	2,859,662	786,602	7,866	214,364	93,678
Chgo - Plant Related	3,273,895	RB_GUP		TOTAL	3,273,895	1,969,236	96,156	880,086	234,463	2,339	63,739	27,854
West Virginia - Plant Related	-	RB_GUP		TOTAL	-	-	-	-	-	-	-	-
Illinois Taxable Income	32,195,573			TOTAL	32,195,573	26,258,756	102,411	1,050,098	(1,471,168)	5,719,253	79,253	456,967
Tax Factor (Tax Rate x Apportionment)	0.0245061%			TOTAL	7,890	6,435	25	257	(361)	1,402	19	112
Kentucky Taxable Income	31,902,793			TOTAL	31,902,793	26,082,651	83,612	971,993	(1,492,137)	5,719,044	73,553	454,476
Tax Factor (Tax Rate x Apportionment)	0.0131340%			TOTAL	4,190	3,426	12	128	(196)	751	10	60
Kentucky Tax	4,190			TOTAL	-	-	-	-	-	-	-	-
Michigan Taxable Income	34,709,842			TOTAL	34,709,842	27,771,063	176,266	1,725,982	(1,281,091)	5,721,050	128,203	478,358
Tax Factor (Tax Rate x Apportionment)	0.0301442%			TOTAL	10,463	8,371	53	520	(369)	1,725	39	144
Michigan Tax	10,463			TOTAL	-	-	-	-	-	-	-	-
Ohio Taxable Income	26,973,138			TOTAL	26,973,138	23,117,478	(50,973)	(353,783)	(1,845,210)	5,715,522	(22,422)	412,534
Tax Factor (Tax Rate x Apportionment)	0.8721198%			TOTAL	235,238	201,812	(445)	(3,086)	(16,092)	49,846	(196)	3,398
Ohio Tax	235,238			TOTAL	-	-	-	-	-	-	-	-
West Virginia Taxable Income	23,699,243			TOTAL	23,699,243	21,148,240	(147,128)	(1,233,879)	(2,079,663)	5,713,183	(86,161)	384,680
Tax Factor (Tax Rate x Apportionment)	0.0000510%			TOTAL	12	11	(0)	(1)	(1)	3	(0)	0
West Virginia Tax	12			TOTAL	-	-	-	-	-	-	-	-
Deferred SFT (410.1 & 411.1)	164,040	RB_GUP_EPIS_D		TOTAL	164,040	82,247	4,500	41,785	11,111	98	2,965	1,333
Total State Income Tax	411,833			TOTAL	411,833	312,102	4,146	39,604	(5,928)	53,825	2,837	5,247
Federal Taxable Income	23,441,449			TOTAL	23,441,449	20,828,395	(146,774)	(1,231,889)	(2,062,664)	5,659,457	(96,033)	380,768
Tax Factor (Tax Rate x Apportionment)	35.00%			TOTAL	8,204,507	7,324,935	(51,371)	(431,094)	(721,929)	1,980,810	(30,112)	133,268
Gross Current FIT	8,204,507			TOTAL	-	-	-	-	-	-	-	-
Deferred FIT	11,642,743	RB_GUP_EPIS_D		TOTAL	11,642,743	6,972,261	340,127	3,156,192	839,828	7,422	224,105	100,788
OFTT (410.1 & 411.1)				TOTAL	-	-	-	-	-	-	-	-
Deferred ITC	(216,160)	RB_GUP_EPIS_D		TOTAL	(216,160)	(129,448)	(6,315)	(58,635)	(15,592)	(138)	(4,161)	(1,871)
Investment Tax Credit (411.4 & 411.5)				TOTAL	-	-	-	-	-	-	-	-
Total Federal Income Tax	19,631,090			TOTAL	19,631,090	14,167,766	282,442	2,668,463	102,307	1,988,094	189,833	232,185
Total Income Tax	20,042,923			TOTAL	20,042,923	14,479,870	286,588	2,708,066	96,379	2,041,918	192,670	237,432

COLUMBUS SOUTHERN POWER COMPANY
CLASS COST-OF-SERVICE STUDY - SCHEDULE E-3.2
TWELVE MONTHS ENDING MAY 31, 2011

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: -Original_ Updated_ Revised_
Work Paper Reference No(s): WP A-1e-p and all Schedule E-3.2 Work Papers

Schedule E-3.2
Page 5 of 5
Witness Responsible:
Daniel E. High

Label	Constant	Allocation Factor	Function	Total Retail	RS	GS-1	Demand Metered				OL	SL
							SEC	PRI	SUB/TRAN			
Total Expenses	305,580,926		TOTAL	305,580,926	196,122,352	9,299,240	70,918,782	18,401,568	2,621,729	5,975,843	2,242,413	
Net Operating Income	54,497,824		TOTAL	54,497,824	37,483,212	1,065,210	9,446,341	1,486,867	3,715,079	761,342	569,773	
Current Rate of Return				5.98%	6.83%	4.01%	3.90%	2.21%	534.88%	4.08%	7.31%	
O&M Labor				-	-	-	-	-	-	-	-	
Distribution	37,461,502	EXP_OM_DIST	TOTAL	37,461,502	21,389,839	968,872	10,609,379	3,063,211	20,718	1,114,885	284,599	
Customer Accounts	12,867,401	EXP_OM_CUSTACCT	TOTAL	12,867,401	10,678,881	608,148	1,186,216	211,529	70,840	71,312	30,667	
Customer Services	1,711,935	EXP_OM_CUSTSERV	TOTAL	1,711,935	1,420,739	80,911	159,150	28,143	9,425	9,488	4,080	
Total	52,030,838		TOTAL	52,030,838	33,489,289	1,657,930	11,964,744	3,302,882	100,982	1,195,684	319,346	
Calculation of Proposed Revenues				-	-	-	-	-	-	-	-	
Proposed Operating Income (NOI + Inc. Deficit)	76,176,633	RATEBASE	TOTAL	76,176,633	45,888,251	2,221,491	20,280,347	5,556,871	58,086	1,539,703	651,883	
Proposed Rate of Return				8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	
Income Increase	21,678,808		TOTAL	21,678,808	8,405,039	1,156,261	10,814,006	4,090,004	(3,656,993)	788,361	82,111	
Gross Revenue Conversion Factor	1.585734			-	-	-	-	-	-	-	-	
Total Revenue Increase	33,943,254		TOTAL	33,943,254	13,160,058	1,810,428	16,931,860	6,403,860	(5,726,879)	1,234,363	128,564	
Less: Miscellaneous Service Charge Increases	2,179,696	MSC_SERV_REV	TOTAL	2,179,696	2,044,393	87,111	64,145	1,263	14	2,780	-	
Less: Pole Attachment Increases	1,218,600	RB_GUP_EPIS_D	TOTAL	1,218,600	729,761	36,600	330,566	87,901	777	23,456	10,549	
Proposed Sales Revenue Increase	30,544,958		TOTAL	30,544,958	10,386,913	1,707,718	16,537,160	6,314,696	(5,726,670)	1,208,127	118,015	
			PRODUCTION	-	-	-	-	-	-	-	-	
			BULKTRAN	-	-	-	-	-	-	-	-	
			SUBTRAN	-	-	-	-	-	-	-	-	
			DISTRN	207,369,481	113,002,603	3,956,317	64,926,891	24,799,362	0	387,099	295,410	
			DISTRSEC	78,868,738	54,489,498	2,350,538	21,527,988	-	-	280,726	209,989	
			ENERGY	-	-	-	-	-	-	-	-	
			CUSTOMER	84,168,364	65,413,506	4,851,841	3,914,981	244,817	556,796	6,899,317	2,287,006	
Total Proposed Sales Revenue	370,406,582		TOTAL	370,406,582	232,905,608	11,160,796	90,369,660	25,044,178	556,796	7,577,141	2,792,405	
% Increase	8.99%			8.99%	4.67%	18.07%	22.40%	33.72%	-91.14%	18.97%	4.41%	

COLLIERIES SOUTHERN POWER COMPANY
Case No. 11-061 AL-AP
Class and Schedule Revenue Summary
(Electric and Gas Utilities)

Date: 3 MOS Actual & 8 MOS Estimated
Type of Filing: p-Original Updated Revised
Witness Reference No(s):

Exhibit E-4
Page 1 of 2
Witness Responsible: T. Zelnik / A. Moore

Proposed Annualized									
Line No.	Rate Code	Class/ Descript.	Customer Bids	Sales MWh / MWh	Proposed Rate	Proposed Revenue Less or Fuel Cost	% of Revenues to Total Fuel Costs	Annualized Gas or Fuel Cost Revenue	Proposed Revenue Total
1	R-R	Residential Service	5,277,434	6,778,644,348	\$0.04286	\$226,304,187	47.76%	-	289,324,187
2	R-R-1	Residential Small User Load Management Service	2,218,108	988,553,361	\$0.02065	\$46,005,601	8.24%	-	86,005,601
3	R-LM	Residential Optional Demand Service	646	6,371,356	\$0.02592	\$165,172	0.00%	-	165,172
4	RS-ES	Residential Energy Storage	24	16,864	\$0.04668	\$642	0.00%	-	642
5	RS-TOD	Residential Time-of-Day	78	66,036	\$0.04718	\$3,089	0.00%	-	3,089
6	GS-1	General Service - Small Unmetered	814,616	344,008,606	\$0.04756	\$18,402,875	2.77%	-	16,402,875
7	GS-1 Unmetered	General Service - Small Unmetered	7,318	23,800,098	\$0.03171	\$757,852	0.13%	-	757,852
8	GS-2	General Service - Low Load Factor Secondary	290,032	1,735,888,110	\$0.03582	\$58,716,038	6.68%	-	58,716,038
9	GS-2	General Service - Low Load Factor Primary	877	80,774,436	\$0.03466	\$2,070,135	0.34%	-	2,070,135
10	GS-2-LMTOD	General Service - Load Management Time-of-Day	144	2,007,452	\$0.02714	\$54,480	0.01%	-	54,480
11	GS-2-TOD	General Service - Time-of-Day	1,418	11,627,866	\$0.02810	\$326,892	0.05%	-	326,892
12	GS-3	General Service - Medium Load Factor Secondary	65,506	4,746,679,264	\$0.02271	\$107,800,730	17.79%	-	107,800,730
13	GS-3	General Service - Medium Load Factor Primary	4,080	25,978,738,113	\$0.01901	\$49,028,742	8.09%	-	46,028,742
14	GS-3-LMTOD	General Service - Medium Load Factor Time of Day	12	5,757,654	\$0.02687	\$147,786	0.02%	-	147,786
15	GS-4	General Service - Large	405	4,043,150,234	\$0.00132	\$5,336,079	0.88%	-	5,336,079
16	IRP-0	Interruptible Power - Discretionary Substantiation	6	1,882,832	\$0.01008	\$16,055	0.00%	-	16,055
17	IRP-0	Interruptible Power - Discretionary Transmission	12	12,336,733	\$0.00332	\$40,628	0.01%	-	40,628
18	SL-OM	Street Lighting - Customer Owned	415	28,331,645	\$0.02080	\$5810,024	0.10%	-	610,024
19	SL	Street Lighting	2,139	13,300,298	\$0.22673	\$3,069,320	0.51%	-	3,069,320
20	AL	Private Area Lighting	-	84,893,506	\$0.18045	\$5,848,733	1.83%	-	5,848,733
21		Proposed Distribution Total Revenue	8,835,009	21,438,241,882	\$0.02707	\$589,724,038	68.80%	-	589,724,038
22	P/A	Pole Attachment				\$1,889,784	0.31%		1,889,784
23		Miscellaneous Sales Revenue				\$4,225,458	0.76%		4,225,458
24		Total Distribution Revenue				\$605,839,279	100.00%		605,839,279

Date Prepared: Feb 20, 2011

COLLINS SOUTHERN POWER COMPANY
Case No. 11-351 ELAIR
Clean and Sensitive Revenue Summary
(Electric and Gas Utilities)

Date: 3/20/2011 Actual & a MCA Estimate
Type of Filing: Original Updated Revised
Work Paper Reference M095:

Worksheet: E-4
Page 2 of 2
Witness Responsible: T. Zeitha / A. Moore

Current Forecast									
Line No.	Rate Code	Class Description	Customer Rate	Sales Rate / kWh	Most Current Rate	Current Annualized Revenue Less Cost or Fuel Cost	% of Revenue to Total	Increase or Decrease	% Increase or Decrease
1	R-R	Residential Service	5,627,434	6,778,644.350	\$0.04185	\$283,947,208	50.89%	\$3,378,980	1.89%
2	R-R-1	Residential Small User Load Management Service	2,278,709	688,823.981	\$0.04051	\$48,941,002	8.77%	\$7,083,868	14.53%
3	RLM	Residential Optional Demand Service	846	8,371,369	\$0.02224	\$141,808	0.03%	\$23,304	16.89%
4	RS-RS	Residential Emergency Storage	24	18,864	\$0.0032	\$948	0.00%	\$6	-0.72%
5	RS-TOD	Residential Time-of-Day	75	85,039	\$0.04066	\$2,645	0.00%	\$424	16.64%
6	GS-1	General Service - Small	614,676	244,605.860	\$0.04016	\$13,843,448	2.48%	\$2,599,427	18.49%
7	GS-1 Unmetered	General Service - Small Unmetered	7,318	23,803.002	\$0.02142	\$635,506	0.12%	\$102,346	15.81%
8	GS-2	General Service - Low Load Factor Secondary	280,322	1,735,008.176	\$0.02659	\$44,155,868	8.27%	\$12,960,750	27.21%
9	GS-2	General Service - Low Load Factor Primary	677	80,774,459	\$0.02873	\$1,624,368	0.29%	\$44,547	2.73%
10	GS-2/LMTOD	General Service - Load Management Time-of-Day	144	2,007,452	\$0.02268	\$46,554	0.01%	\$9,155	20.20%
11	GS-2-TOD	General Service - Time-of-Day	1,415	11,627,688	\$0.02480	\$288,481	0.05%	\$37,211	12.89%
12	GS-3	General Service - Medium Load Factor Secondary	65,508	4,146,570.584	\$0.02009	\$58,336,897	17.09%	\$12,481,028	13.07%
13	GS-3	General Service - Medium Load Factor Primary	4,869	2,575,730.113	\$0.01582	\$41,054,282	7.39%	\$7,875,450	19.43%
14	GS-3/LMTOD	General Service - Medium Load Factor Time of Day	12	5,757,054	\$0.01213	\$68,845	0.01%	\$7,7841	11.59%
15	GS-4	General Service - Large	485	4,643,150.234	\$0.00288	\$12,082,057	2.18%	\$81,728,878	-68.77%
16	IRP-D	Interruptible Power - Discretionary Subtransmission	8	1,562,432	\$0.00029	\$48,247	0.01%	\$32,181	-66.72%
17	IRP-D	Interruptible Power - Discretionary Transmission	12	12,338,733	\$0.00633	\$66,832	0.01%	\$24,304	-37.53%
18	RLCM	Street Lighting - Customer Owned	415	20,301,846	\$0.01820	\$853,818	0.16%	\$76,210	14.28%
19	SL	Street Lighting	2,129	13,380,289	\$0.16655	\$2,862,671	0.48%	\$416,449	15.71%
20	AL	Private Area Lighting	0	\$4,593,819	\$0.14205	\$7,759,089	1.39%	\$2,093,084	27.08%
21		Wholesale Distribution Net Revenue	8,835,000	21,435,241.562	\$0.02590	\$355,230,750	59.52%	\$44,483,280	0.01%
22	PA	Pole Attachment				\$481,183	0.12%	\$1,218,589	187.14%
23		Miscellaneous Sales Revenue				\$2,042,160	0.37%	\$2,178,068	106.69%
24		Total Distribution Revenue				\$677,422,965	100.00%	\$7,801,545	8.53%

Date Prepared: Feb 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.1a

Schedule E-4.1
Page 1 of 48
Witness Responsible: T. Zellina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Fuel Costs Revenue (H)	Proposed Total Revenue (I = F+H)
						Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)				
1	R-R	Residential Service								
2										
3		<u>Distribution Charges:</u>								
4		Customer Charge	5,627,434		\$8.40	\$47,270,446		18.34%		
5										
6		Energy Charge - Winter								
7		First 800 kWh per month		2,500,491.683	\$0.0214000	\$53,510,522				
8		All Excess kWh per month		1,586,334,371	\$0.0214000	\$33,947,556				
9		Total Energy Charge - Winter				\$87,458,078		30.23%		
10										
11		Energy Charge - Summer:								
12		First 800 kWh per month		1,535,578.135	\$0.0214000	\$32,661,372				
13		All Excess kWh per month		1,118,894,019	\$0.0214000	\$23,644,332				
14		Total Energy Charge - Summer				\$56,806,704		19.83%		
15										
16		Water Heating Energy Charge		37,346,141	\$0.0214000	\$799,207		0.28%		
17										
18		Universal Service Fund Rider								
19		First 833,000 kWh		6,778,644,349	\$0.0024312	\$16,480,240				
20		All Excess kWh		0	\$0.0001731	\$0				
21		Total Charge				\$16,480,240		5.70%		
22										
23		Advanced Energy Fund Rider	5,627,434		\$0.0000	\$0		0.00%		
24										
25		KWH Tax Rider								
26		First 2,000 kWh		6,136,824,712	\$0.00465	\$28,536,235				
27		Next 13,000 kWh		640,983,709	\$0.00419	\$2,685,722				
28		Excess kWh		835,928	\$0.00363	\$3,034				
29		Total Charge				\$31,224,961		10.79%		
30										
31		Monongahela Power Litigation Termination Rider		6,778,644,349	\$0.0001229	\$833,095		0.29%		
32										
33		Energy Efficiency and Peak Demand Rider		6,778,644,349	\$0.0028902	\$19,591,638		6.77%		
34										
35		Economic Development Cost Recovery Rider			9.63500%	\$18,531,326		6.41%		
36										
37		Enhanced Service Reliability Rider			4.58062%	\$8,810,064		3.05%		
38										
39		gndSMART Rider	5,627,434		0.27	\$1,519,407		0.53%		
40										
41		Total R-R	5,627,434	6,778,644,349		\$289,324,197		100.00%	0	\$289,324,197

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-361-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.1a

Schedule E-4.1
Page 2 of 46
Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M+K)	Total Revenue % Increase (O)
						Current Annualized Revenue Less Gas or Fuel Cost Revenue (K)					
1	R-R	Residential Service									
2											
3		<u>Distribution Charges</u>									
4		Customer Charge	5,627,434		\$4.52	\$25,436,002		8.96%	\$21,834,444	85.84%	85.84%
5											
6		Energy Charge - Winter									
7		First 800 kWh per month		2,500,491,683	\$0.0298899	\$74,739,448					
8		All Excess kWh per month		1,586,334,371	\$0.0057028	\$9,046,548					
9		Total Energy Charge - Winter				\$83,785,994		29.51%	\$3,672,064	4.38%	4.38%
10											
11		Energy Charge - Summer									
12		First 800 kWh per month		1,535,575,135	\$0.0298899	\$45,898,277					
13		All Excess kWh per month		1,118,894,019	\$0.0298899	\$33,443,630					
14		Total Energy Charge - Summer				\$79,341,907		27.94%	-\$22,536,203	-28.40%	-28.40%
15											
16		Water Heating Energy Charge		37,346,141	\$0.0003805	\$14,210		0.01%	\$784,987	5524.18%	5524.18%
17											
18		Universal Service Fund Rider									
19		First 833,000 kWh		6,778,644,349	\$0.0019994	\$13,563,222					
20		All Excess kWh		0	\$0.0001830	\$0					
21		Total Charge				\$13,563,222		4.77%	\$2,927,019	21.60%	21.60%
22											
23		Advanced Energy Fund Rider	5,627,434		\$0.0895	\$503,655		0.18%	-\$503,655	-100.00%	-100.00%
24											
25		KWH Tax Rider									
26		First 2,000 kWh		6,136,824,712	\$0.00465	\$28,536,235					
27		Next 13,000 kWh		640,983,709	\$0.00419	\$2,685,722					
28		Excess kWh		835,928	\$0.00363	\$3,034					
29		Total Charge				\$31,224,991		11.00%	\$0	0.00%	0.00%
30											
31		Monongahela Power Litigation Termination Rider		6,778,644,349	\$0.0001229	\$833,095		0.29%	\$0	0.00%	0.00%
32											
33		Energy Efficiency and Peak Demand Rider		6,778,644,349	\$0.0028415	\$19,281,518		6.78%	\$330,120	1.71%	1.71%
34											
35		Economic Development Cost Recovery Rider			10.52455%	\$19,846,998		6.99%	-\$1,315,671	-6.63%	-6.63%
36											
37		Enhanced Service Reliability Rider			2.82976%	\$5,336,308		1.88%	\$3,473,756	65.10%	65.10%
38											
39		gridSMART Rider			2.55030%	\$4,809,308		1.69%	-\$3,289,900	-68.41%	-68.41%
40											
41		Total R-R	5,627,434	6,778,644,349		\$283,947,208		100.00%	\$5,376,989	1.89%	1.89%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.1b

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	(I=F+H)
						Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)				
1	R-R-1	Residential Small Use Load Management Service								
2										
3		<u>Distribution Charges:</u>								
4		Customer Charge	2,218,108		\$8.40	\$18,832,107		33.27%		
5										
6		Energy Charge - Summer:								
7		First 700 kWh per month		235,269,047	\$0.0214000	\$5,034,758		8.99%		
8										
9		Energy Charge - Winter:								
10		First 700 kWh per month		584,306,088	\$0.0214000	\$12,504,150				
11		For the next 100 kWh per month		20,481,755	\$0.0214000	\$438,310				
12		All Excess kWh per month		140,025,233	\$0.0214000	\$2,998,540				
13		Total Energy Charge - Summer				\$15,939,000		28.46%		
14										
15		Water Heating Energy Charge (kWh)		8,441,238	\$0.0214000	\$180,642		0.32%		
16										
17		Universal Service Fund Rider								
18		First 833,000 kWh		988,523,361	\$0.0024312	\$2,403,298				
19		All Excess kWh		0	\$0.0001731	\$0				
20		Total Charge				\$2,403,298		4.29%		
21										
22		Advanced Energy Fund Rider	2,218,108		\$0.0000	\$0		0.00%		
23										
24		KWH Tax Rider								
25		First 2,000 kWh		957,912,088	\$0.00465	\$4,454,291				
26		Next 13,000 kWh		30,803,065	\$0.00419	\$128,227				
27		Excess kWh		8,228	\$0.00363	\$30				
28		Total Charge				\$4,582,548		8.18%		
29										
30		Monongahela Power Litigation Termination Rider		988,523,361	\$0.0001229	\$121,490		0.22%		
31										
32		Energy Efficiency and Peak Demand Rider		988,523,361	\$0.0028902	\$2,857,030		5.10%		
33										
34		Economic Development Cost Recovery Rider			9.63500%	\$3,833,430		6.84%		
35										
36		Enhanced Service Reliability Rider			4.58062%	\$1,822,469		3.25%		
37										
38		gridSMART Rider	2,218,108		0.27	\$598,889		1.07%		
39										
40		Total R-R-1	2,218,108	988,523,361		\$56,005,661		100.00%	0	\$ 56,005,661

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: >Original Updated Revised
Work Paper Reference No(s): WP E-4.1b

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M+K)	Total Revenue % Increase (O)
						Current Annualized Revenue Less Gas or Fuel Cost Revenue (K)					
1	R-R-1	Residential Small Use Load Management Service									
2											
3		<u>Distribution Charges:</u>									
4		Customer Charge	2,218,108		\$4.52	\$10,026,848		20.49%	\$8,606,259	85.84%	85.84%
5											
6		Energy Charge - Summer:									
7		First 700 kWh per month		235,269,047	\$0.0274267	\$6,452,654		13.18%	-\$1,417,896	-21.97%	-21.97%
8											
9		Energy Charge - Winter:									
10		First 700 kWh per month		584,306,088	\$0.0274267	\$16,025,588					
11		For the next 100 kWh per month		20,481,755	\$0.0274267	\$561,747					
12		All Excess kWh per month		140,025,233	\$0.0057028	\$798,536					
13		Total Energy Charge - Summer				\$17,385,871		35.52%	-\$1,446,871	-8.32%	-8.32%
14											
15		Water Heating Energy Charge (kWh)		8,441,238	\$0.0003806	\$3,212		0.01%	\$177,431	5524.18%	5524.18%
16											
17		Universal Service Fund Rider									
18		First \$23,000 kWh		988,523,361	\$0.0019994	\$1,976,464					
19		All Excess kWh		0	\$0.0001830	\$0					
20		Total Charge				\$1,976,464		4.04%	\$426,844	21.60%	21.60%
21											
22		Advanced Energy Fund Rider	2,218,108		\$0.0095	\$198,521		0.41%	-\$198,521	-100.00%	-100.00%
23											
24		KWH Tax Rider									
25		First 2,000 kWh		957,912,068	\$0.00465	\$4,454,291					
26		Next 13,000 kWh		30,603,065	\$0.00419	\$128,227					
27		Excess kWh		8,228	\$0.00363	\$30					
28		Total Charge				\$4,582,548		9.36%	\$0	0.00%	0.00%
29											
30		Monongahela Power Litigation Termination Rider		988,523,361	\$0.0001229	\$121,490		0.25%	\$0	0.00%	0.00%
31											
32		Energy Efficiency and Peak Demand Rider		988,523,361	\$0.0028415	\$2,808,889		5.74%	\$48,141	1.71%	1.71%
33											
34		Economic Development Cost Recovery Rider			10.52455%	\$3,564,411		7.28%	\$269,019	7.55%	7.55%
35											
36		Enhanced Service Reliability Rider			2.82976%	\$968,371		1.96%	\$864,097	90.16%	90.16%
37											
38		gridSMART Rider			2.55030%	\$863,725		1.76%	-\$264,836	-30.88%	-30.88%
39											
40		Total R-R-1	2,218,108	988,523,361		\$48,941,992		100.00%	\$7,063,668	14.43%	14.43%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-381-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s): WP E-4.1c

Schedule E-4.1
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Witness Responsible: T. Zellna / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)
						Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)				
1	RLM	Residential Optional Demand Service								
2										
3		<u>Distribution Charges:</u>								
4		Customer Charge	846		\$8.90	\$7,528		4.56%		
5										
6		Energy Charge - Winter:								
7		Demand Charge		22,341	3.71	\$82,885		50.18%		
8										
9		Storage Water Heater Energy Charge		3,687	\$0.0214000	\$79		0.05%		
10										
11		Universal Service Fund Rider								
12		First 833,000 kWh		8,371,359	\$0.0024312	\$15,490				
13		All Excess kWh		0	\$0.0001731	\$0				
14		Total Charge				\$15,490		9.38%		
15										
16		Advanced Energy Fund Rider	846		\$0.0000	\$0		0.00%		
17										
18		KWH Tax Rider								
19		First 2,000 kWh		1,617,037	\$0.00465	\$7,519				
20		Next 13,000 kWh		3,787,450	\$0.00419	\$15,869				
21		Excess kWh		966,872	\$0.00363	\$3,510				
22		Total Charge				\$26,898		16.29%		
23										
24		Monongahela Power Litigation Termination Rider		6,371,359	\$0.0001229	\$783		0.47%		
25										
26		Energy Efficiency and Peak Demand Rider		6,371,359	\$0.0028902	\$18,415		11.15%		
27										
28		Economic Development Cost Recovery Rider			9.63500%	\$5,719		5.28%		
29										
30		Enhanced Service Reliability Rider			4.58062%	\$4,145		2.51%		
31										
32		gridSMART Rider	846		0.27	\$228		0.14%		
33										
34		Total RLM	846	6,371,359		\$165,172		100.00%	0	\$165,172

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s): WP E-4.1c

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M+K)	Total Revenue % Increase (O)
						Current Annualized Revenue Less Gas or Fuel Cost Revenue (K)					
1	RLM	Residential Optional Demand Service									
2											
3		<u>Distribution Charges:</u>									
4		Customer Charge	846		\$7.13	\$6,032		4.26%	\$1,497	24.82%	24.82%
5											
6		Energy Charge - Winter:									
7		First 750 kWh		430,162	\$0.0320795	\$13,799					
8		Next 150 kWh in excess of 5 kW demand		1,710,732	\$0.0111224	\$19,028					
9		Excess kWh		2,030,550	\$0.0003805	\$773					
10		Total Energy Charge - Winter				\$33,600		23.72%	-\$33,600	-100.00%	-100.00%
11											
12		Energy Charge - Summer:									
13		First 750 kWh		206,781	\$0.0320795	\$6,633					
14		Next 150 kWh in excess of 5 kW demand		837,934	\$0.0297931	\$24,965					
15		Excess kWh		1,151,493	\$0.0003805	\$438					
16		Total Energy Charge - Summer				\$32,036		22.61%	-\$32,036	-100.00%	-100.00%
17											
18		Demand Charge		22,341	0	\$0		0.00%	\$82,885	100.00%	100.00%
19											
20		Storage Water Heater Energy Charge		3,687	\$0.0003805	\$1		0.00%	\$77	5524.18%	5524.18%
21											
22		Universal Service Fund Rider									
23		First 833,000 kWh		6,371,359	\$0.0019994	\$12,739					
24		All Excess kWh		0	\$0.0001830	\$0					
25		Total Charge				\$12,739		8.99%	\$2,751	21.60%	21.60%
26											
27		Advanced Energy Fund Rider	846		\$0.0895	\$76		0.05%	-\$76	-100.00%	-100.00%
28											
29		KWH Tax Rider									
30		First 2,000 kWh		1,617,037	\$0.00465	\$7,519					
31		Next 13,000 kWh		3,787,450	\$0.00419	\$15,869					
32		Excess kWh		966,872	\$0.00363	\$3,510					
33		Total Charge				\$26,898		18.99%	\$0	0.00%	0.00%
34											
35		Monongahela Power Litigation Termination Rider		6,371,359	\$0.0001229	\$783		0.55%	\$0	0.00%	0.00%
36											
37		Energy Efficiency and Peak Demand Rider		6,371,359	\$0.0028415	\$18,104		12.78%	\$310	1.71%	1.71%
38											
39		Economic Development Cost Recovery Rider			10.52455%	\$7,543		5.32%	\$1,176	15.59%	15.59%
40											
41		Enhanced Service Reliability Rider			2.82976%	\$2,028		1.43%	\$2,117	104.39%	104.39%
42											
43		gridSMART Rider			2.55030%	\$1,828		1.29%	-\$1,599	-87.50%	-87.50%
44											
45		Total RLM	846	6,371,359		\$141,668		100.00%	\$23,504	16.59%	16.59%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.1d

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)
						Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)				
1	RS-ES	Residential Energy Storage								
2										
3		<u>Distribution Charges:</u>								
4		Customer Charge	24		\$9.25	\$222		26.35%		
5										
6		Energy Charge:								
7		On-Peak		7,314	\$0.0214000	\$157				
8		Off-Peak		9,550	\$0.0214000	\$204				
9		Total Energy Charge				\$361		42.84%		
10										
11		Universal Service Fund Rider								
12		First 833,000 kWh		16,864	\$0.0024312	\$41				
13		All Excess kWh		0	\$0.0001731	\$0				
14		Total Charge				\$41		4.87%		
15										
16		Advanced Energy Fund Rider	24		\$0.0000	\$0		0.00%		
17										
18		KWH Tax Rider								
19		First 2,000 kWh		16,864	\$0.00465	\$78				
20		Next 13,000 kWh		0	\$0.00419	\$0				
21		Excess kWh		0	\$0.00363	\$0				
22		Total Charge				\$78		9.31%		
23										
24		Monongahela Power Litigation Termination Rider		16,864	\$0.0001229	\$2		0.25%		
25										
26		Energy Efficiency and Peak Demand Rider		16,864	\$0.0028902	\$49		5.79%		
27										
28		Economic Development Cost Recovery Rider			9.63500%	\$56		6.67%		
29										
30		Enhanced Service Reliability Rider			4.58082%	\$27		3.17%		
31										
32		gridSMART Rider	24		0.27	\$6		0.77%		
33										
34		Total RS-ES	24	16,864		\$842		100.00%	0	\$842

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference Note(s): WP E-4.1d

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M+K)	Total Revenue % Increase (Q)
						Current Annualized Revenue Less Gas or Fuel Cost Revenue (K)					
1	RS-ES	Residential Energy Storage									
2											
3		<u>Distribution Charges:</u>									
4		Customer Charge	24		\$7.13	\$171		20.17%	\$51	29.73%	29.73%
5											
6		Energy Charge:									
7		On-Peak		7,314	\$0.0568236	\$416					
8		Off-Peak		9,550	\$0.0003805	\$4					
9		Total Energy Charge				\$419		49.41%	-\$58	-13.92%	-13.92%
10											
11		Universal Service Fund Rider									
12		First 833,000 kWh		16,864	\$0.0019994	\$34					
13		All Excess kWh		0	\$0.0001830	\$0					
14		Total Charge				\$34		3.97%	\$7	21.60%	21.60%
15											
16		Advanced Energy Fund Rider	24		\$0.0895	\$2		0.25%	-\$2	-100.00%	-100.00%
17											
18		KWH Tax Rider:									
19		First 2,000 kWh		16,864	\$0.00465	\$78					
20		Next 13,000 kWh		0	\$0.00419	\$0					
21		Excess kWh		0	\$0.00363	\$0					
22		Total Charge				\$78		9.24%	\$0	0.00%	0.00%
23											
24		Monongahela Power Litigation Termination Rider		16,864	\$0.0001229	\$2		0.24%	\$0	0.00%	0.00%
25											
26		Energy Efficiency and Peak Demand Rider		16,864	\$0.0028415	\$48		5.65%	\$1	1.71%	1.71%
27											
28		Economic Development Cost Recovery Rider			10.52456%	\$62		7.32%	-\$6	-9.61%	-9.61%
29											
30		Enhanced Service Reliability Rider			2.82976%	\$17		1.97%	\$10	59.62%	59.62%
31											
32		gridSMART Rider			2.56030%	\$15		1.77%	-\$9	-56.96%	-56.96%
33											
34		Total RS-ES	24	16,864		\$549		100.00%	-\$6	-0.72%	-0.72%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.1e

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)
						Proposed Annualized Revenue	Less Gas or Fuel Cost Revenue (F)			
1	RS-TOD	Residential Time-of-Day								
2										
3		Distribution Charges:								
4		Customer Charge	76		\$9.25		\$703	22.91%		
5										
6		Energy Charge:								
7		On-Peak		20,738	\$0.0214000		\$444			
8		Off-Peak		44,301	\$0.0214000		\$948			
9		Total Energy Charge					\$1,392	45.35%		
10										
11		Universal Service Fund Rider								
12		First 833,000 kWh		65,039	\$0.0024312		\$158			
13		All Excess kWh		0	\$0.0001731		\$0			
14		Total Charge					\$158	5.15%		
15										
16		Advanced Energy Fund Rider	76		\$0.0000		\$0	0.00%		
17										
18		KWH Tax Rider								
19		First 2,000 kWh		63,202	\$0.00465		\$294			
20		Next 13,000 kWh		1,837	\$0.00419		\$8			
21		Excess kWh		0	\$0.00363		\$0			
22		Total Charge					\$302	9.89%		
23										
24		Monongahela Power Litigation Termination Rider		65,039	\$0.0001229		\$8	0.26%		
25										
26		Energy Efficiency and Peak Demand Rider		65,039	\$0.0028902		\$188	6.13%		
27										
28		Economic Development Cost Recovery Rider			9.63500%		\$202	6.58%		
29										
30		Enhanced Service Reliability Rider			4.58062%		\$96	3.13%		
31										
32		gridSMART Rider	76		0.27		\$21	0.67%		
33										
34		Total RS-TOD	76	65,039			\$3,069	100.00%	0	\$3,069

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s): WP E-4.1e

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (N=F-K)	% Increase in Revenue Less Fuel Cost (N=M+K)	Total Revenue % Increase (O)
						Current Annualized Revenue Less Gas or Fuel Cost Revenue (K)					
1	RS-TOD	Residential Time-of-Day									
2											
3		<u>Distribution Charges:</u>									
4		Customer Charge	76		\$7.13	\$542		20.49%	161	29.73%	29.73%
5											
6		Energy Charge:									
7		On-Peak		20,738	\$0.0566236	\$1,178					
8		Off-Peak		44,301	\$0.0003805	\$17					
9		Total Energy Charge				\$1,195		45.20%	197	16.45%	16.45%
10											
11		Universal Service Fund Rider									
12		First 833,000 kWh		65,039	\$0.0019994	\$130					
13		All Excess kWh		0	\$0.0001830	\$0					
14		Total Charge				\$130		4.92%	28	21.60%	21.60%
15											
16		Advanced Energy Fund Rider	76		\$0.0896	\$7		0.26%	(7)	-100.00%	-100.00%
17											
18		KWH Tax Rider									
19		First 2,000 kWh		63,202	\$0.00465	\$294					
20		Next 13,000 kWh		1,837	\$0.00419	\$8					
21		Excess kWh		0	\$0.00383	\$0					
22		Total Charge				\$302		11.40%	-	0.00%	0.00%
23											
24		Monongahela Power Litigation Termination Rider		65,039	\$0.0001229	\$8		0.30%	-	0.00%	0.00%
25											
26		Energy Efficiency and Peak Demand Rider		65,039	\$0.0028416	\$185		6.99%	3	1.71%	1.71%
27											
28		Economic Development Cost Recovery Rider			10.62455%	\$183		6.91%	19	10.40%	10.40%
29											
30		Enhanced Service Reliability Rider			2.82976%	\$49		1.86%	47	95.20%	95.20%
31											
32		gridSMART Rider			2.55030%	\$44		1.68%	(24)	-53.68%	-53.68%
33											
34		Total RS-TOD	76	65,039		\$2,645		100.00%	424	16.04%	16.04%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.1f

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (F=F+H)
						Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)				
1	GS-1	General Service - Small								
2										
3		<u>Distribution Charges:</u>								
4		Customer Charge	614,678		\$7.85	\$4,825,222		29.42%		
5										
6		Energy Charge:								
7		First 1,000 kWh		251,220,141	0.01747	\$4,388,816				
8		Excess kWh		93,685,755	0.01747	\$1,638,890				
9		Total Energy Charge				\$6,025,506		36.73%		
10										
11		Universal Service Fund Rider								
12		First 833,000 kWh		344,905,896	\$0.0024312	\$838,535				
13		All Excess kWh		0	\$0.0001731	\$0				
14		Total Charge				\$838,535		5.11%		
15										
16		Advanced Energy Fund Rider	614,678		\$0.0000	\$0		0.00%		
17										
18		KWH Tax Rider								
19		First 2,000 kWh		318,559,379	\$0.00465	\$1,472,001				
20		Next 13,000 kWh		28,091,349	\$0.00419	\$117,703				
21		Excess kWh		255,168	\$0.00363	\$926				
22		Total Charge				\$1,590,630		9.70%		
23										
24		Monongahela Power Litigation Termination Rider		344,905,896	\$0.0001229	\$42,389		0.26%		
25										
26		Energy Efficiency and Peak Demand Rider		344,905,896	\$0.0026773	\$923,417		5.63%		
27										
28		Economic Development Cost Recovery Rider			9.83500%	\$1,045,468		6.37%		
29										
30		Enhanced Service Reliability Rider			4.58082%	\$497,031		3.03%		
31										
32		gridSMART Rider	614,678		1.00	\$614,678		3.75%		
33										
34		Total GS-1	614,678	344,905,896		\$16,402,875		100.00%	0	\$16,402,875

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s): WP E-4.1f

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M+K)	Total Revenue % Increase (O)
						Current Annualized Revenue Less Gas or Fuel Cost Revenue (K)					
1	GS-1	General Service - Small									
2											
3		Distribution Charges:									
4		Customer Charge	614,678		\$6.47	\$3,976,967		28.73%	\$848,256	21.33%	21.33%
5											
6		Energy Charge:									
7		First 1,000 kWh		251,220,141	0.0147707	\$3,710,697					
8		Excess kWh		93,685,755	0.0147707	\$1,383,804					
9		Total Energy Charge				\$5,094,502		36.80%	\$931,004	18.27%	18.27%
10											
11		Universal Service Fund Rider									
12		First 833,000 kWh		344,905,896	\$0.0019994	\$689,805					
13		All Excess kWh		0	\$0.0001830	\$0					
14		Total Charge				\$689,805		4.96%	\$148,930	21.60%	21.60%
15											
16		Advanced Energy Fund Rider	614,678		\$0.0896	\$55,014		0.40%	-\$55,014	-100.00%	-100.00%
17											
18		KWH Tax Rider									
19		First 2,000 kWh		316,559,379	\$0.00465	\$1,472,001					
20		Next 13,000 kWh		28,091,349	\$0.00419	\$117,703					
21		Excess kWh		265,168	\$0.00363	\$926					
22		Total Charge				\$7,590,630		11.49%	\$0	0.00%	0.00%
23											
24		Monongahela Power Litigation Termination Rider		344,905,896	\$0.0001229	\$42,389		0.31%	\$0	0.00%	0.00%
25											
26		Energy Efficiency and Peak Demand Rider		344,905,896	\$0.0027589	\$951,561		6.87%	-\$28,144	-2.96%	-2.96%
27											
28		Economic Development Cost Recovery Rider			10.52455%	\$954,731		8.90%	\$90,736	9.50%	9.50%
29											
30		Enhanced Service Reliability Rider			2.82976%	\$256,701		1.85%	\$240,330	93.62%	93.62%
31											
32		gridSMART Rider			2.56030%	\$231,350		1.67%	\$383,328	166.69%	166.69%
33											
34		Total GS-1	614,678	344,905,896		\$13,843,448		100.00%	\$2,559,427	18.49%	18.49%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s): WP E-4.1g

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)
						Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)				
1	GS-1	General Service - Small								
2		Unmetered								
3										
4		<u>Distribution Charges:</u>								
5		Customer Charge	7,319		\$8.30	\$46,110		6.08%		
6										
7		Energy Charge (per kWh)		23,903,099	0.01747	\$417,587		55.10%		
8										
9		Universal Service Fund Rider								
10		First 833,000 kWh		23,903,099	\$0.0024312	\$58,113				
11		All Excess kWh		0	\$0.0001731	\$0				
12		Total Charge				\$58,113		7.67%		
13										
14		Advanced Energy Fund Rider	7,319		\$0.0000	\$0		0.00%		
15										
16		KWH Tax Rider								
17		First 2,000 kWh		6,033,529	\$0.00465	\$28,058				
18		Next 13,000 kWh		5,267,623	\$0.00419	\$22,071				
19		Excess kWh		12,601,947	\$0.00363	\$45,745				
20		Total Charge				\$95,872		12.85%		
21										
22		Monongahela Power Litigation Termination Rider		23,903,099	\$0.0001229	\$2,938		0.39%		
23										
24		Energy Efficiency and Peak Demand Rider		23,903,099	\$0.0026773	\$63,996		8.44%		
25										
26		Economic Development Cost Recovery Rider			9.63500%	\$44,877		5.90%		
27										
28		Enhanced Service Reliability Rider			4.58062%	\$21,240		2.80%		
29										
30		gridSMART Rider	7,319		\$ 1.00	\$7,319		0.97%		
31										
32		Total GS-1 Unmetered	7,319	23,903,099		\$757,852		100.00%	0	\$757,852

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-381-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.1g

Schedule E-4.1
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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M+K)	Total Revenue % Increase (O)
						Current Annualized Revenue Less Gas or Fuel Cost Revenue (K)					
1	GS-1	General Service - Small									
2		Unmetered									
3											
4		<u>Distribution Charges:</u>									
5		Customer Charge	7,319		\$3.90	\$28,544		4.35%	\$17,568	61.54%	61.54%
6											
7		Energy Charge (per kWh)		23,903,089	0.0147707	\$353,066		53.88%	\$64,522	18.27%	18.27%
8											
9		Universal Service Fund Rider									
10		First 633,000 kWh		23,903,089	\$0.0019894	\$47,792					
11		All Excess kWh		0	\$0.0001630	\$0					
12		Total Charge				\$47,792		7.25%	\$10,321	21.60%	21.60%
13											
14		Advanced Energy Fund Rider	7,319		\$0.0895	\$655		0.10%	-\$655	-100.00%	-100.00%
15											
16		KWH Tax Rider									
17		First 2,000 kWh		6,033,623	\$0.00466	\$28,056					
18		Next 13,000 kWh		5,267,623	\$0.00419	\$22,071					
19		Excess kWh		12,601,947	\$0.00363	\$45,745					
20		Total Charge				\$95,872		14.63%	\$0	0.00%	0.00%
21											
22		Monongahela Power Litigation Termination Rider		23,903,089	\$0.0001228	\$2,938		0.45%	\$0	0.00%	0.00%
23											
24		Energy Efficiency and Peak Demand Rider		23,903,089	\$0.0027589	\$65,946		10.06%	-\$1,950	-2.98%	-2.98%
25											
26		Economic Development Cost Recovery Rider			10.52455%	\$40,163		6.13%	\$4,514	11.24%	11.24%
27											
28		Enhanced Service Reliability Rider			2.82976%	\$10,799		1.65%	\$10,442	96.68%	96.68%
29											
30		gridSMART Rider			2.55030%	\$9,732		1.48%	-\$2,413	-24.80%	-24.80%
31											
32		Total GS-1 Unmetered	7,319	23,903,089		\$655,506		100.00%	\$102,346	15.61%	15.61%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s): WP E-4.1h

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)
						Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)				
1	GS-2	General Service - Low Load Factor								
2		Secondary Voltage								
3										
4		<u>Distribution Charges:</u>								
5		Customer Charge	282,134		\$12.85	\$3,625,422		6.17%		
6										
7		Demand Charge (per KW)		6,588,106	\$4.900	\$32,281,719		54.98%		
8		Off Peak Excess Demand Charge (per KW)		3,152	\$4.900	\$15,445		0.03%		
9		Energy Charge (per kWh)		1,730,241.729	\$0.0000000	\$0		0.00%		
10										
11		Minimum Customer	4,741		\$12.85	\$60,922		0.10%		
12										
13		Minimum Demand Charge (per KW)		117,529	\$4.900	\$575,882		0.98%		
14		Minimum Energy Charge (per kWh)		1,879,866	\$0.0000000	\$0		0.00%		
15										
16		Maximum Customer	3,647		\$12.85	\$46,884		0.08%		
17										
18		Maximum Demand Charge (per KW)		97,221	\$4.900	\$476,383		0.81%		
19		Maximum Energy Charge (per kWh)		3,876,521	\$0.000	\$0		0.00%		
20										
21		Universal Service Fund Rider								
22		First 833,000 kWh		1,686,000.175	\$0.0024312	\$4,099,004				
23		All Excess kWh		0	\$0.0001731	\$0				
24		Total Charge				\$4,099,004		6.98%		
25										
26		Advanced Energy Fund Rider	290,522		\$0.0000	\$0		0.00%		
27										
28		KWH Tax Rider								
29		First 2,000 kWh		494,557.092	\$0.00465	\$2,299,890				
30		Next 13,000 kWh		960,677.647	\$0.00419	\$3,983,339				
31		Excess kWh		228,310.060	\$0.00363	\$828,768				
32		Total Charge				\$7,111,795		12.11%		
33										
34		Monongahela Power Litigation Termination Rider		1,735,998,116	\$0.0001229	\$213,354		0.36%		
35										
36		Energy Efficiency and Peak Demand Rider		1,735,998,116	\$0.0026773	\$4,647,788		7.92%		
37										
38		Economic Development Cost Recovery Rider			9.63500%	\$3,572,913		6.09%		
39										
40		Enhanced Service Reliability Rider			4.58062%	\$1,698,615		2.89%		
41										
42		gridSMART Rider	290,522		\$ 1.00	\$290,522		0.49%		
43										
44		Total GS-2 Secondary Voltage	290,522	1,735,998,116		\$58,716,638		100.00%	0	\$58,716,638

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-361-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s): WP E-4.1h

Schedule E-4.1
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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-J-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M+K)	Total Revenue % Increase (O)
						Current Annualized Revenue	Less Gas or Fuel Cost Revenue (K)				
1	GS-2	General Service - Low Load Factor									
2		Secondary Voltage									
3											
4		<u>Distribution Charges:</u>									
5		Customer Charge	282,134		\$9.04	\$2,550,491		5.53%	\$1,074,931	42.15%	42.15%
6											
7		Demand Charge (per KW)		6,384,403	\$3.619	\$22,486,714		48.68%	\$9,816,005	43.69%	43.69%
8		Energy Charge (per kWh)		1,730,241,729	\$0.0003805	\$658,357		1.43%	-\$658,357	-100.00%	-100.00%
9											
10		Minimum Customer	4,741		\$9.04	\$42,859		0.09%	\$18,063	42.15%	42.15%
11											
12		Minimum Demand Charge (per KW)		117,529	\$3.519	\$413,585		0.90%	\$162,308	39.24%	39.24%
13		Minimum Energy Charge (per kWh)		1,879,886	\$0.0000000	\$0		0.00%	\$0	0.00%	0.00%
14											
15		Maximum Customer	3,647		\$9.04	\$32,969		0.07%	\$13,895	42.15%	42.15%
16											
17		Maximum Demand Charge (per KW)		97,221	\$0.000	\$0		0.00%	\$476,383	100.00%	100.00%
18		Maximum Energy Charge (per kWh)		3,878,521	\$0.0707515	\$274,270		0.59%	-\$274,270	-100.00%	-100.00%
19											
20		Universal Service Fund Rider									
21		First 833,000 kWh		1,686,000,175	\$0.0019994	\$3,370,989					
22		All Excess kWh		0	\$0.0001830	\$0					
23		Total Charge				\$3,370,989		7.30%	\$728,015	21.60%	21.60%
24											
25		Advanced Energy Fund Rider	290,522		\$0.0895	\$26,002		0.06%	-\$26,002	-100.00%	-100.00%
26											
27		KWH Tax Rider									
28		First 2,000 kWh		494,557,092	\$0.00465	\$2,299,690					
29		Next 13,000 kWh		950,677,647	\$0.00419	\$3,983,339					
30		Excess kWh		228,310,060	\$0.00363	\$828,766					
31		Total Charge				\$7,111,795		15.41%	\$0	0.00%	0.00%
32											
33		Monongahela Power Litigation Termination Rider		1,735,998,116	\$0.0001229	\$213,354		0.46%	\$0	0.00%	0.00%
34											
35		Energy Efficiency and Peak Demand Rider		1,735,998,116	\$0.0027689	\$4,789,445		10.38%	-\$141,657	-2.96%	-2.96%
36											
37		Economic Development Cost Recovery Rider			10.52455%	\$2,782,611		6.03%	\$790,302	28.40%	28.40%
38											
39		Enhanced Service Reliability Rider			2.82976%	\$748,167		1.62%	\$950,448	127.04%	127.04%
40											
41		grdSMART Rider			2.55030%	\$674,280		1.46%	-\$383,758	-56.91%	-56.91%
42											
43		Total GS-2 Secondary Voltage	290,522	1,735,998,116		\$46,155,868		100.00%	\$12,560,750	27.21%	27.21%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s): WP E-4.1

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)
						Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)				
1	GS-2	General Service - Low Load Factor								
2		Primary Voltage								
3										
4		<u>Distribution Charges:</u>								
5		Customer Charge	936		\$52.60	\$49,234		2.38%		
6										
7		Demand Charge (per KW)		319,975	\$3.810	\$1,219,105		58.89%		
7		Off Peak Excess Demand Charge (per kW)		1,125	\$3.810	\$4,286		0.21%		
8		Energy Charge (per kWh)		60,284,636	\$0.0000000	\$0		0.00%		
9										
10		Minimum Customer	16		\$52.60	\$842		0.04%		
11										
12		Minimum Demand Charge (per KW)		8,537	\$3.810	\$32,526		1.57%		
13		Minimum Energy Charge (per kWh)		159,423	\$0.0000000	\$0		0.00%		
14										
15		Maximum Customer	25		\$52.60	\$1,315		0.06%		
16										
17		Maximum Demand Charge (per KW)		11,515	\$3.810	\$43,872		2.12%		
18		Maximum Energy Charge (per kWh)		330,400	\$0.0000000	\$0		0.00%		
19										
20		Universal Service Fund Rider								
21		First 833,000 kWh		54,139,275	\$0.0024312	\$131,623				
22		All Excess kWh		6,635,183	\$0.0001731	\$1,149				
23		Total Charge				\$132,772		6.41%		
24										
25		Advanced Energy Fund Rider	977		\$0.0000	\$0		0.00%		
26										
27		KWH Tax Rider								
28		First 2,000 kWh		1,745,073	\$0.00465	\$8,115				
29		Next 13,000 kWh		9,221,420	\$0.00419	\$38,638				
30		Excess kWh		48,538,551	\$0.00363	\$176,195				
31		Total Charge				\$222,947		10.77%		
32										
33		Monongahela Power Litigation Termination Rider		60,774,459	\$0.0001229	\$7,489		0.36%		
34										
35		Energy Efficiency and Peak Demand Rider		60,774,459	\$0.0026773	\$162,711		7.86%		
36										
37		Economic Development Cost Recovery Rider			9.63500%	\$130,186		6.29%		
38										
39		Enhanced Service Reliability Rider			4.58062%	\$61,892		2.99%		
40										
41		gridSMART Rider	977		\$ 1.00	\$977		0.05%		
42										
43		Total GS-2 Primary Voltage	977	60,774,459		\$2,070,135		100.00%	0	\$2,070,135

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.1i

Schedule E-4.1
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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Loss Gas or Fuel Costs (M=F-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M+K)	Total Revenue % Increase (O)
						Current Annualized Revenue	Less Gas or Fuel Cost Revenue (K)				
1	GS-2	General Service - Low Load Factor									
2		Primary Voltage									
3											
4		<u>Distribution Charges:</u>									
5		Customer Charge	936		\$115.29	\$107,911		6.64%	-\$58,678	-54.38%	-54.38%
6											
7		Demand Charge (per KW)		304,785	\$2.588	\$788,784		48.55%	\$430,321	54.56%	54.56%
8		Energy Charge (per kWh)		60,284,636	\$0.0003805	\$22,938		1.41%	-\$22,938	-100.00%	-100.00%
9											
10		Minimum Customer	16		\$115.29	\$1,845		0.11%	-\$1,003	-54.38%	-54.38%
11											
12		Minimum Demand Charge (per KW)		8,537	\$2.588	\$22,094		1.36%	\$10,432	47.22%	47.22%
13		Minimum Energy Charge (per kWh)		159,423	0	\$0		0.00%	\$0	0.00%	0.00%
14											
15		Maximum Customer	25		\$115.29	\$2,882		0.18%	-\$1,567	-54.38%	-54.38%
16											
17		Maximum Demand Charge (per KW)		11,515	\$0.000	\$0		0.00%	\$43,872	100.00%	100.00%
18		Maximum Energy Charge (per kWh)		330,400	\$0.0521457	\$17,229		1.06%	-\$17,229	-100.00%	-100.00%
19											
20		Universal Service Fund Rider									
21		First 833,000 kWh		54,139,275	\$0.0019994	\$108,246					
22		All Excess kWh		6,635,183	\$0.0001830	\$1,214					
23		Total Charge				\$109,460		6.74%	\$23,312	21.30%	21.30%
24											
25		Advanced Energy Fund Rider	977		\$0.0895	\$87		0.01%	-\$87	-100.00%	-100.00%
26											
27		KWH Tax Rider									
28		First 2,000 kWh		1,745,073	\$0.00465	\$8,115					
29		Next 13,000 kWh		9,221,420	\$0.00419	\$38,638					
30		Excess kWh		48,538,551	\$0.00363	\$176,195					
31		Total Charge				\$222,947		13.72%	\$0	0.00%	0.00%
32											
33		Monongahela Power Litigation Termination Rider		60,774,459	\$0.0001229	\$7,469		0.46%	\$0	0.00%	0.00%
34											
35		Energy Efficiency and Peak Demand Rider		60,774,459	\$0.0027589	\$167,671		10.32%	-\$4,959	-2.98%	-2.98%
36											
37		Economic Development Cost Recovery Rider			10.52455%	\$101,423		6.24%	\$28,763	28.36%	28.36%
38											
39		Enhanced Service Reliability Rider			2.82976%	\$27,270		1.68%	\$34,622	126.98%	126.98%
40											
41		gridSMART Rider			2.55030%	\$24,577		1.51%	-\$23,600	-96.02%	-96.02%
42											
43		Total GS-2 Primary Voltage	977	60,774,459		\$1,624,589		100.00%	\$445,547	27.43%	27.43%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.1]

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)
						Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)				
1	GS-2-LMTOD General Service- Low Load Factor - Load Management Time-of-Day									
2										
3	Customer Charge		144		\$12.85	\$1,850		3.40%		
4										
5	Total Energy Charge:									
6	On-Peak kWh			672,661	\$0.0146800	\$9,875				
7	Off-Peak kWh			1,334,791	\$0.0146800	\$19,595				
8	Total Energy Charge:					\$29,469		54.08%		
9										
10	Universal Service Fund Rider									
11	First 833,000 kWh			2,007,452	\$0.0024312	\$4,881				
12	All Excess kWh			0	\$0.0001731	\$0				
13	Total Charge					\$4,881		8.96%		
14										
15	Advanced Energy Fund Rider		144		\$0.0000	\$0		0.00%		
16										
17	KWH Tax Rider									
18	First 2,000 kWh			258,426	\$0.00465	\$1,202				
19	Next 13,000 kWh			930,363	\$0.00419	\$3,896				
20	Excess kWh			818,663	\$0.00363	\$2,972				
21	Total Charge					\$6,072		14.81%		
22										
23	Monongahela Power Litigation Termination Rider			2,007,452	\$0.0001229	\$247		0.45%		
24										
25	Energy Efficiency and Peak Demand Rider			2,007,452	\$0.0026773	\$5,375		9.86%		
26										
27	Economic Development Cost Recovery Rider				9.93500%	\$3,018		5.54%		
28										
29	Enhanced Service Reliability Rider				4.58062%	\$1,435		2.63%		
30										
31	gridSMART Rider		144		\$ 1.00	\$144		0.26%		
32										
33	Total GS-2-LMTOD		144	2,007,452		\$54,490		100.00%	0	\$54,490

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s): E-1, WP E-4.1j

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (N=F-K)	% Increase in Revenue Less Fuel Cost (N=M-K)	Total Revenue % Increase (O)
						Current Annualized Revenue Less Gas or Fuel Cost (K)	Revenue (M)				
1	GS-2-LMTOD	General Service- Low Load Factor - Load Management Time-of-Day									
2											
3	Customer Charge		144		\$28.63	\$4,123		9.09%	-\$2,272	-56.12%	-65.12%
4											
5	Total Energy Charge:										
6	On-Peak kWh			672,661	\$0.0283254	\$19,053					
7	Off-Peak kWh			1,334,791	\$0.0003806	\$508					
8	Total Energy Charge:					\$19,561		43.15%	\$8,908	50.65%	50.65%
9											
10	Universal Service Fund Rider										
11	First 833,000 kWh			2,007,452	\$0.0019994	\$4,014					
12	All Excess kWh			0	\$0.0001830	\$0					
13	Total Charge					\$4,014		8.85%	\$867	21.60%	21.60%
14											
15	Advanced Energy Fund Rider		144		\$0.0895	\$13		0.03%	-\$13	-100.00%	-100.00%
16											
17	KWH Tax Rider										
18	First 2,000 kWh			258,426	\$0.00465	\$1,202					
19	Next 13,000 kWh			930,363	\$0.00419	\$3,898					
20	Excess kWh			818,663	\$0.00363	\$2,972					
21	Total Charge					\$6,072		17.80%	\$0	0.00%	0.00%
22											
23	Monongahela Power Litigation Termination Rider			2,007,452	\$0.0001229	\$247		0.54%	\$0	0.00%	0.00%
24											
25	Energy Efficiency and Peak Demand Rider			2,007,452	\$0.0027589	\$5,538		12.22%	-\$164	-2.96%	-2.96%
26											
27	Economic Development Cost Recovery Rider				10.52465%	\$2,493		5.60%	\$626	21.08%	21.08%
28											
29	Enhanced Service Reliability Rider				2.82978%	\$670		1.48%	\$754	114.06%	114.06%
30											
31	gridSMART Rider				2.56030%	\$604		1.33%	-\$460	-76.16%	-76.16%
32											
33	Total GS-2-LMTOD		144	2,007,452		\$45,334		100.00%	\$9,155	20.20%	20.20%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.1k

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Witness Responsible: T. Zelina / A. Moore

						Test Year Proposed				
Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)	% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)	
1	GS-2-TOD	Small General Service Time-of-Day								
2										
3	Customer Charge		1,415		\$12.85	\$18,183	5.57%			
4										
5	Total Energy Charge:									
6	On-Peak kWh			4,069,128	\$0.0146800	\$59,735				
7	Off-Peak kWh			7,558,738	\$0.0146800	\$110,962				
8	Total Energy Charge:					\$170,697	52.25%			
9										
10	Universal Service Fund Rider									
11	First 833,000 kWh			11,627,866	\$0.0024312	\$28,270				
12	All Excess kWh			0	\$0.0001731	\$0				
13	Total Charge					\$28,270	8.65%			
14										
15	Advanced Energy Fund Rider		1,415		\$0.0000	\$0	0.00%			
16										
17	KWH Tax Rider									
18	First 2,000 kWh			2,674,936	\$0.00465	\$12,438				
19	Next 13,000 kWh			6,748,930	\$0.00419	\$28,278				
20	Excess kWh			2,204,000	\$0.00363	\$8,001				
21	Total Charge					\$48,717	14.81%			
22										
23	Monongahela Power Litigation Termination Rider			11,627,866	\$0.0001229	\$1,429	0.44%			
24										
25	Energy Efficiency and Peak Demand Rider			11,627,866	\$0.0026773	\$31,131	9.53%			
26										
27	Economic Development Cost Recovery Rider				9.63500%	\$18,199	5.57%			
28										
29	Enhanced Service Reliability Rider				4.58082%	\$8,852	2.65%			
30										
31	gridSMART Rider		1,415		\$ 1.00	\$1,415	0.43%			
32										
33	Total GS-2-TOD		1,415	11,627,866		\$326,692	100.00%	0	\$326,692	

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Date: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.1k

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M-K)	Total Revenue % Increase (O)
						Current Annualized Revenue	Less Gas or Fuel Cost Revenue (K)				
1	GS-2-TOD	Small General Service Time-of-Day									
2											
3	Customer Charge		1,415		\$28.83	\$40,511		13.99%	-\$22,329	-55.12%	-55.12%
4											
5	Total Energy Charge:										
6	On-Peak kWh			4,068,128	\$0.0283254	\$115,260					
7	Off-Peak kWh			7,558,738	\$0.0003806	\$2,876					
8	Total Energy Charge:					\$118,136		40.81%	\$52,501	44.49%	44.49%
9											
10	Universal Service Fund Rider										
11	First 833,000 kWh			11,627,866	\$0.0019694	\$23,249					
12	All Excess kWh			0	\$0.0001830	\$0					
13	Total Charge					\$23,249		8.03%	\$5,021	21.60%	21.60%
14											
15	Advanced Energy Fund Rider		1,415		\$0.0895	\$127		0.04%	-\$127	-100.00%	-100.00%
16											
17	KWH Tax Rider										
18	First 2,000 kWh			2,674,936	\$0.00465	\$12,436					
19	Next 13,000 kWh			6,748,930	\$0.00419	\$28,276					
20	Excess kWh			2,204,000	\$0.00363	\$8,001					
21	Total Charge					\$48,717		18.83%	\$0	0.00%	0.00%
22											
23	Monongahela Power Litigation Termination Rider			11,627,866	\$0.0001229	\$1,429		0.49%	\$0	0.00%	0.00%
24											
25	Energy Efficiency and Peak Demand Rider			11,627,866	\$0.0027689	\$32,080		11.08%	-\$949	-2.96%	-2.96%
26											
27	Economic Development Cost Recovery Rider				10.52455%	\$18,897		5.77%	\$1,502	8.98%	8.98%
28											
29	Enhanced Service Reliability Rider				2.82976%	\$4,489		1.55%	\$4,163	92.72%	92.72%
30											
31	gridSMART Rider				2.55030%	\$4,046		1.40%	-\$2,631	-65.03%	-65.03%
32											
33	Total GS-2-TOD		1,415	11,627,866		\$269,481		100.00%	\$37,211	12.85%	12.85%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-361-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Date: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.11

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Witness Responsible: T. Zalina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)
						Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)				
1	GS-3	General Service - Medium Load Factor (Proposed GS-2)								
2	Secondary Voltage									
3										
4	Customer Charge		64,263		\$12.85	\$825,780		0.77%		
5										
6	Demand Charge (per KW)			11,215,168	\$4.900	\$54,954,323		50.98%		
7	Off Peak Excess Demand Charge (per kW)			37,942	\$4.900	\$185,916		0.17%		
8	Excess KVA Charge (per KVA)			219,841	\$2.040	\$448,476		0.42%		
9	Energy Charge (per kWh)			4,737,728,228	\$0.0000000	\$0		0.00%		
10										
11	Minimum Customer		1,234		\$12.85	\$15,857		0.01%		
12										
13	Minimum Energy			8,708,340	\$0.0000000	\$0		0.00%		
14	Minimum Demand			98,979	\$4.900	\$484,997		0.45%		
15										
16	Maximum Customer		12		\$12.85	\$154		0.00%		
17										
18	Maximum Energy			133,716	\$0.0000000	\$0		0.00%		
19	Maximum Demand			900	\$4.900	\$4,410		0.00%		
20										
21	Alternate Feed Service					\$431,934		0.40%		
22										
23	Universal Service Fund Rider									
24	First 833,000 kWh			4,595,424,883	\$0.0024312	\$11,172,397				
25	All Excess kWh			151,250,981	\$0.0001731	\$26,182				
26	Total Charge					\$11,198,579		10.39%		
27										
28	Advanced Energy Fund Rider		65,509		\$0.0000	\$0		0.00%		
29										
30	KWH Tax Rider									
31	First 2,000 kWh			130,994,298	\$0.00465	\$809,123				
32	Next 13,000 kWh			828,469,674	\$0.00419	\$3,471,288				
33	Excess kWh			3,783,036,580	\$0.00363	\$13,659,823				
34	Total Charge					\$17,740,234		16.46%		
35										
36	Monongahela Power Litigation Termination Rider			4,746,675,864	\$0.0001229	\$583,366		0.54%		
37										
38	Energy Efficiency and Peak Demand Rider			4,746,675,864	\$0.0026773	\$12,708,275		11.79%		
39										
40	Economic Development Cost Recovery Rider				9.63500%	\$5,525,850		5.13%		
41										
42	Enhanced Service Reliability Rider				4.58062%	\$2,627,070		2.44%		
43										
44	gridSMART Rider		65,509		\$ 1.00	\$65,509		0.06%		
45										
46	Total GS-3 Secondary Voltage		65,509	4,746,570,284		\$107,800,730		100.00%	0	\$107,800,730

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.11

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M+K)	Total Revenue % Increase (O)
						Current Annualized Revenue	Less Gas or Fuel Cost Revenue (K)				
1	GS-3	General Service - Medium Load Factor									
2		Secondary Voltage									
3											
4		Customer Charge	64,263		\$119.04	\$7,649,868		8.02%	-\$8,824,068	-89.21%	-89.21%
5											
6		Demand Charge (per KW)		11,167,360	\$3.291	\$36,751,648		38.55%	\$18,202,476	49.53%	49.53%
7		Excess KVA Charge (per KVA)		219,841	\$0.853	\$189,723		0.20%	\$268,763	136.38%	136.38%
8		Energy Charge (per kWh)		4,737,728,228	\$0.0003805	\$1,802,706		1.89%	-\$1,802,706	-100.00%	-100.00%
9											
10		Minimum Customer	1,234		\$119.04	\$146,895		0.15%	-\$131,038	-89.21%	-89.21%
11											
12		Minimum Energy		8,708,340	0	\$0		0.00%	\$0	0.00%	0.00%
13		Minimum Demand		98,979	\$3.291	\$325,740		0.34%	\$159,257	48.89%	48.89%
14											
15		Maximum Customer	12		\$119.04	\$1,428		0.00%	-\$1,274	-89.21%	-89.21%
16											
17		Maximum Energy		133,716	\$0.0662047	\$8,853		0.01%	-\$8,853	-100.00%	-100.00%
18		Maximum Demand		900	\$0.000	\$0		0.00%	\$4,410	100.00%	100.00%
19											
20		Alternate Feed Service				\$315,936		0.33%	\$115,998	36.72%	36.72%
21											
22		Universal Service Fund Rider									
23		First 833,000 kWh		4,596,424,883	\$0.0019994	\$9,188,093					
24		All Excess kWh		151,250,981	\$0.0001830	\$27,679					
25		Total Charge				\$9,215,771		9.67%	\$1,982,807	21.52%	21.52%
26											
27		Advanced Energy Fund Rider	65,509		\$0.0895	\$5,863		0.01%	-\$5,863	-100.00%	-100.00%
28											
29		KWH Tax Rider									
30		First 2,000 kWh		130,994,298	\$0.00465	\$609,123					
31		Next 13,000 kWh		828,469,674	\$0.00419	\$3,471,288					
32		Excess kWh		3,763,036,580	\$0.00363	\$13,659,823					
33		Total Charge				\$17,740,234		18.61%	\$0	0.00%	0.00%
34											
35		Monongahela Power Litigation Termination Rider		4,746,675,864	\$0.0001229	\$583,366		0.61%	\$0	0.00%	0.00%
36											
37		Energy Efficiency and Peak Demand Rider		4,746,675,864	\$0.0027589	\$13,095,604		13.74%	-\$387,329	-2.96%	-2.96%
38											
39		Economic Development Cost Recovery Rider			10.52455%	\$4,966,850		5.21%	\$559,000	11.25%	11.25%
40											
41		Enhanced Service Reliability Rider			2.82976%	\$1,335,449		1.40%	\$1,291,622	96.72%	96.72%
42											
43		gridSMART Rider			2.55030%	\$1,203,563		1.26%	-\$1,138,054	-94.56%	-94.56%
44											
45		Total GS-3 Secondary Voltage	65,609	4,746,570,284		\$95,339,697		100.00%	\$12,461,033	13.07%	13.07%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WVP E-4.1m

Schedule E-4.1
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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)
						Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)				
1	GS-3	General Service - Medium Load Factor (Proposed GS-2)								
2		Primary Voltage								
3										
4	Customer Charge		4,894		\$52.80	\$257,424		0.53%		
5										
6	Demand Charge (per KW)			5,079,333	\$3.810	\$19,352,259		39.47%		
7	Off Peak Excess Demand Charge (per kW)			124,836	\$3.810	\$475,825		0.97%		
8	Off Peak Excess KVA Charge (per KVA)			337,930	\$2.040	\$689,377		1.41%		
9	Energy Charge (per kWh)			2,574,482,026	\$0.0000000	\$0		0.00%		
10										
11	Minimum Customer		74		\$52.80	\$3,892		0.01%		
12										
13	Minimum Demand Charge (per kW)			67,350	\$3.810	\$256,804		0.52%		
14	Minimum Off Peak Excess KVA Charge (per KVA)			4,100	\$2.040	\$8,364		0.02%		
15	Minimum Energy Charge (per kWh)			4,225,311	\$0.000	\$0		0.00%		
16										
17	Maximum Customer		1		\$52.60	\$53		0.00%		
18										
19	Maximum Demand Charge (per kW)			231	\$3.810	\$880		0.00%		
20	Maximum Off Peak Excess KVA Charge (per KVA)			184	\$2.040	\$375		0.00%		
21	Maximum Energy Charge (per kWh)			30,776	\$0.000	\$0		0.00%		
22										
23	Alternate Feed Service					\$3,496,821		7.13%		
24										
25	Universal Service Fund Rider									
26	First 833,000 kWh			1,738,134,368	\$0.0024312	\$4,225,752				
27	All Excess kWh			839,510,505	\$0.0001731	\$145,319				
28	Total Charge					\$4,371,072		8.92%		
29										
30	Advanced Energy Fund Rider		4,969		\$0.0000	\$0		0.00%		
31										
32	KWH Tax Rider									
33	First 2,000 kWh			10,453,456	\$0.00465	\$48,609				
34	Next 13,000 kWh			67,573,345	\$0.00419	\$283,132				
35	Excess kWh			2,499,618,067	\$0.00363	\$9,073,614				
36	Total Charge					\$9,405,354		19.18%		
37										
38	Monongahela Power Litigation Termination Rider			2,577,644,888	\$0.0001229	\$316,793		0.65%		
39										
40	Energy Efficiency and Peak Demand Rider			2,577,644,888	\$0.0026773	\$6,901,129		14.08%		
41										
42	Economic Development Cost Recovery Rider				9.63500%	\$2,364,590		4.82%		
43										
44	Enhanced Service Reliability Rider				4.58062%	\$1,124,161		2.29%		
45										
46	gridSMART Rider		4,969		\$ 1.00	\$4,969		0.01%		
47										
48	Total GS-3 Primary Voltage		4,969	2,578,738,113		\$49,029,742		100.00%	0	\$49,029,742

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: > Original Updated Revised
Work Paper Reference No(s): WP E-4.1m

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Witness Responsible: T. Zelina / A. Moore

Current Annualized										
Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized Revenue Less Gas or Fuel Cost Revenue (K)	% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M+K)	Total Revenue % Increase (O)
1	GS-3	General Service - Medium Load Factor								
2		Primary Voltage								
3										
4		Customer Charge	4,894		\$265.29	\$1,298,329	3.16%	-\$1,040,905	-80.17%	-80.17%
5										
6		Demand Charge (per KW)		5,079,333	\$2.498	\$12,686,174	30.91%	\$6,664,085	52.52%	52.52%
7		Excess KVA Charge (per KVA)		337,830	\$0.835	\$282,172	0.69%	\$407,206	144.31%	144.31%
8		Energy Charge (per kWh)		2,574,482,026	\$0.0003805	\$979,590	2.39%	-\$979,590	-100.00%	-100.00%
9										
10		Minimum Customer	74		\$265.29	\$19,631	0.05%	-\$15,739	-80.17%	-80.17%
11										
12		Minimum Demand Charge (per KW)		67,350	\$2.498	\$168,240	0.41%	\$86,363	52.52%	52.52%
13		Minimum Off Peak Excess KVA Charge (per KVA)		4,100	\$0.835	\$3,424	0.01%	\$4,941	144.31%	144.31%
14		Minimum Energy Charge (per kWh)		4,225,311	\$0	\$0	0.00%	\$0	0.00%	0.00%
15										
16		Maximum Customer	1		\$265.29	\$265	0.00%	-\$213	-80.17%	-80.17%
17										
18		Maximum Demand Charge (per KW)		231	\$0.000	\$0	0.00%	\$880	100.00%	100.00%
19		Maximum Off Peak Excess KVA Charge (per KVA)		184	\$0.000	\$0	0.00%	\$375	100.00%	100.00%
20		Maximum Energy Charge (per kWh)		30,776	\$0.0503384	\$1,549	0.00%	-\$1,549	-100.00%	-100.00%
21										
22		Alternate Feed Service				\$2,324,424	5.66%	\$1,172,397	50.44%	50.44%
23										
24		Universal Service Fund Rider								
25		First 633,000 kWh		1,738,134,368	\$0.0019994	\$3,475,226				
26		All Excess kWh		839,610,805	\$0.0001830	\$153,630				
27		Total Charge				\$3,628,856	8.84%	\$742,215	20.45%	20.45%
28										
29		Advanced Energy Fund Rider	4,969		\$0.0095	\$445	0.00%	-\$445	-100.00%	-100.00%
30										
31		KWH Tax Rider								
32		First 2,000 kWh		10,453,456	\$0.00465	\$48,808				
33		Next 13,000 kWh		67,573,345	\$0.00419	\$283,132				
34		Excess kWh		2,496,618,067	\$0.00363	\$9,073,614				
35		Total Charge				\$9,406,354	22.91%	\$0	0.00%	0.00%
36										
37		Monongahela Power Litigation Termination Rider		2,577,644,868	\$0.0001229	\$316,793	0.77%	\$0	0.00%	0.00%
38										
39		Energy Efficiency and Peak Demand Rider		2,577,644,868	\$0.0027589	\$7,111,464	17.32%	-\$210,335	-2.96%	-2.96%
40										
41		Economic Development Cost Recovery Rider			10.62465%	\$1,869,770	4.55%	\$494,820	26.46%	26.46%
42										
43		Enhanced Service Reliability Rider			2.82976%	\$502,729	1.22%	\$821,431	123.61%	123.61%
44										
45		gridSMART Rider			2.55030%	\$453,081	1.10%	-\$448,112	-98.90%	-98.90%
46										
47		Total GS-3 Primary Voltage	4,969	2,578,736,113		\$41,054,292	100.00%	\$7,975,450	19.43%	19.43%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ► Original___Updated___Revised
Work Paper Reference No(s): WP E-4.1n

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed			
						Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)	% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)
1	GS-3-LMTOD	General Service - Medium Load Factor Time-of-Day (Proposed GS-2)							
2									
3	Customer Charge		12		\$12.85	\$154	0.10%		
4									
5	Total Energy Charge:								
6	On-Peak kWh			906,456	\$0.0148800	\$13,307			
7	Off-Peak kWh			4,850,598	\$0.0145800	\$71,207			
8	Total Energy Charge:					\$84,514	57.19%		
9									
10	Universal Service Fund Rider								
11	First 833,000 kWh			5,735,118	\$0.0024312	\$13,943			
12	All Excess kWh			21,938	\$0.0001731	\$4			
13	Total Charge					\$13,947	9.44%		
14									
15	Advanced Energy Fund Rider		12		\$0.0000	\$0	0.00%		
16									
17	KWH Tax Rider								
18	First 2,000 kWh			22,206	\$0.00465	\$103			
19	Next 13,000 kWh			144,344	\$0.00419	\$605			
20	Excess kWh			5,590,504	\$0.00363	\$20,294			
21	Total Charge					\$21,002	14.21%		
22									
23	Monongahela Power Litigation Termination Rider			5,767,054	\$0.0001229	\$706	0.48%		
24									
25	Energy Efficiency and Peak Demand Rider			5,757,054	\$0.0026773	\$15,413	10.43%		
26									
27	Economic Development Cost Recovery Rider				9.63500%	\$8,158	5.52%		
28									
29	Enhanced Service Reliability Rider				4.58062%	\$3,876	2.62%		
30									
31	gridSMART Rider		12		\$ 1.00	\$12	0.01%		
32									
33	Total GS-3-LMTOD		12	5,767,054		\$147,785	100.00%	0	\$147,795

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Date: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s): WP E-4.1n

Schedule E-4.1
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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M+K)	Total Revenue % Increase (O)
						Current Annualized Revenue Less Gas or Fuel Cost Revenue (K)					
1	GS-3-LMTOD	General Service - Medium Load Factor Time-of-Day									
2											
3	Customer Charge		12		\$108.77	\$1,305		1.87%	-\$1,151	-88.19%	-88.19%
4											
5	Total Energy Charge:										
6	On-Peak kWh			906,456	\$0.0163032	\$14,778					
7	Off-Peak kWh			4,850,598	\$0.0003805	\$1,846					
8	Total Energy Charge:					\$16,624		23.80%	\$67,890	408.39%	408.39%
9											
10	Universal Service Fund Rider										
11	First 833,000 kWh			5,735,116	\$0.0019994	\$11,467					
12	All Excess kWh			21,938	\$0.0001830	\$4					
13	Total Charge					\$11,471		16.42%	\$2,476	21.69%	21.69%
14											
15	Advanced Energy Fund Rider		12		\$0.0895	\$1		0.00%	-\$1	-100.00%	-100.00%
16											
17	KWH Tax Rider										
18	First 2,000 kWh			22,206	\$0.00485	\$103					
19	Next 13,000 kWh			144,344	\$0.00419	\$605					
20	Excess kWh			5,590,504	\$0.00363	\$20,294					
21	Total Charge					\$21,002		30.07%	\$0	0.00%	0.00%
22											
23	Monongahela Power Litigation Termination Rider			5,757,064	\$0.0001229	\$708		1.01%	\$0	0.00%	0.00%
24											
25	Energy Efficiency and Peak Demand Rider			5,757,064	\$0.0027589	\$15,883		22.74%	-\$470	-2.96%	-2.96%
26											
27	Economic Development Cost Recovery Rider				10.52455%	\$1,887		2.70%	\$6,271	332.32%	332.32%
28											
29	Enhanced Service Reliability Rider				2.82976%	\$507		0.73%	\$3,371	664.43%	664.43%
30											
31	gridSMART Rider				2.55030%	\$457		0.65%	-\$445	-97.38%	-97.38%
32											
33	Total GS-3-LMTOD		12	5,757,064		\$69,845		100.00%	\$77,941	111.59%	111.59%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.1a - q

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Witness Responsible: T. Zelina / A. Moore

Test Year Proposed										
Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)	% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)	
1	GS-4	General Service - Large (Proposed GS-2)								
2										
3	Customer Charge		393		\$806.10	\$316,797	7.32%			
4										
5	Demand Charge (\$ per kW)			0	\$0.000	\$0	0.00%			
6	Reactive Demand (\$ per KVAR)			101,787	\$0.690	\$70,233	1.62%			
7	Reactive Demand (\$ per KVA)			13,798	\$2.040	\$28,148	0.65%			
8	Energy Charge (\$ per kWh)			2,605,156,414	\$0.0000000	\$0	0.00%			
9	Off-Peak Excess Demand (\$ per kW)			0	\$0.000	\$0	0.00%			
10										
11	Stand by Service									
12	Demand Charge (per kW)			72,000	\$0.000	\$0	0.00%			
13	Energy Charge (per kWh)			2,080,935	\$0.0000000	\$0	0.00%			
14	Maintenance Energy Charge (per kWh)			2,283,954	\$0.0000000	\$0	0.00%			
15										
16	Universal Service Fund Rider									
17	First 833,000 kWh			300,071,734	\$0.0024312	\$729,534				
18	All Excess kWh			2,292,657,357	\$0.0001731	\$396,859				
19	Total Charge					\$1,126,393	26.03%			
20										
21	Advanced Energy Fund Rider		393		\$0.0000	\$0	0.00%			
22										
23	KWH Tax Rider									
24	First 2,000 kWh			408,582	\$0.00465	\$1,900				
25	Next 13,000 kWh			2,643,120	\$0.00419	\$11,075				
26	Excess kWh			385,407,738	\$0.00363	\$1,399,030				
27	Total Charge					\$1,412,005	32.63%			
28										
29	Monongahela Power Litigation Termination Rider			2,592,729,091	\$0.0001229	\$318,646	7.36%			
30										
31	Energy Efficiency and Peak Demand Rider			2,588,364,202	\$0.0003845	\$995,226	23.00%			
32										
33	Economic Development Cost Recovery Rider				9.63500%	\$40,002	0.92%			
34										
35	Enhanced Service Reliability Rider				4.58062%	\$19,018	0.44%			
36										
37	gridSMART Rider		393		\$ 1.00	\$393	0.01%			
38										
39	Total GS-4		393	2,809,521,303		\$4,326,862	100.00%	0	\$4,326,862	

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s): WP E-4.10 - g

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Witness Responsible: T. Zolina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M+K)	Total Revenue % Increase (O)
						Current Annualized Revenue Less Gas or Fuel Cost Revenue (K)					
1	GS-4	General Service - Large									
2											
3	Customer Charge		393		\$713.41	\$280,370		2.98%	\$36,427	12.99%	12.99%
4											
5	Demand Charge (\$ per KVA)			5,307,182	\$0.685	\$3,629,276		37.61%	-\$3,529,276	-100.00%	-100.00%
6	Energy Charge (\$ per kWh)			2,605,156,414	\$0.0003805	\$991,262		10.58%	-\$991,262	-100.00%	-100.00%
7	Off-Peak Excess Demand (\$ per KVA)			19,234	\$0.000	\$0		0.00%	\$0	100.00%	100.00%
8											
9	Stand by Service										
10	Demand Charge (per kW)			72,000	\$0.043	\$3,096		0.03%	-\$3,096	-100.00%	-100.00%
11	Energy Charge (per kWh)			2,080,935	\$0.0003805	\$792		0.01%	-\$792	-100.00%	-100.00%
12	Maintenance Energy Charge (per kWh)			2,283,954	\$0.0004490	\$1,025		0.01%	-\$1,025	-100.00%	-100.00%
13											
14	Universal Service Fund Rider										
15	First 833,000 kWh			300,071,734	\$0.0019894	\$599,863					
16	All Excess kWh			2,292,657,357	\$0.0001830	\$418,556					
17	Total Charge					\$1,019,520		10.66%	\$106,874	10.48%	10.48%
18											
19	Advanced Energy Fund Rider		393		\$0.0896	\$35		0.00%	-\$35	-100.00%	-100.00%
20											
21	KWH Tax Rider										
22	First 2,000 kWh			408,582	\$0.00465	\$1,900					
23	Next 13,000 kWh			2,643,120	\$0.00419	\$11,075					
24	Excess kWh			385,407,738	\$0.00363	\$1,399,030					
25	Total Charge					\$1,412,005		15.05%	\$0	0.00%	0.00%
26											
27	Monongahela Power Litigation Termination Rider			2,692,729,091	\$0.0001229	\$318,646		3.40%	\$0	0.00%	0.00%
28											
29	Energy Efficiency and Peak Demand Rider			2,588,364,202	\$0.0004108	\$1,063,300		11.33%	-\$88,074	-8.40%	-8.40%
30											
31	Economic Development Cost Recovery Rider				10.52455%	\$505,791		5.39%	-\$465,789	-92.09%	-92.09%
32											
33	Enhanced Service Reliability Rider				2.82976%	\$135,593		1.45%	-\$116,976	-86.02%	-86.02%
34											
35	gridSMART Rider				2.56030%	\$122,563		1.31%	-\$122,170	-99.68%	-99.68%
36											
37	Total GS-4		393	2,609,621,303		\$9,283,675		100.00%	-\$5,056,813	-53.89%	-53.89%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-361-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s): WP E-4.1

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)
						Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)				
1	IRP-D	Interruptible Power - Discretionary (Proposed GS-2)								
2	Subtransmission Voltage									
3										
4	Customer Charge:		6		\$806.10	\$4,837		30.12%		
5										
6	Demand Charge (\$ per kW)			0	\$0.000	\$0		0.00%		
7	Energy Charge (per kWh)			1,592,832	\$0.000000	\$0		0.00%		
8										
9	Universal Service Fund Rider									
10	First 833,000 kWh			1,592,832	\$0.0024312	\$3,872				
11	All Excess kWh			0	\$0.0001731	\$0				
12	Total Charge					\$3,872		24.12%		
13										
14	Advanced Energy Fund Rider		6		\$0.0000	\$0		0.00%		
15										
16	KWH Tax Rider									
17	First 2,000 kWh			13,427	\$0.00466	\$62				
18	Next 13,000 kWh			87,263	\$0.00419	\$366				
19	Excess kWh			1,492,142	\$0.00363	\$5,416				
20	Total Charge					\$5,845		36.40%		
21										
22	Monongahela Power Litigation Termination Rider			1,592,832	\$0.0001229	\$196		1.22%		
23										
24	Energy Efficiency and Peak Demand Rider			1,592,832	\$0.0003845	\$612		3.61%		
25										
26	Economic Development Cost Recovery Rider				9.63500%	\$486		2.90%		
27										
28	Enhanced Service Reliability Rider				4.58062%	\$222		1.38%		
29										
30	gridSMART Rider		6		\$ 1.00	\$6		0.04%		
31										
32	Total IRP-D Subtransmission Voltage		6	1,592,832		\$16,065		100.00%	0	\$16,065

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4, 1r

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bill (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M-K)	Total Revenue % Increase (O)
						Current Annualized Revenue	Less Gas or Fuel Cost Revenue (K)				
1	IRP-D	Interruptible Power - Discretionary									
2		Subtransmission Voltage									
3											
4	Customer Charge:		6		\$713.41	\$4,280		8.87%	\$556	12.99%	12.99%
5											
6	Demand Charge (per KVA)			22,629	\$1.236	\$28,215		58.48%	-\$28,215	-100.00%	-100.00%
7	Energy Charge (per kWh)			1,592,832	\$0.0003805	\$606		1.26%	-\$606	-100.00%	-100.00%
8											
9	Universal Service Fund Rider										
10	First 833,000 kWh			1,592,832	\$0.0019994	\$3,185					
11	All Excess kWh			0	\$0.0001630	\$0					
12	Total Charge					\$3,185		6.80%	\$688	21.80%	21.80%
13											
14	Advanced Energy Fund Rider		6		\$0.0895	\$1		0.00%	-\$1	-100.00%	-100.00%
15											
16	KWH Tax Rider										
17	First 2,000 kWh			13,427	\$0.00465	\$62					
18	Next 13,000 kWh			87,263	\$0.00419	\$366					
19	Excess kWh			1,492,142	\$0.00363	\$5,416					
20	Total Charge					\$5,845		12.11%	\$0	0.00%	0.00%
21											
22	Monongahela Power Litigation Termination Rider			1,592,832	\$0.0001228	\$196		0.41%	\$0	0.00%	0.00%
23											
24	Energy Efficiency and Peak Demand Rider			1,592,832	\$0.0004108	\$654		1.36%	-\$42	-6.40%	-6.40%
25											
26	Economic Development Cost Recovery Rider				10.52455%	\$3,484		7.22%	-\$3,018	-86.62%	-86.62%
27											
28	Enhanced Service Reliability Rider				2.82978%	\$937		1.94%	-\$715	-76.35%	-76.35%
29											
30	gridSMART Rider				2.55030%	\$844		1.75%	-\$838	-99.29%	-99.29%
31											
32	Total IRP-D Subtransmission Voltage		6	1,592,832		\$48,247		100.00%	-\$32,191	-66.72%	-66.72%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: >Original___Updated___Revised
Work Paper Reference No(s): WP E-4.1s

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Witness Responsible: T. Zellina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)
						Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)				
1	IRP-D	Interruptible Power - Discretionary (Proposed GS-2)								
2	Transmission Voltage									
3										
4	Customer Charge;		12		\$806.10	\$9,673		23.63%		
5										
6	Demand Charge (\$ per kW)			0	\$0.00	\$0		0.00%		
7	Energy Charge (per kWh)			12,339,733	\$0.00000	\$0		0.00%		
8										
9	Universal Service Fund Rider									
10	First 833,000 kWh			9,545,231	\$0.0024312	\$23,206				
11	All Excess kWh			2,672,330	\$0.0001731	\$463				
12	Total Charge					\$23,669		57.83%		
13										
14	Advanced Energy Fund Rider		12		\$0.0000	\$0		0.00%		
15										
16	KWH Tax Rider									
17	First 2,000 kWh			0	\$0.00465	\$0				
18	Next 13,000 kWh			0	\$0.00419	\$0				
19	Excess kWh			0	\$0.00363	\$0				
20	Total Charge					\$0		0.00%		
21										
22	Monongahela Power Litigation Termination Rider			12,217,561	\$0.0001229	\$1,502		3.67%		
23										
24	Energy Efficiency and Peak Demand Rider			12,217,561	\$0.0003845	\$4,698		11.48%		
25										
26	Economic Development Cost Recovery Rider				9.63500%	\$932		2.28%		
27										
28	Enhanced Service Reliability Rider				4.68082%	\$443		1.08%		
29										
30	gridSMART Rider		12		\$ 1.00	\$12		0.03%		
31										
32	Total IRP-D Transmission Voltage		12	12,339,733		\$40,928			0	\$40,928

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Date: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s): WVP E-4.1s

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M+K)	Total Revenue % Increase (O)
					Most Current Rate (J)	Current Annualized Revenue Less Gas or Fuel Cost Revenue (K)				
1	IRP-D	Interruptible Power - Discretionary								
2		Transmission Voltage								
3										
4	Customer Charge		12		\$713.41	\$8,561	13.00%	\$1,112	12.99%	12.99%
5										
6	Demand Charge (per KVA)			31,621	\$0.665	\$21,028	31.94%	-\$21,028	-100.00%	-100.00%
7	Energy Charge (per kWh)			12,339,733	\$0.0003805	\$4,895	7.13%	-\$4,895	-100.00%	-100.00%
8										
9	Universal Service Fund Rider									
10	First 833,000 kWh			9,545,231	\$0.0019994	\$19,085				
11	All Excess kWh			2,672,330	\$0.0001830	\$489				
12	Total Charge					\$19,574	29.73%	\$4,095	20.92%	20.92%
13										
14	Advanced Energy Fund Rider		12		\$0.0895	\$1	0.00%	-\$1	-100.00%	-100.00%
15										
16	KWH Tax Rider									
17	First 2,000 kWh			0	\$0.00465	\$0				
18	Next 13,000 kWh			0	\$0.00419	\$0				
19	Excess kWh			0	\$0.00363	\$0				
20	Total Charge					\$0	0.00%	\$0	0.00%	0.00%
21										
22	Monongahela Power Litigation Termination Rider			12,217,561	\$0.0001229	\$1,502	2.28%	\$0	0.00%	0.00%
23										
24	Energy Efficiency and Peak Demand Rider			12,217,561	\$0.0004108	\$5,019	7.62%	-\$321	-6.40%	-6.40%
25										
26	Economic Development Cost Recovery Rider				10.52455%	\$3,608	5.46%	-\$2,678	-74.17%	-74.17%
27										
28	Enhanced Service Reliability Rider				2.82976%	\$970	1.47%	-\$527	-54.33%	-54.33%
29										
30	gridSMART Rider				2.55030%	\$874	1.33%	-\$862	-98.63%	-98.63%
31										
32	Total IRP-D Transmission Voltage		12	12,339,733		\$65,632	100.00%	-\$24,904	-37.83%	-37.83%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.1I

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)
						Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)				
1	JOINT SERVICE TERRITORY (Proposed GS-2)									
2										
3	Customer Charge		12		\$806.10	\$9,673		0.96%		
4										
5	Demand Charge (\$ per kW)			0	\$0.00	\$0		0.00%		
6	Energy Charge (\$ per kWh)			1,433,628,931	\$0.0000000	\$0		0.00%		
7										
8	Universal Service Fund Rider									
9	First 833,000 kWh			9,998,000	\$0.0024312	\$24,302				
10	All Excess kWh			1,423,632,931	\$0.0001731	\$246,431				
11	Total Charge					\$270,733		26.83%		
12										
13	Advanced Energy Fund Rider		12		\$0.0000	\$0		0.00%		
14										
15	KWH Tax Rider									
16	First 2,000 kWh			0	\$0.00485	\$0				
17	Next 13,000 kWh			0	\$0.00419	\$0				
18	Excess kWh			0	\$0.00363	\$0				
19	Total Charge					\$0		0.00%		
20										
21	Monongahela Power Litigation Termination Rider			1,433,628,931	\$0.0001229	\$176,193		17.46%		
22										
23	Energy Efficiency and Peak Demand Rider			1,433,628,931	\$0.0003845	\$551,230		54.62%		
24										
25	Economic Development Cost Recovery Rider				9.63500%	\$932		0.09%		
26										
27	Enhanced Service Reliability Rider				4.68062%	\$443		0.04%		
28										
29	gridSMART Rider		12		\$ 1.00	\$12		0.00%		
30										
31	Total Joint Service Territory		12	1,433,628,931		\$1,009,217		100.00%	0	\$1,009,217

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s): WP E-4.1t

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M+K)	Total Revenue % Increase (O)
						Current Annualized Revenue Less Gas or Fuel Cost Revenue (K)					
1	JOINT SERVICE TERRITORY										
2											
3	Customer Charge		12		\$534.63	\$8,418		0.24%	\$3,258	50.78%	50.78%
4											
5	Demand Charge (\$ per KW)			2,096,226	\$0.43	\$901,377		33.62%	-\$901,377	-100.00%	-100.00%
6	Energy Charge (\$ per kWh)			1,433,628,931	\$0.0003512	\$503,490		18.78%	-\$503,490	-100.00%	-100.00%
7											
8	Universal Service Fund Rider										
9	First 533,000 kWh			9,996,000	\$0.0019994	\$19,966					
10	All Excess kWh			1,423,632,931	\$0.0001830	\$260,525					
11	Total Charge					\$280,511		10.46%	-\$9,778	-3.48%	-3.48%
12											
13	Advanced Energy Fund Rider		12		\$0.0895	\$1		0.00%	-\$1	-100.00%	-100.00%
14											
15	KWH Tax Rider										
16	First 2,000 kWh			0	\$0.00465	\$0					
17	Next 13,000 kWh			0	\$0.00419	\$0					
18	Excess kWh			0	\$0.00363	\$0					
19	Total Charge					\$0		0.00%	\$0	0.00%	0.00%
20											
21	Monongahela Power Litigation Termination Rider			1,433,628,931	\$0.0001229	\$176,193		6.67%	\$0	0.00%	0.00%
22											
23	Energy Efficiency and Peak Demand Rider			1,433,628,931	\$0.0004108	\$589,935		21.98%	-\$37,704	-6.40%	-6.40%
24											
25	Economic Development Cost Recovery Rider				10.52455%	\$148,531		5.54%	-\$147,599	-99.37%	-99.37%
26											
27	Enhanced Service Reliability Rider				2.82976%	\$39,936		1.48%	-\$39,493	-98.89%	-98.89%
28											
29	gridSMART Rider				2.55030%	\$35,992		1.34%	-\$35,960	-99.97%	-99.97%
30											
31	Total Joint Service Territory		12	1,433,628,931		\$2,661,362		100.00%	-\$1,672,166	-62.36%	-62.36%

Date Prepared: Feb. 26, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.1u

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)
						Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)				
1	SLCM	Street Lighting - Customer Owned								
2										
3	Customer Charge		415		\$17.60	\$7,304		1.20%		
4										
5	Energy Charge (per kWh)			29,331,645	0.01246	\$365,472		59.91%		
6										
7	Universal Service Fund Rider									
8	First 833,000 kWh			29,331,645	\$0.0024312	\$71,311				
9	All Excess kWh			0	\$0.0001731	\$0				
10	Total Charge					\$71,311		11.69%		
11										
12	Advanced Energy Fund Rider		415		\$0.0000	\$0		0.00%		
13										
14	KWH Tax Rider									
15	First 2,000 kWh			746,036	\$0.00465	\$3,489				
16	Next 13,000 kWh			3,016,473	\$0.00419	\$12,639				
17	Excess kWh			25,569,136	\$0.00363	\$92,816				
18	Total Charge					\$108,924		17.86%		
19										
20	Monongahela Power Litigation Termination Rider			29,331,645	\$0.0001229	\$3,605		0.59%		
21										
22	Energy Efficiency and Peak Demand Rider			29,331,645	\$0.0000000	\$0		0.00%		
23										
24	Economic Development Cost Recovery Rider				9.63500%	\$35,917		5.89%		
25										
26	Enhanced Service Reliability Rider				4.58062%	\$17,075		2.80%		
27										
28	gridSMART Rider		415		\$ 1.00	\$415		0.07%		
29										
30	Total SLCM		415	29,331,645		\$610,024		100.00%	0	\$610,024

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Date: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s): WP E-4.1u

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M+K)	Total Revenue % Increase (O)
						Current Annualized Revenue Less Gas or Fuel Cost Revenue (K)					
1	SLCM	Street Lighting - Customer Owned									
2											
3	Customer Charge		415		\$3.90	\$1,619		0.30%	\$5,686	361.28%	361.28%
4											
5	Energy Charge (per kWh)			29,331,645	0.0106108	\$311,226		56.30%	\$54,246	17.43%	17.43%
6											
7	Universal Service Fund Rider										
8	First 833,000 kWh			29,331,645	\$0.0019994	\$58,646					
9	All Excess kWh			0	\$0.0001830	\$0					
10	Total Charge					\$58,646		10.99%	\$12,685	21.60%	21.60%
11											
12	Advanced Energy Fund Rider		415		\$0.0895	\$37		0.01%	-\$37	-100.00%	-100.00%
13											
14	KWH Tax Rider										
15	First 2,000 kWh			746,036	\$0.00465	\$3,469					
16	Next 13,000 kWh			3,016,473	\$0.00419	\$12,639					
17	Excess kWh			25,569,136	\$0.00363	\$92,816					
18	Total Charge					\$108,924		20.40%	\$0	0.00%	0.00%
19											
20	Monongahela Power Litigation Termination Rider			29,331,645	\$0.0001229	\$3,605		0.66%	\$0	0.00%	0.00%
21											
22	Energy Efficiency and Peak Demand Rider			29,331,645	\$0.0000000	\$0		0.00%	\$0	0.00%	0.00%
23											
24	Economic Development Cost Recovery Rider				10.52465%	\$32,926		6.17%	\$2,991	9.09%	9.09%
25											
26	Enhanced Service Reliability Rider				2.82976%	\$8,853		1.66%	\$8,223	92.88%	92.88%
27											
28	gridSMART Rider				2.55030%	\$7,978		1.49%	-\$7,563	-94.80%	-94.80%
29											
30	Total SLCM		415	29,331,645		\$533,813		100.00%	\$76,210	14.28%	14.28%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s): WP E-4.1v

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)
						Proposed Annualized Revenue	Less Gas or Fuel Cost Revenue			
1	SL	Street Lighting								
2										
3		Luminaires:								
4		100 W Standard High Pressure Sodium	171,983	6,879,320	\$7.72	\$1,327,709		43.26%		
5		150 W Standard High Pressure Sodium	12,096	713,664	\$8.76	\$105,961		3.45%		
6		200 W Standard High Pressure Sodium	17,256	1,449,504	\$10.00	\$172,560		5.62%		
7		250 W Standard High Pressure Sodium	1,176	121,128	\$10.58	\$12,442		0.41%		
8		400 W Standard High Pressure Sodium	8,080	1,349,360	\$12.80	\$103,424		3.37%		
9		100 W Cut Off High Pressure Sodium	108	4,320	\$9.43	\$1,018		0.03%		
10		250 W Cut Off High Pressure Sodium	72	7,416	\$15.14	\$1,090		0.04%		
11		400 W Cut Off High Pressure Sodium	588	98,196	\$19.34	\$11,372		0.37%		
12		100 W Standard Mercury Vapor	12	516	\$6.87	\$82		0.00%		
13		175 W Standard Mercury Vapor	10,134	729,648	\$7.89	\$79,967		2.61%		
14		400 W Standard Mercury Vapor	1,284	202,872	\$12.79	\$16,422		0.54%		
15		Total				\$1,832,038		69.68%		
16										
17		Floodlights:								
18		100 W Standard High Pressure Sodium	24	960	7.72	\$185		0.01%		
19		250 W Standard High Pressure Sodium	240	24,720	10.58	\$2,539		0.08%		
20		400 W Standard High Pressure Sodium	586	94,522	12.8	\$7,245		0.24%		
21		1,000 W Standard High Pressure Sodium	2,736	1,034,208	32.24	\$88,209		2.87%		
22		Total				\$98,178		3.20%		
23										
24		Enclosed:								
25		150 W Enclosed High Pressure Sodium	636	37,524	\$8.78	\$5,571		0.18%		
26		200 W Enclosed High Pressure Sodium	420	35,280	\$10.00	\$4,200		0.14%		
27		Total				\$9,771		0.32%		
28										
29		Special:								
30		100 W High Pressure Sodium	6,468	258,720	7.72	\$49,933		1.63%		
31		100 W Post Top High Pressure Sodium	5,748	229,920	\$6.77	\$38,914		1.27%		
32		150 W Post Top High Pressure Sodium	1,500	88,500	\$6.81	\$8,715		0.28%		
33										
34		Facilities Charges:								
35		Each additional wood pole	96,458		\$1.34	\$129,267		4.21%		
36		Each aluminum pole	6,744		\$13.91	\$93,809		3.06%		
37		Each fiberglass pole	516		\$17.65	\$9,107		0.30%		
38		Each additional 150 foot o/h wire span	140,376		\$0.79	\$110,897		3.61%		
39		12 foot mastarm mounting	22,920		\$1.17	\$26,816		0.87%		
40		15 foot mastarm mounting	25,020		\$1.56	\$39,031		1.27%		
41		20 foot mastarm mounting	10,584		\$2.67	\$28,259		0.92%		
42		Each riser pole connection	4,992		\$3.42	\$17,073		0.56%		
43		Underground wire lateral under 50 feet	92,700		\$1.28	\$118,656		3.87%		
44		Total				\$672,916		18.67%		

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s): WP E-4.1v

Schedule E-4.1
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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	0 Proposed Total Revenue (I=F+H)
					Proposed Rate (E)	Proposed Annualized Revenue Less Gas or Fuel Cost Revenue (F)			
1	SL	Street Lighting							
2									
3		Universal Service Fund Rider							
4		First 833,000 kWh		12,842,598	\$0.0024312	\$31,223			
5		All Excess kWh		0	\$0.0001731	\$0			
6		Total Charge				\$31,223	1.02%		
7									
8		Advanced Energy Fund Rider	2,129		\$0.0000	\$0	0.00%		
9									
10		KWH Tax Rider							
11		First 2,000 kWh		2,984,370	\$0.00465	\$13,877			
12		Next 13,000 kWh		5,656,426	\$0.00419	\$23,700			
13		Excess kWh		4,201,802	\$0.00363	\$15,253			
14		Total Charge				\$52,830	1.72%		
15									
16		Monongahela Power Litigation Termination Rider		12,842,598	\$0.0001229	\$1,578	0.05%		
17									
18		Energy Efficiency and Peak Demand Rider		12,842,598	\$0.0000000	\$0	0.00%		
19									
20		Economic Development Cost Recovery Rider			9.63500%	\$251,518	8.19%		
21									
22		Enhanced Service Reliability Rider			4.58062%	\$119,576	3.90%		
23									
24		gridSMART Rider	2,129		\$ 1.00	\$2,129	0.07%		
25									
26		Total SL	2,129	13,360,298		\$3,069,320	100.00%	0	\$3,069,320

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: P-Original Updated Revised
Work Paper Reference No(s): WP E-4.1v

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (N=F-K)	% Increase In Revenue Less Fuel Cost Revenue (N=M-K)	Total Revenue % Increase (O)
						Current Annualized Revenue Less Gas or Fuel Cost Revenue (K)					
1	SL	Street Lighting									
2											
3		Luminaires:									
4		100 W Standard High Pressure Sodium	171,983	6,879,320	\$6.57	\$1,129,928		42.60%	\$197,780	17.50%	17.50%
5		150 W Standard High Pressure Sodium	12,096	713,664	\$7.46	\$90,238		3.40%	\$15,725	17.43%	17.43%
6		200 W Standard High Pressure Sodium	17,256	1,449,504	\$8.59	\$165,485		6.24%	\$7,075	4.28%	4.28%
7		250 W Standard High Pressure Sodium	1,176	121,128	\$10.58	\$12,442		0.47%	\$0	0.00%	0.00%
8		400 W Standard High Pressure Sodium	8,080	1,349,360	\$11.92	\$96,314		3.63%	\$7,110	7.38%	7.38%
9		100 W Cut Off High Pressure Sodium	108	4,320	\$8.43	\$1,018		0.04%	\$0	0.00%	0.00%
10		250 W Cut Off High Pressure Sodium	72	7,416	\$15.14	\$1,090		0.04%	\$0	0.00%	0.00%
11		400 W Cut Off High Pressure Sodium	588	98,196	\$19.34	\$11,372		0.43%	\$0	0.00%	0.00%
12		100 W Standard Mercury Vapor	12	518	\$8.00	\$72		0.00%	\$10	14.50%	14.50%
13		175 W Standard Mercury Vapor	10,134	729,648	\$6.89	\$69,823		2.63%	\$10,134	14.51%	14.51%
14		400 W Standard Mercury Vapor	1,284	202,872	\$11.17	\$14,342		0.54%	\$2,080	14.50%	14.50%
15		Total				\$1,592,123		60.02%	\$230,915	15.07%	15.07%
16											
17		Floodlights:									
18		100 W Standard High Pressure Sodium	24	960	2.81	\$67		0.00%	\$118	174.73%	174.73%
19		250 W Standard High Pressure Sodium	240	24,720	8.09	\$1,942		0.07%	\$688	30.78%	30.78%
20		400 W Standard High Pressure Sodium	586	94,522	12.98	\$7,347		0.28%	-\$102	-1.38%	-1.38%
21		1,000 W Standard High Pressure Sodium	2,736	1,034,208	32.24	\$88,209		3.33%	\$0	0.00%	0.00%
22		Total				\$97,564		3.68%	\$614	0.63%	0.63%
23											
24		Enclosed:									
25		150 W Enclosed High Pressure Sodium	636	37,524	\$3.88	\$2,465		0.09%	\$3,116	126.94%	126.94%
26		200 W Enclosed High Pressure Sodium	420	35,280	\$5.59	\$2,348		0.09%	\$1,852	78.89%	78.89%
27		Total				\$4,803		0.18%	\$4,969	103.45%	103.45%
28											
29		Special:									
30		100 W High Pressure Sodium	6,468	258,720	0.66	\$4,269		0.16%	\$45,664	1069.70%	1069.70%
31		100 W Post Top High Pressure Sodium	5,748	229,920	\$3.70	\$21,268		0.80%	\$17,646	82.97%	82.97%
32		150 W Post Top High Pressure Sodium	1,500	88,500	\$4.95	\$7,425		0.28%	\$1,290	17.37%	17.37%
33											
34		Facilities Charges:									
35		Each additional wood pole	96,468		\$1.14	\$109,974		4.15%	\$19,294	17.54%	17.54%
36		Each aluminum pole	6,744		\$11.84	\$79,649		3.01%	\$13,960	17.48%	17.48%
37		Each fiberglass pole	516		\$17.65	\$9,107		0.34%	\$0	0.00%	0.00%
38		Each additional 150 foot o/h wire span	140,376		\$0.67	\$94,052		3.55%	\$18,845	17.91%	17.91%
39		12 foot mastarm mounting	22,920		\$1.00	\$22,920		0.88%	\$3,896	17.00%	17.00%
40		16 foot mastarm mounting	25,020		\$1.33	\$33,277		1.25%	\$5,755	17.29%	17.29%
41		20 foot mastarm mounting	10,584		\$2.33	\$24,661		0.93%	\$3,599	14.59%	14.59%
42		Each riser pole connection	4,992		\$3.42	\$17,073		0.64%	\$0	0.00%	0.00%
43		Underground wire lateral under 50 feet	92,700		\$1.09	\$101,043		3.81%	\$17,613	17.43%	17.43%
44		Total				\$491,955		18.55%	\$80,961	16.46%	16.46%

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.1v

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Witness Responsible: T. Zeline / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M+K)	Total Revenue % Increase (O)
						Current Annualized Revenue Less Gas or Fuel Cost Revenue (K)					
1	SL	Street Lighting									
2											
3		Universal Service Fund Rider									
4		First 833,000 kWh		12,842,598	\$0.0019994	\$25,677		0.97%			
5		All Excess kWh		0	\$0.0001830	\$0		0.00%			
6		Total Charge				\$25,677		0.97%	\$5,545	21.60%	21.60%
7											
8		Advanced Energy Fund Rider	2,129		\$0.0895	\$191		0.01%	-\$191	-100.00%	-100.00%
9											
10		KWH Tax Rider									
11		First 2,000 kWh		2,984,370	\$0.00465	\$13,877		0.32%			
12		Next 13,000 kWh		5,656,426	\$0.00419	\$23,700		0.88%			
13		Excess kWh		4,201,802	\$0.00363	\$15,253		0.57%			
14		Total Charge				\$52,830		1.98%	\$0	0.00%	0.00%
15											
16		Monongahela Power Litigation Termination Rider		12,842,598	\$0.0001229	\$1,578		0.06%	\$0	0.00%	0.00%
17											
18		Energy Efficiency and Peak Demand Rider		12,842,598	\$0.0000000	\$0		0.00%	\$0	0.00%	0.00%
19											
20		Economic Development Cost Recovery Rider			10.52455%	\$233,583		8.81%	\$17,936	7.68%	7.68%
21											
22		Enhanced Service Reliability Rider			2.82976%	\$62,804		2.37%	\$56,772	90.40%	90.40%
23											
24		gridSMART Rider			2.55030%	\$56,602		2.13%	-\$64,473	-96.24%	-96.24%
25											
26		Total SL	2,129	13,360,298		\$2,652,871		100.00%	\$416,649	15.71%	15.71%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.1w - x

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Witness Responsible: T. Zellina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)
						Proposed Annualized Revenue	Less Gas or Fuel Cost Revenue (F)			
1	AL	Private Area Lighting								
2										
3		Luminaires:								
4		100 W Standard High Pressure Sodium	182,496	7,299,840	\$7.25	\$1,323,096		13.44%		
5		150 W Standard High Pressure Sodium	22,291	1,315,169	\$8.04	\$179,220		1.82%		
6		200 W Standard High Pressure Sodium	37,567	3,155,628	\$9.14	\$343,362		3.49%		
7		250 W Standard High Pressure Sodium	2,123	218,669	\$10.08	\$21,400		0.22%		
8		400 W Standard High Pressure Sodium	48,311	8,067,937	\$10.79	\$821,276		5.29%		
9		100 W Post Top High Pressure Sodium	39,510	1,580,400	\$13.77	\$644,053		5.53%		
10		150 W Post Top High Pressure Sodium	126,465	7,461,435	\$13.93	\$1,761,657		17.89%		
11		100 W Cut Off High Pressure Sodium	1,548	61,920	\$8.37	\$12,957		0.13%		
12		250 W Cut Off High Pressure Sodium	1,507	155,221	\$11.33	\$17,074		0.17%		
13		400 W Cut Off High Pressure Sodium	1,688	281,896	\$13.15	\$22,197		0.23%		
14		100 W Standard Mercury Vapor	3,486	149,898	\$8.33	\$29,038		0.29%		
15		175 W Standard Mercury Vapor	40,682	2,929,104	\$7.66	\$311,624		3.17%		
16		400 W Standard Mercury Vapor	7,293	1,152,294	\$9.81	\$71,544		0.73%		
17		175 W Post Top Mercury Vapor	2,876	207,072	\$13.27	\$38,165		0.39%		
18		Total				\$5,196,663		52.78%		
19										
20		Floodlights:								
21		100 W Standard High Pressure Sodium	19,311	772,440	\$8.17	\$157,771		1.60%		
22		200 W Standard High Pressure Sodium	276	23,184	\$9.11	\$2,514		0.03%		
23		250 W Standard High Pressure Sodium	25,388	2,614,964	\$10.80	\$274,190		2.78%		
24		400 W Standard High Pressure Sodium	73,726	12,312,242	\$10.12	\$746,107		7.58%		
25		1,000 W Standard High Pressure Sodium	0	0	\$18.66	\$0		0.00%		
26		250 W Standard Mercury Vapor	252	25,200	\$12.91	\$3,253		0.03%		
27		400 W Standard Mercury Vapor	420	66,360	\$12.38	\$6,200		0.05%		
28		1,000 W Standard Mercury Vapor	192	72,576	\$14.18	\$2,723		0.03%		
29		250 W Metal Halide	3,576	357,600	\$10.58	\$37,834		0.38%		
30		400 W Metal Halide	25,294	3,996,452	\$10.62	\$268,622		2.73%		
31		1,000 W Metal Halide	588	222,264	\$17.11	\$10,061		0.10%		
32		Total				\$1,508,275		15.32%		
33										
34		Special Contracts								
35		250 W Mercury Vapor	228	22,800	12.91	\$2,943		0.03%		
36		250 W Mercury Vapor Cutoff	228	22,800	12.91	\$2,943		0.03%		
37		1,000 W Mercury Vapor	48	18,144	14.18	\$681		0.01%		
38						\$6,568		0.07%		
39		Other Equipment Charges:								
40		Each additional wood pole	150,464		\$3.54	\$532,642		5.41%		
41		Each aluminum pole	359		\$18.07	\$6,481		0.07%		
42		Each fiberglass pole	4,387		\$17.88	\$78,440		0.80%		
43		Each additional 150 foot o/h wire span	253,823		\$1.15	\$291,897		2.96%		
44		8 foot mastarm mounting	10,312		\$0.92	\$9,487		0.10%		
45		12 foot mastarm mounting	5,988		\$1.62	\$9,701		0.10%		
46		16 foot mastarm mounting	3,712		\$2.15	\$7,980		0.08%		
47		20 foot mastarm mounting	4,956		\$3.29	\$16,307		0.17%		
48		Each riser pole connection	1,419		\$3.52	\$4,994		0.05%		
49		Underground wire lateral under 50 feet	356,141		\$1.70	\$605,440		6.15%		
50		Total				\$1,563,370		15.88%		
51										
52		Universal Service Fund Rider								
53		First 833,000 kWh		55,179,480	\$0.0024312	\$134,152				
54		All Excess kWh		0	\$0.0001731	\$0				
55		Total Charge				\$134,152		1.36%		
56										
57		Advanced Energy Fund Rider	0		\$0.0000	\$0		0.00%		

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
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Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.1w - x

Schedule E-4.1
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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Test Year Proposed		% of Revenue to Total (G)	Increase Less Gas or Fuel Costs (H)	Proposed Total Revenue (I=F+H)
						Proposed Annualized Revenue	Less Gas or Fuel Cost Revenue (F)			
1	AL	Private Area Lighting								
2										
3		KWH Tax Rider								
4		First 2,000 kWh		50,187,172	\$0.00485	\$233,277				
5		Next 13,000 kWh		4,720,007	\$0.00419	\$19,777				
6		Excess kWh		155,189	\$0.00363	\$563				
7		Total Charge				\$253,618		2.58%		
8										
9		Monongahela Power Litigation Termination Rider		55,179,480	\$0.0001229	\$6,782		0.07%		
10										
11		Energy Efficiency and Peak Demand Rider		55,179,480	\$0.0000000	\$0		0.00%		
12										
13		Economic Development Cost Recovery Rider			9.63500%	\$797,284		8.10%		
14										
15		Enhanced Service Reliability Rider			4.58062%	\$379,041		3.85%		
16										
17		gridSMART Rider	0		\$ 1.00	\$0		0.00%		
18										
19		Total AL	0	54,563,509		\$9,845,753		100.00%	0	\$9,845,753

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: P-Original Updated Revised
Work Paper Reference No(s): WP E-4.tw - x

Schedule E-4.1
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Witness Responsible: T. Zellina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-J)	% Increase in Revenue Less Fuel Cost (N=M-K)	Total Revenue % Increase (O)
						Current Annualized Revenue Less Gas or Fuel Cost (K)	Revenue (N)				
1	AL	Private Area Lighting									
2											
3		Luminaires:									
4		100 W Standard High Pressure Sodium	182,498	7,299,840	\$5.29	\$965,404	\$965,404	12.45%	\$357,892	37.05%	37.05%
5		150 W Standard High Pressure Sodium	22,291	1,315,169	\$5.71	\$127,282	\$127,282	1.64%	\$51,938	40.81%	40.81%
6		200 W Standard High Pressure Sodium	37,567	3,155,628	\$6.93	\$260,339	\$260,339	3.36%	\$83,023	31.69%	31.69%
7		250 W Standard High Pressure Sodium	2,123	218,669	\$7.14	\$16,158	\$16,158	0.20%	\$6,242	41.18%	41.18%
8		400 W Standard High Pressure Sodium	48,311	8,067,937	\$8.71	\$420,789	\$420,789	5.43%	\$100,487	23.88%	23.88%
9		100 W Post Top High Pressure Sodium	39,510	1,580,400	\$11.33	\$447,648	\$447,648	5.77%	\$96,404	21.64%	21.64%
10		150 W Post Top High Pressure Sodium	126,465	7,461,435	\$11.76	\$1,487,228	\$1,487,228	19.18%	\$274,429	18.45%	18.45%
11		100 W Cut Off High Pressure Sodium	1,546	61,920	\$8.37	\$12,957	\$12,957	0.17%	\$0	0.00%	0.00%
12		250 W Cut Off High Pressure Sodium	1,507	155,221	\$11.33	\$17,074	\$17,074	0.22%	\$0	0.00%	0.00%
13		400 W Cut Off High Pressure Sodium	1,888	281,896	\$12.61	\$21,286	\$21,286	0.27%	\$912	4.28%	4.28%
14		100 W Standard Mercury Vapor	3,486	149,898	\$5.90	\$20,567	\$20,567	0.27%	\$8,471	41.19%	41.19%
15		175 W Standard Mercury Vapor	40,682	2,929,104	\$6.37	\$259,144	\$259,144	3.34%	\$52,480	20.25%	20.25%
16		400 W Standard Mercury Vapor	7,293	1,152,294	\$9.35	\$68,190	\$68,190	0.88%	\$3,355	4.92%	4.92%
17		175 W Post Top Mercury Vapor	2,876	207,072	\$11.89	\$34,196	\$34,196	0.44%	\$3,969	11.61%	11.61%
18		Total				\$4,157,262	\$4,157,262	53.62%	\$1,039,401	25.00%	25.00%
19											
20		Floodlights:									
21		100 W Standard High Pressure Sodium	19,311	772,440	5.67	\$109,493	\$109,493	1.41%	\$48,278	44.09%	44.09%
22		200 W Standard High Pressure Sodium	276	23,184	7.69	\$2,122	\$2,122	0.03%	\$392	18.47%	18.47%
23		250 W Standard High Pressure Sodium	25,388	2,614,964	7.33	\$186,094	\$186,094	2.40%	\$88,098	47.34%	47.34%
24		400 W Standard High Pressure Sodium	73,726	12,312,242	8.51	\$627,408	\$627,408	8.09%	\$119,899	18.92%	18.92%
25		1,000 W Standard High Pressure Sodium	0	0	11.54	\$0	\$0	0.00%	\$0	0.00%	0.00%
26		250 W Standard Mercury Vapor	252	25,200	9.15	\$2,306	\$2,306	0.03%	\$948	41.09%	41.09%
27		400 W Standard Mercury Vapor	420	86,360	14.48	\$6,082	\$6,082	0.08%	-\$882	-14.50%	-14.50%
28		1,000 W Standard Mercury Vapor	192	72,576	34.65	\$6,633	\$6,633	0.09%	-\$3,930	-59.08%	-59.08%
29		250 W Metal Halide	3,576	357,600	8.38	\$29,895	\$29,895	0.39%	\$7,939	26.56%	26.56%
30		400 W Metal Halide	25,294	3,996,452	9.11	\$230,428	\$230,428	2.97%	\$38,194	16.58%	16.58%
31		1,000 W Metal Halide	588	222,284	11.49	\$6,756	\$6,756	0.09%	\$3,305	48.91%	48.91%
32		Total				\$1,207,238	\$1,207,238	15.57%	\$301,037	24.94%	24.94%
33											
34		Special Contracts									
35		250 W Mercury Vapor	228	22,800	4.38	\$999	\$999	0.01%	\$1,945	194.75%	194.75%
36		250 W Mercury Vapor Cutoff	228	22,800	9.15	\$2,086	\$2,086	0.03%	\$857	41.09%	41.09%
37		1,000 W Mercury Vapor	48	18,144	34.65	\$1,663	\$1,663	0.02%	-\$983	-59.08%	-59.08%
38						\$4,748	\$4,748	0.06%	\$1,620	38.32%	38.32%
39		Other Equipment Charges:									
40		Each additional wood pole	150,464		\$2.19	\$329,516	\$329,516	4.25%	\$203,126	61.64%	61.64%
41		Each aluminum pole	359		\$11.99	\$4,300	\$4,300	0.06%	\$2,181	50.71%	50.71%
42		Each fiberglass pole	4,387		\$17.88	\$78,440	\$78,440	1.01%	\$0	0.00%	0.00%
43		Each additional 150 foot o/h wire span	253,823		\$0.71	\$180,215	\$180,215	2.32%	\$111,682	61.97%	61.97%
44		8 foot mastarm mounting	10,312		\$0.57	\$5,878	\$5,878	0.08%	\$3,609	61.40%	61.40%
45		12 foot mastarm mounting	5,988		\$1.00	\$5,988	\$5,988	0.08%	\$3,713	62.00%	62.00%
46		18 foot mastarm mounting	3,712		\$1.33	\$4,937	\$4,937	0.06%	\$3,044	61.65%	61.65%
47		20 foot mastarm mounting	4,956		\$2.33	\$11,549	\$11,549	0.15%	\$4,758	41.20%	41.20%
48		Each riser pole connection	1,419		\$3.52	\$4,994	\$4,994	0.06%	\$0	0.00%	0.00%
49		Underground wire lateral under 50 feet	356,141		\$1.05	\$373,948	\$373,948	4.82%	\$231,492	61.90%	61.90%
50		Total				\$999,765	\$999,765	12.90%	\$563,605	56.37%	56.37%
51											
52		Universal Service Fund Rider									
53		First 833,000 kWh		55,179,480	\$0.0019994	\$110,328	\$110,328				
54		All Excess kWh		0	\$0.0001830	\$0	\$0				
55		Total Charge				\$110,328	\$110,328	1.42%	\$23,826	21.60%	21.60%
56											
57		Advanced Energy Fund Rider	0		\$0.0895	\$0	\$0	0.00%	\$0	0.00%	0.00%

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Date: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WP E-4.1w - x

Schedule E-4.1
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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized		% of Revenue to Total (L)	Increase Less Gas or Fuel Costs (M=F-K)	% Increase in Revenue Less Fuel Cost Revenue (N=M+K)	Total Revenue % Increase (O)
						Current Annualized Revenue Less Gas or Fuel Cost Revenue (K)					
1	AL	Private Area Lighting									
2											
3		KWH Tax Rider									
4		First 2,000 kWh		50,187,172	\$0.00465	\$233,277					
5		Next 13,000 kWh		4,720,007	\$0.00419	\$19,777					
6		Excess kWh		155,189	\$0.00363	\$563					
7		Total Charge				\$253,618	3.27%		\$0	0.00%	0.00%
8											
9		Monongahela Power Litigation Termination Rider		55,042,368	\$0.0001229	\$6,765	0.06%		\$17	0.25%	0.25%
10											
11		Energy Efficiency and Peak Demand Rider		55,042,368	\$0.0000000	\$0	0.00%		\$0	0.00%	0.00%
12											
13		Economic Development Cost Recovery Rider			10.52455%	\$670,310	8.65%		\$128,974	18.94%	18.94%
14											
15		Enhanced Service Reliability Rider			2.82976%	\$180,228	2.32%		\$198,813	110.31%	110.31%
16											
17		gridSMART Rider			2.55030%	\$162,429	2.10%		-\$162,429	-100.00%	-100.00%
18											
19		Total AL	1,458,426	54,563,509		\$7,752,689	100.00%		\$2,093,064	27.00%	27.00%

Date Prepared: Feb. 28, 2011

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-361-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Data: 3 MOS Actual & 8 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

Schedule E-5
Page 49 of 76
Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E-D-C)	% Increase (F = E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I = D+G)	% Change (J = I-H)
1	R-R-1										
2	Summer		0 kWh	5.68	9.86	4.18	73.66%	-	5.68	9.86	73.66%
3			30 kWh	7.95	11.94	3.99	50.25%	1.07	9.02	13.01	44.30%
4			70 kWh	10.99	14.72	3.73	33.93%	2.48	13.48	17.21	27.66%
5			120 kWh	14.79	18.19	3.40	22.96%	4.27	19.06	22.46	17.82%
6			200 kWh	20.87	23.73	2.86	13.73%	7.12	27.99	30.86	10.23%
7			300 kWh	28.47	30.67	2.20	7.73%	10.68	39.15	41.35	5.62%
8			500 kWh	43.67	44.54	0.87	1.99%	17.80	61.47	62.34	1.42%
9			700 kWh	58.87	58.41	(0.46)	-0.78%	24.93	83.90	83.34	-0.55%
10											
11	R-R-1										
12	Winter		0 kWh	5.68	9.86	4.18	73.66%	-	5.68	9.86	73.66%
13			30 kWh	7.95	11.94	3.99	50.25%	1.07	9.02	13.01	44.30%
14			70 kWh	10.99	14.72	3.73	33.93%	2.48	13.48	17.21	27.66%
15			120 kWh	14.79	18.19	3.40	22.96%	4.27	19.06	22.46	17.82%
16			200 kWh	20.87	23.73	2.86	13.73%	7.12	27.99	30.86	10.23%
17			300 kWh	28.47	30.67	2.20	7.73%	10.68	39.15	41.35	5.62%
18			500 kWh	43.67	44.54	0.87	1.99%	17.80	61.47	62.34	1.42%
19			700 kWh	58.87	58.41	(0.46)	-0.78%	24.93	83.90	83.34	-0.55%
20			800 kWh	66.47	65.35	(1.12)	-1.69%	28.49	94.96	93.83	-1.18%
21			1,000 kWh	72.39	74.89	2.50	3.46%	35.61	108.00	110.50	2.32%
22			1,200 kWh	79.79	86.83	7.04	8.82%	44.51	124.30	131.34	5.66%
23			1,500 kWh	87.19	98.76	11.57	13.27%	53.41	140.60	152.17	8.23%
24			2,000 kWh	101.99	122.63	20.64	20.23%	71.22	173.21	183.84	11.91%
25			4,000 kWh	160.26	217.17	56.91	35.51%	142.43	302.69	359.61	18.80%
26			5,000 kWh	186.40	264.45	78.05		178.04	367.44	442.49	20.42%

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Date: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

Schedule E-5
Page 50 of 76
Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F=E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H=C+G)	Proposed Total Bill Including Fuel (I=D+G)	% Change (J=I-H)
1	RR										
2	Summer		0 kWh	5.68	9.86	4.18	73.66%	-	5.68	9.86	73.66%
3			30 kWh	8.25	12.15	3.90	47.28%	1.07	9.32	13.22	41.86%
4			70 kWh	11.67	15.20	3.53	30.25%	2.49	14.16	17.69	24.92%
5			120 kWh	15.86	19.01	3.05	19.12%	4.27	20.23	23.28	15.08%
6			200 kWh	22.81	25.11	2.30	10.08%	7.12	29.93	32.23	7.69%
7			300 kWh	31.38	32.73	1.35	4.31%	10.68	42.08	43.41	3.21%
8			500 kWh	49.51	47.98	(0.53)	-1.10%	17.80	66.31	65.78	-0.80%
9			800 kWh	74.22	70.84	(3.38)	-4.56%	28.49	102.71	98.33	-3.29%
10			1,000 kWh	91.35	86.09	(5.26)	-5.76%	35.61	126.96	121.70	-4.14%
11			1,200 kWh	108.49	101.34	(7.15)	-6.59%	42.73	151.22	144.07	-4.73%
12			1,500 kWh	134.19	124.20	(9.99)	-7.44%	53.41	187.60	177.62	-5.32%
13			2,000 kWh	177.03	162.32	(14.71)	-8.31%	71.22	248.25	233.53	-5.93%
14			4,000 kWh	347.48	313.85	(33.61)	-9.67%	142.43	489.89	458.28	-6.86%
15			5,000 kWh	432.67	389.61	(43.06)	-9.95%	178.04	610.71	567.68	-7.05%
16			8,000 kWh	686.32	616.91	(71.41)	-10.37%	284.87	971.19	901.78	-7.34%
17			10,000 kWh	858.75	768.44	(90.31)	-10.52%	356.09	1,214.84	1,124.53	-7.43%
18											
19	RR										
20	Winter		0	5.68	9.86	4.18	73.66%	-	5.68	9.86	73.66%
21			30	8.25	12.15	3.90	47.28%	1.07	9.32	13.22	41.86%
22			70	11.67	15.20	3.53	30.25%	2.49	14.16	17.69	24.92%
23			120	15.86	19.01	3.05	19.12%	4.27	20.23	23.28	15.08%
24			200	22.81	25.11	2.30	10.08%	7.12	29.93	32.23	7.68%
25			300	31.38	32.73	1.35	4.31%	10.68	42.08	43.41	3.21%
26			500	48.51	47.98	(0.53)	-1.10%	17.80	66.31	65.78	-0.80%
27			800	74.22	70.84	(3.38)	-4.56%	28.49	102.71	98.33	-3.29%
28			1,000	89.14	80.39	(8.75)	-9.71%	35.61	124.75	118.00	-5.39%
29			1,200	86.06	86.94	0.88	1.01%	42.73	128.79	132.67	3.01%
30			1,500	94.93	104.26	9.33	9.83%	53.41	148.34	157.67	6.29%
31			2,000	109.73	128.13	18.40	16.76%	71.22	180.95	199.34	10.17%

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Data: 3 MOS Actual & 6 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

Schedule E-5
Page 51 of 76
Witness Responsible: T. Zelma / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F=E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I = D+G)	% Change (J = H-I)
1	RR		4,000	168.01	222.67	54.66	32.54%	142.43	310.44	365.11	17.61%
2	Winter		5,000	197.15	289.95	72.80	36.92%	178.04	375.19	447.99	19.40%
3			8,000	284.56	411.77	127.21	44.70%	284.87	569.43	690.64	22.34%
4			10,000	342.84	506.31	163.47	47.88%	356.09	698.93	862.40	23.39%
5	RR										
6	(SWH)		500	33.74	39.43	5.69	16.86%	17.80	51.54	57.23	11.04%
7	Summer		800	59.44	62.30	2.86	4.81%	28.49	87.93	90.78	3.25%
8			1,000	76.58	77.54	0.96	1.26%	35.61	112.19	113.15	0.86%
9			1,500	119.41	94.48	(24.93)	-20.88%	53.41	172.82	147.89	-14.42%
10			2,000	162.25	106.13	(56.12)	-34.59%	71.22	233.47	177.34	-24.04%
11			4,000	332.68	151.79	(180.89)	-54.37%	142.43	475.11	294.22	-38.07%
12			6,000	503.12	197.45	(305.67)	-60.75%	213.65	716.77	411.10	-42.65%
13			8,000	673.55	243.12	(430.43)	-63.91%	284.87	958.42	527.98	-44.91%
14											
15			500	33.74	39.43	5.69	16.86%	17.80	51.54	57.23	11.04%
16			800	54.52	59.45	4.93	9.04%	28.49	83.01	87.93	5.94%
17			1,000	71.65	74.68	3.04	4.25%	35.61	107.28	110.30	2.84%
18			1,500	114.49	96.93	(17.56)	-15.34%	53.41	167.90	150.34	-10.46%
19			2,000	157.33	108.57	(48.76)	-30.99%	71.22	228.55	179.79	-21.33%
20			4,000	327.76	134.23	(193.53)	-59.08%	142.43	470.19	296.67	-36.91%
21			6,000	498.19	199.90	(298.29)	-59.88%	213.65	711.84	413.55	-41.90%
22			8,000	668.62	245.56	(423.06)	-63.27%	284.87	953.49	530.43	-44.37%
23											
24			500	33.74	39.43	5.69	16.86%	17.80	51.54	57.23	11.04%
25			800	49.59	56.60	7.01	14.13%	28.49	78.08	85.09	8.96%
26			1,000	66.73	71.84	5.11	7.66%	35.61	107.45	107.34	-0.01%
27			1,500	109.56	98.37	(11.19)	-10.19%	53.41	162.97	162.78	-0.12%
28			2,000	152.40	111.02	(41.38)	-27.16%	71.22	223.62	182.23	-18.51%
29			4,000	322.83	156.68	(166.15)	-51.47%	142.43	465.26	299.11	-35.71%
30			6,000	493.27	202.34	(290.93)	-58.98%	213.65	708.92	415.99	-41.15%
31			8,000	663.70	248.00	(415.70)	-62.63%	284.87	948.57	532.87	-43.82%
32			10,000	834.13	293.67	(540.46)	-64.79%	356.09	1,190.22	649.75	-45.41%
33											

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-381-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

Schedule E-5
Page 62 of 76
Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F=E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H=C+G)	Proposed Total Bill Including Fuel (I=D+G)	% Change (J=I/H)
1	RR										
2	(SWH)	80 gal.	500	33.74	39.43	5.69	16.86%	17.80	51.54	57.23	11.04%
3	Winter	80 gal.	800	59.44	62.30	2.86	4.81%	28.49	87.93	90.78	3.25%
4		80 gal.	1,000	76.58	77.54	0.96	1.26%	35.61	112.19	113.15	0.86%
5		80 gal.	1,500	96.33	104.26	7.93	8.23%	53.41	149.74	157.67	5.29%
6		80 gal.	2,000	111.13	128.13	17.00	15.29%	71.22	182.35	199.34	9.32%
7		80 gal.	4,000	169.41	222.67	53.26	31.44%	142.43	311.84	365.11	17.08%
8		80 gal.	6,000	227.68	317.22	89.54	39.33%	213.65	441.33	530.87	20.29%
9		80 gal.	8,000	285.96	411.77	125.81	43.99%	284.87	570.83	696.64	22.04%
10											
11		100 gal.	500	33.74	39.43	5.69	16.86%	17.80	51.54	57.23	11.04%
12		100 gal.	800	54.52	59.45	4.93	9.04%	28.49	83.01	87.93	5.94%
13		100 gal.	1,000	71.85	74.69	3.04	4.25%	35.61	107.26	110.30	2.84%
14		100 gal.	1,500	97.67	104.26	6.59	6.75%	53.41	151.08	157.67	4.36%
15		100 gal.	2,000	112.46	128.13	15.67	13.93%	71.22	183.68	199.34	8.53%
16		100 gal.	4,000	170.74	222.67	51.93	30.42%	142.43	313.17	365.11	16.59%
17		100 gal.	6,000	228.02	317.22	89.20	38.51%	213.65	442.67	530.87	19.92%
18		100 gal.	8,000	287.29	411.77	124.48	43.33%	284.87	572.16	696.64	21.76%
19											
20		120 gal.	500	33.74	39.43	5.69	16.86%	17.80	51.54	57.23	11.04%
21		120 gal.	800	49.59	56.60	7.01	14.13%	28.49	78.08	85.09	8.98%
22		120 gal.	1,000	66.73	71.84	5.11	7.66%	35.61	102.34	107.45	5.00%
23		120 gal.	1,500	98.35	104.26	5.91	6.01%	53.41	151.76	157.67	3.89%
24		120 gal.	2,000	113.15	128.13	14.98	13.23%	71.22	184.37	199.34	8.12%
25		120 gal.	4,000	171.42	222.67	51.25	29.90%	142.43	313.85	365.11	16.33%
26		120 gal.	6,000	228.70	317.22	88.52	38.10%	213.65	443.35	530.87	18.74%
27		120 gal.	8,000	287.98	411.77	123.79	42.98%	284.87	572.85	696.64	21.61%
28		120 gal.	10,000	346.25	506.31	160.06	46.23%	356.09	702.34	862.40	22.79%

COLUMBIUS SOUTHERN POWER COMPANY
Case No. 11-361-EL-AJR
Typical Bill Comparison
(Electric and Gas Utilities)

Data: 3 MOS Actual & 3 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

Schedule E-5
Page 53 of 76
Witness Responsible: T. Zellina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E-D-C)	% Increase (F = E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I = D+G)	% Change (J = E+H)
1	R/LM										
2	Summer	5	500	50.68	55.46	4.78	9.43%	17.80	68.48	73.26	6.98%
3		5	1,500	105.60	101.10	(4.50)	-4.26%	53.41	159.01	154.51	-2.83%
4		5	2,500	150.57	145.83	(4.74)	-3.15%	89.02	239.59	234.86	-1.98%
5		10	1,000	91.76	100.18	8.42	9.17%	36.61	127.37	136.79	6.61%
6		10	3,000	199.22	190.39	(8.83)	-4.43%	108.83	306.05	297.22	-2.89%
7		10	5,000	286.70	279.40	(7.30)	-3.22%	178.04	466.74	457.44	-1.99%
8		20	2,000	171.99	189.01	17.02	8.89%	71.22	243.21	260.22	7.00%
9		20	6,000	366.99	368.51	1.52	0.41%	213.65	580.64	582.16	0.26%
10		20	10,000	564.95	546.53	(18.42)	-3.26%	356.09	921.04	892.61	-3.14%
11		30	3,000	251.77	277.37	25.60	10.17%	106.83	358.60	384.20	7.14%
12		30	9,000	672.76	646.83	(25.93)	-3.85%	320.48	993.24	967.11	-2.63%
13		30	15,000	841.21	813.85	(27.36)	-3.25%	534.13	1,375.34	1,347.78	-2.00%
14		40	4,000	331.54	365.74	34.20	10.32%	142.43	473.97	508.17	7.22%
15		40	12,000	759.54	724.75	(34.79)	-4.58%	427.30	1,186.84	1,152.05	-2.93%
16		40	20,000	1,114.66	1,077.98	(36.68)	-3.29%	712.17	1,826.83	1,790.15	-2.01%
17		50	5,000	411.32	454.11	42.79	10.40%	178.04	589.36	632.15	7.26%
18		50	15,000	946.31	902.87	(43.44)	-4.59%	534.13	1,480.44	1,437.00	-2.93%
19		50	25,000	1,368.12	1,342.31	(25.81)	-1.89%	890.22	2,278.34	2,232.52	-2.01%
20	R/LM										
21	Winter	5	500	50.68	55.46	4.78	9.43%	17.80	68.48	73.26	6.98%
22		5	1,500	100.92	96.42	(4.50)	-4.46%	53.41	154.33	149.83	-2.92%
23		5	2,500	139.65	134.91	(4.74)	-3.39%	89.02	228.67	223.93	-2.07%
24		10	1,000	83.94	97.89	13.95	16.38%	36.61	119.55	133.29	11.50%
25		10	3,000	166.41	173.55	7.14	4.29%	106.83	273.24	280.38	2.61%
26		10	5,000	243.41	250.08	6.67	2.74%	178.04	421.45	428.12	1.58%
27		20	2,000	132.92	176.55	43.63	32.82%	71.22	204.14	247.76	21.37%
28		20	6,000	266.93	327.36	60.43	22.64%	213.65	510.58	541.01	5.96%
29		20	10,000	450.83	480.41	29.58	6.54%	396.09	807.02	836.50	3.65%

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s):

Schedule E-5
Page 54 of 78
Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F=E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H=C+G)	Proposed Total Bill Including Fuel (I=D+G)	% Change (J=H-I)
1	RLM	30	3,000	181.43	254.86	73.52	40.52%	106.83	288.26	361.77	25.50%
2	Winter	30	8,000	427.45	481.17	53.72	12.57%	320.48	747.93	801.65	7.18%
3		30	15,000	698.45	710.75	12.30	1.74%	534.13	1,192.58	1,244.88	4.39%
4		40	4,000	229.95	333.35	103.40	44.97%	142.43	372.38	475.78	27.77%
5		40	12,000	557.97	634.98	77.01	13.80%	427.30	985.27	1,062.28	7.82%
6		40	20,000	863.17	938.28	75.11	8.70%	712.17	1,575.34	1,650.46	4.77%
7		50	5,000	278.46	411.75	133.29	47.87%	178.04	456.50	589.79	29.20%
8		50	15,000	688.50	788.78	100.29	14.57%	534.13	1,222.63	1,322.92	8.20%
9		50	25,000	1,087.90	1,165.82	87.92	9.17%	880.22	1,968.12	2,056.03	5.00%
10	RS-ES										
11	Peak - 13%		1,000	56.86	74.68	18.02	31.80%	35.61	92.27	110.28	19.52%
12	Off Peak - 87%		2,000	104.66	138.52	33.86	32.35%	71.22	175.86	209.73	19.25%
13			3,000	152.20	201.90	49.70	32.65%	106.83	259.03	306.72	19.19%
14			4,000	199.75	285.28	85.53	32.80%	142.43	342.18	407.71	19.15%
15			5,000	247.29	328.66	81.37	32.90%	178.04	426.33	506.70	19.13%
16			6,000	294.83	392.04	97.21	32.97%	213.65	508.48	605.69	19.12%
17			7,000	342.38	456.42	113.04	33.02%	249.26	591.64	704.68	19.11%
18			8,000	389.92	518.80	128.88	33.05%	284.87	674.79	803.67	19.10%
19	RS-ES										
20	Peak - 18%		1,000	61.11	75.91	14.80	24.22%	35.61	96.72	111.52	15.30%
21	Off Peak - 82%		2,000	113.57	140.99	27.42	24.14%	71.22	168.79	212.20	14.84%
22			3,000	166.56	205.60	40.04	24.16%	106.83	272.38	312.43	14.70%
23			4,000	217.56	270.22	52.66	24.20%	142.43	359.99	412.65	14.63%
24			5,000	269.56	334.83	65.27	24.21%	178.04	447.60	512.87	14.58%
25			6,000	321.55	399.45	77.90	24.23%	213.65	535.20	613.10	14.55%
26			7,000	373.55	464.06	90.51	24.23%	249.26	622.81	713.32	14.53%
27			8,000	425.55	528.68	103.13	24.23%	284.87	710.42	813.55	14.52%
28											
29											

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Data: 3 MOS Actual & 6 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

Schedule E-5
Page 55 of 76
Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F=E+C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H=C+G)	Proposed Total Bill Including Fuel (I=D+G)	% Change (J=I-H)
1	RS-ES										
2	Peak - 30%		1,000	71.80	78.87	7.07	9.85%	35.61	107.41	114.48	6.59%
3	Off Peak - 70%		2,000	134.94	146.91	11.97	8.87%	71.22	206.16	218.13	5.81%
4			3,000	187.63	214.48	26.85	14.33%	106.83	304.46	321.32	5.54%
5			4,000	280.31	282.07	1.76	0.63%	142.43	402.74	424.80	5.40%
6			5,000	323.00	349.65	26.65	8.25%	178.04	501.04	527.89	5.33%
7			6,000	385.68	417.23	31.55	8.18%	213.65	599.33	630.88	5.20%
8			7,000	448.37	484.81	36.44	8.13%	249.26	697.63	734.07	5.22%
9			8,000	611.05	552.38	41.33	6.76%	284.87	795.92	837.25	5.19%
10	GS-1										
11	Unmetered		50	9.91	11.54	1.63	16.47%	1.63	11.54	13.18	14.14%
12			100	13.09	14.89	1.80	13.74%	3.27	16.36	18.16	10.99%
13			150	16.28	18.23	1.95	12.01%	4.80	21.18	23.14	9.23%
14			200	19.47	21.58	2.11	10.84%	6.54	26.01	28.12	8.12%
15			400	32.22	34.87	2.65	8.25%	13.07	45.28	48.04	6.06%
16			700	51.34	55.04	3.70	7.22%	22.87	74.21	77.92	4.99%
17			1,000	70.47	75.12	4.65	6.60%	32.66	103.15	107.80	4.51%
18			1,500	102.35	108.59	6.24	6.09%	49.02	151.37	157.60	4.12%
19			2,000	134.22	142.05	7.83	5.83%	65.35	199.57	207.40	3.92%
20			4,000	260.81	274.98	14.17	5.43%	130.71	391.52	405.69	3.62%
21											
22											
23											
24	GS-1		200	28.98	29.93	0.95	3.27%	6.54	35.52	36.46	2.67%
25			400	48.30	49.89	1.59	3.29%	13.07	61.37	62.96	2.60%
26			600	67.63	69.85	2.22	3.28%	19.61	87.24	89.46	2.55%
27			800	86.96	89.81	2.85	3.28%	26.14	113.10	115.95	2.52%
28			1,000	106.28	109.78	3.50	3.28%	32.68	138.96	142.45	2.52%
29			1,200	119.11	123.23	4.12	3.46%	39.21	158.32	162.45	2.61%
30			1,600	144.76	160.15	15.39	10.63%	62.28	207.04	222.43	7.46%
31			1,800	157.58	163.81	6.03	3.83%	58.82	216.40	222.43	2.79%
32			2,000	170.41	177.07	6.66	3.91%	65.35	235.76	242.43	2.83%

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Date: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s):

Schedule E-5
Page 56 of 76
Witness Responsible: T. Zeitra / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F=E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H=C+G)	Proposed Total Bill Including Fuel (I=D+G)	% Change (J=I-H)
1	GS-1		2,400	195.87	203.81	7.94	4.05%	78.43	274.30	282.23	2.89%
2			3,000	234.07	243.91	9.84	4.20%	98.03	332.10	341.94	2.96%
3			3,200	246.80	257.27	10.47	4.24%	104.57	351.37	361.84	2.86%
4			4,000	297.73	310.74	13.01	4.37%	130.71	428.44	441.45	3.04%
5											
6											
7	GS-2										
8	Secondary	10	2,500	222.86	240.87	18.01	8.08%	87.05	309.91	327.92	5.81%
9		10	3,000	234.74	272.56	17.82	7.00%	104.46	339.20	377.03	4.96%
10		50	12,500	1,060.26	1,137.94	77.68	7.32%	435.26	1,495.54	1,573.21	5.19%
11		50	15,000	1,219.68	1,296.43	76.75	6.28%	522.32	1,742.00	1,818.74	4.41%
12		100	25,000	2,101.45	2,253.69	152.24	7.24%	870.53	2,971.98	3,124.22	5.12%
13		100	30,000	2,417.46	2,587.86	170.40	6.22%	1,044.63	3,462.09	3,612.49	4.34%
14		250	62,500	5,220.79	5,598.73	377.94	7.20%	2,176.32	7,397.11	7,773.05	5.08%
15		250	75,000	6,010.79	6,382.14	371.35	6.18%	2,811.58	8,822.37	9,193.73	4.31%
16		500	125,000	10,418.67	11,188.48	769.81	7.19%	4,352.64	14,771.31	15,521.09	5.07%
17		500	150,000	11,989.69	12,739.29	749.60	6.16%	5,223.17	17,212.86	17,962.46	4.29%
18		750	187,500	15,618.56	16,740.19	1,121.63	7.18%	6,528.96	22,147.52	23,269.14	5.06%
19		750	225,000	17,988.58	19,096.44	1,107.86	6.16%	7,834.75	25,823.33	26,931.19	4.28%
20		1,000	250,000	20,817.45	22,311.92	1,494.47	7.19%	8,705.28	29,522.73	31,017.19	5.06%
21		1,000	300,000	23,977.48	25,453.59	1,476.11	6.16%	10,446.33	34,423.81	35,899.92	4.28%
22		2,000	500,000	41,612.99	44,598.83	2,985.84	7.19%	17,410.55	59,023.54	62,009.38	5.06%
			600,000	47,863.05	50,882.17	2,999.12	6.15%	20,892.86	68,755.91	71,774.83	4.28%

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-361-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: b-Original Updated Revised
Work Paper Reference No(s):

Schedule E-5
Page 57 of 76
Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F=E+C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H=C+G)	Proposed Total Bill Including Fuel (I=D+G)	% Change (J=I-H)
1	GS-2										
2	Primary	50	5,000	644.04	839.52	(4.52)	-0.70%	174.11	818.15	813.63	-0.56%
3		50	8,750	879.75	873.85	(5.90)	-0.67%	304.88	1,184.43	1,178.54	-0.50%
4		50	12,500	1,115.46	1,108.19	(7.27)	-0.65%	435.26	1,550.72	1,543.45	-0.47%
5		100	10,000	1,163.40	1,217.05	63.65	5.52%	346.21	1,501.61	1,565.26	4.24%
6		100	17,500	1,623.42	1,684.31	60.89	3.75%	609.37	2,232.79	2,293.68	2.73%
7		100	25,000	2,080.63	2,148.78	68.15	2.78%	870.53	2,961.16	3,019.30	1.96%
8		250	25,000	2,675.87	2,944.02	268.15	10.02%	870.53	3,546.40	3,814.55	7.66%
9		250	43,750	3,843.92	4,105.18	261.26	6.80%	1,523.42	5,367.34	5,628.60	4.87%
10		250	62,500	5,011.97	5,266.34	254.37	5.08%	2,176.32	7,188.29	7,442.66	3.54%
11		500	50,000	5,208.67	5,817.64	608.97	11.69%	1,741.06	6,948.73	7,558.69	8.76%
12		500	87,500	7,544.77	8,139.97	595.20	7.89%	3,046.85	10,591.62	11,186.81	5.62%
13		500	125,000	9,880.86	10,462.29	581.43	5.88%	4,352.84	14,233.50	14,814.93	4.08%
14		1,000	100,000	10,274.27	11,584.88	1,290.61	12.56%	3,482.11	13,756.38	15,046.99	9.39%
15		1,000	175,000	14,946.45	16,209.53	1,263.08	8.45%	6,003.69	21,040.14	22,303.23	6.00%
16		1,000	250,000	19,618.64	20,854.19	1,235.55	6.30%	8,705.28	28,323.92	29,559.46	4.36%
17		1,500	160,000	15,339.86	17,312.12	1,972.26	12.86%	5,223.17	20,563.03	22,535.29	9.59%
18		1,500	262,500	22,348.14	24,279.10	1,930.96	8.64%	9,140.34	31,488.68	33,419.64	6.13%
19		1,500	375,000	29,366.43	31,246.08	1,880.65	6.44%	13,057.91	42,414.34	44,303.99	4.46%
20		2,000	200,000	20,405.45	23,059.37	2,653.92	13.01%	6,984.22	27,389.67	30,023.59	9.70%
21		2,000	350,000	29,749.83	32,348.67	2,598.84	8.74%	12,187.39	41,937.22	44,536.05	6.20%
22		2,000	500,000	39,084.21	41,637.97	2,553.76	6.51%	17,410.55	56,504.76	59,048.52	4.50%
23		3,000	300,000	30,536.64	34,553.86	4,017.21	13.16%	10,446.33	40,982.97	45,000.18	9.80%
24		3,000	48,487.81	44,553.21	48,487.81	3,934.60	8.83%	16,281.00	62,834.29	66,768.88	6.26%
25		3,000	750,000	58,589.77	62,421.76	3,831.99	6.56%	26,115.63	84,695.60	88,537.59	4.55%

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s):

Schedule E-5
Page 58 of 76
Witness Responsible: T. Zeina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I = D+G)	% Change (J = E+I)
1	GS-3										
2	Secondary	50	17,500	1,194.70	1,158.07	(36.63)	-3.07%	593.06	1,787.76	1,751.13	-2.05%
3		50	22,500	1,232.06	1,232.06	(36.46)	-3.03%	762.50	2,033.02	1,964.56	-1.89%
4		50	27,500	1,346.34	1,306.05	(40.28)	-2.99%	931.85	2,278.29	2,236.00	-1.77%
5		100	35,000	2,242.04	2,291.15	49.11	2.19%	1,186.12	3,428.16	3,477.27	1.43%
6		100	45,000	2,383.68	2,439.12	55.44	1.90%	1,525.01	3,918.69	3,964.13	1.16%
7		100	55,000	2,545.33	2,587.10	41.77	1.64%	1,863.90	4,409.23	4,451.00	0.95%
8		250	67,500	5,384.06	5,690.38	306.32	5.69%	2,985.30	8,349.36	8,655.67	3.67%
9		250	112,500	5,763.18	6,080.31	317.13	5.16%	3,812.52	9,575.70	9,872.84	3.10%
10		250	137,500	6,142.29	6,430.25	287.96	4.69%	4,669.75	10,802.04	11,090.00	2.67%
11		500	175,000	10,620.77	11,355.75	734.98	6.92%	5,930.59	16,551.36	17,286.35	4.44%
12		500	225,000	11,379.00	12,095.63	716.63	6.30%	7,625.05	19,004.05	19,720.68	3.77%
13		500	275,000	12,137.23	12,835.50	698.27	5.75%	8,319.50	21,456.73	22,155.01	3.25%
14		1,000	350,000	21,094.18	22,686.51	1,592.33	7.55%	11,951.19	32,955.37	34,547.70	4.83%
15		1,000	450,000	22,610.65	24,166.26	1,555.61	6.88%	15,250.10	37,860.75	39,416.36	4.11%
16		1,000	550,000	24,127.11	25,648.01	1,518.90	6.30%	18,639.01	42,766.12	44,285.02	3.55%
17		2,000	700,000	42,041.01	45,348.03	3,307.02	7.87%	23,722.37	65,763.39	69,070.40	5.03%
18		2,000	900,000	44,933.25	48,186.23	3,222.98	7.17%	30,500.19	75,433.44	78,656.42	4.27%
19		2,000	1,100,000	47,546.22	50,684.11	3,117.89	6.56%	36,563.66	84,824.23	87,942.12	3.68%
20		3,000	1,050,000	62,532.18	67,519.53	4,987.35	7.98%	45,750.29	108,282.42	113,269.82	4.61%
21		3,000	1,350,000	66,451.63	71,281.35	4,829.72	7.27%	55,917.02	122,368.65	127,198.37	3.94%
22		3,000	1,650,000	70,371.09	75,043.17	4,672.08	6.64%	65,917.02	136,288.11	141,964.19	4.19%
23		4,500	1,875,000	82,860.02	100,336.30	17,476.28	21.09%	68,625.43	151,485.45	177,961.73	17.50%
24		4,500	2,025,000	98,729.21	105,969.03	7,239.82	7.33%	83,875.52	182,604.73	190,044.55	4.08%
25		4,500	2,475,000	104,608.39	111,611.76	7,003.37	6.69%				

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-381-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Date: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

Schedule E-5
Page 56 of 76
Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F=E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H=C+G)	Proposed Total Bill Including Fuel (I=D+G)	% Change (J=I-H)
1	GS-3										
2	Primary	50	17,500	1,296.97	1,121.92	(175.05)	-13.50%	573.72	1,870.69	1,695.64	-9.36%
3		50	22,500	1,372.63	1,186.95	(185.68)	-12.89%	737.64	2,110.47	1,933.58	-8.38%
4		50	27,500	1,448.68	1,269.97	(178.72)	-12.34%	901.55	2,350.24	2,171.53	-7.60%
5		100	35,000	2,279.78	2,173.44	(106.34)	-4.66%	1,147.43	3,427.21	3,320.87	-3.10%
6		100	45,000	2,431.51	2,321.48	(110.02)	-4.52%	1,475.27	3,906.78	3,796.77	-2.82%
7		100	55,000	2,583.23	2,469.55	(113.68)	-4.40%	1,803.11	4,386.34	4,272.66	-2.59%
8		250	87,500	5,226.22	5,328.01	99.79	1.91%	2,868.58	8,096.80	8,186.59	1.23%
9		250	112,500	5,807.54	5,898.14	90.60	1.82%	3,868.18	9,295.72	9,386.32	0.97%
10		250	137,500	5,986.85	6,068.28	81.43	1.36%	4,507.77	10,494.62	10,576.05	0.78%
11		500	175,000	10,142.29	10,586.61	443.32	4.37%	5,737.17	15,879.46	16,322.78	2.79%
12		500	225,000	10,900.92	11,325.88	424.96	3.90%	7,376.36	18,277.28	18,702.24	2.33%
13		500	275,000	11,656.55	12,066.15	409.60	3.49%	9,015.55	20,672.10	21,081.70	1.97%
14		1,000	350,000	18,970.43	21,100.83	2,130.40	5.66%	11,474.33	30,444.76	32,575.16	3.59%
15		1,000	450,000	21,487.69	22,561.37	1,073.68	5.09%	14,752.71	36,240.40	37,334.08	3.02%
16		1,000	550,000	23,004.94	24,061.91	1,056.97	4.59%	18,031.08	41,036.03	42,083.00	2.58%
17		2,000	700,000	39,626.72	42,131.27	2,504.55	6.32%	22,948.66	62,575.38	65,079.63	4.00%
18		2,000	900,000	42,520.54	44,941.05	2,420.51	5.69%	29,503.42	72,023.96	74,446.47	3.36%
19		4,000	1,100,000	45,135.09	47,450.51	2,315.42	5.13%	36,062.18	81,197.27	83,512.69	2.85%
20		4,000	1,400,000	77,748.70	82,911.79	5,163.09	6.64%	45,897.32	123,646.02	128,809.11	4.18%
21		4,000	1,800,000	82,977.79	87,930.70	4,952.91	5.97%	59,010.84	141,988.63	146,941.54	3.49%
22		4,000	2,200,000	88,206.89	92,949.62	4,742.73	5.38%	72,124.36	160,331.25	165,073.98	2.96%
23		8,000	2,800,000	163,434.11	163,872.19	438.08	0.27%	91,794.64	255,228.83	255,666.83	0.17%
24		8,000	3,600,000	163,892.30	173,910.01	10,017.71	6.11%	118,021.68	281,913.98	291,931.69	3.55%
25		8,000	4,400,000	174,350.49	183,947.84	9,597.35	5.50%	144,248.72	318,599.21	328,196.56	3.01%
26		10,000	3,500,000	191,276.81	204,352.38	13,075.58	6.84%	114,743.30	306,020.11	319,095.69	4.27%
27		10,000	4,500,000	204,349.56	216,899.67	12,550.11	6.14%	147,527.10	351,876.66	364,426.77	3.57%
28		10,000	5,500,000	217,422.30	229,446.95	12,024.65	5.53%	180,310.90	397,733.20	409,757.85	3.02%

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-361-EL-AIR
Typical Btu Comparison
(Electric and Gas Utilities)

Date: 3 MOS Actual & 9 MOS Estimated
Type of Filing: b-Original Updated Revised
Work Paper Reference No(s):

Schedule E-5
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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F=E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H=C+G)	Proposed Total Bill Including Fuel (I=D+G)	% Change (J=I-H)
1	GS 4	3,000	600,000	49,226.77	28,692.56	(20,533.21)	-41.71%	18,435.30	67,661.07	47,127.86	-30.35%
2		3,000	1,200,000	66,567.32	34,778.90	(20,778.42)	-37.40%	36,870.60	92,427.92	71,649.50	-22.48%
3		3,000	1,800,000	61,399.61	40,338.10	(21,060.51)	-34.30%	55,305.90	116,705.51	95,645.00	-18.05%
4		5,000	1,000,000	69,024.40	46,823.16	(22,201.24)	-32.16%	30,725.50	99,749.90	77,548.66	-22.28%
5		5,000	2,000,000	78,761.56	56,080.16	(22,671.40)	-28.78%	61,451.00	140,212.56	117,541.16	-16.17%
6		5,000	3,000,000	89,496.72	65,357.16	(23,141.56)	-26.15%	92,176.50	180,675.22	157,533.66	-12.81%
7		8,000	1,600,000	97,988.48	73,229.85	(24,758.63)	-25.27%	49,160.80	147,148.28	122,390.65	-16.83%
8		8,000	3,200,000	113,567.93	88,057.05	(25,510.88)	-22.45%	98,321.60	211,889.53	186,378.65	-12.04%
9		8,000	4,800,000	129,147.39	102,884.25	(26,263.14)	-20.34%	147,482.40	276,629.79	250,366.65	-9.49%
10		10,000	2,000,000	117,297.86	90,834.31	(26,463.55)	-22.58%	61,451.00	178,748.86	152,285.31	-14.80%
11		10,000	4,000,000	136,772.18	109,368.31	(27,403.87)	-20.04%	122,902.00	259,674.18	232,270.31	-10.65%
12		10,000	6,000,000	156,246.50	127,902.31	(28,344.19)	-18.14%	184,343.00	340,589.50	312,255.31	-8.32%
13		15,000	3,000,000	166,574.32	134,846.46	(30,725.86)	-18.56%	92,176.50	257,747.82	227,021.96	-11.92%
14		15,000	8,000,000	194,782.80	162,646.46	(32,136.34)	-16.50%	184,353.00	379,135.80	346,999.46	-8.48%
15		15,000	9,000,000	223,894.27	180,447.46	(33,646.81)	-14.98%	276,629.60	600,623.77	488,976.68	-19.70%
16		20,000	4,000,000	213,844.78	178,856.61	(34,988.17)	-16.36%	122,902.00	336,746.78	301,759.61	-10.39%
17		20,000	8,000,000	252,793.41	215,924.61	(36,868.80)	-14.58%	245,804.00	498,697.41	461,728.61	-7.39%
18		20,000	12,000,000	291,742.05	252,992.61	(38,749.44)	-13.28%	368,706.00	660,448.05	621,699.61	-5.87%
19		30,000	8,000,000	310,391.69	266,878.91	(43,512.78)	-14.02%	184,353.00	494,744.69	451,231.91	-8.79%
20		30,000	12,000,000	368,814.64	322,480.91	(46,333.73)	-12.58%	368,706.00	737,520.64	691,186.91	-6.28%
21		30,000	18,000,000	427,237.60	378,082.91	(49,154.69)	-11.51%	553,059.00	980,296.60	931,141.91	-5.01%
22	AL										
23											
24	Lamp Size										
25	Mercury Vapor										
26	100 WATT	43		7.64	10.43	2.79	36.54%	1.97	9.61	12.40	29.05%
27	175 WATT	72		8.04	9.53	1.49	18.56%	3.30	11.34	12.83	13.16%
28	400 WATT	158		12.81	13.37	0.56	4.40%	7.23	20.04	20.61	2.81%
29	POST TOP 175 WATT	72		14.33	15.94	1.61	11.23%	3.30	17.63	19.24	9.13%
30	High Pressure Sodium										
31	100 WATT	40		7.50	9.75	2.25	30.01%	1.83	9.33	11.58	24.12%
32	150 WATT	59		8.53	11.20	2.67	31.36%	2.70	14.23	13.91	-23.82%
33	200 WATT	84		10.91	13.45	2.54	23.32%	3.95	17.86	17.30	-3.14%
34	250 WATT	103		11.56	14.94	3.38	29.27%	4.72	21.28	19.66	-7.43%
1	AL										
2	400 WATT	167		14.09	16.50	2.41	17.13%	7.65	21.74	24.15	11.10%
2	POST TOP 100 WATT	40		15.57	18.38	2.81	18.04%	1.83	17.40	20.21	16.14%

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-351-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

Schedule E-5
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Witness Responsible: T. Zellina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F=E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H=C+G)	Proposed Total Bill Including Fuel (I=D+G)	% Change (J=I-H)
3		POST TOP 150 WATT	59	16.72	16.23	2.51	15.00%	2.70	19.42	21.93	12.92%
4		CUT OFF 100 WATT	40	11.02	11.04	0.02	0.19%	1.83	12.85	12.87	0.16%
5		CUT OFF 250 WATT	103	17.63	17.67	0.04	0.22%	4.72	22.35	22.38	0.17%
6		CUT OFF 400 WATT	167	17.24	17.90	0.66	3.84%	7.65	24.89	25.55	2.69%
7											
8		FLOODLIGHT									
9		High Pressure Sodium									
10		100 WATT	40	8.09	10.96	2.87	35.48%	1.83	9.92	12.79	28.91%
11		250 WATT	103	13.60	17.59	3.99	29.31%	4.72	18.32	22.30	21.76%
12		400 WATT	167	18.06	19.93	1.88	10.42%	7.65	25.70	27.58	7.32%
13		1,000 WATT	376	47.57	55.78	8.21	17.25%	17.31	64.88	73.08	12.65%
14											
15		Metal Halide									
16		250 WATT	100	14.55	17.11	2.56	17.62%	4.58	19.13	21.69	13.40%
17		400 WATT	158	18.06	19.82	1.76	9.74%	7.23	25.29	27.05	6.95%
18		1,000 WATT	376	47.51	54.01	6.50	13.67%	17.31	64.82	71.31	10.02%
19											
20											
21		FACILITY CHARGES									
22		Mast Arm									
23		8 FT.	0	0.65	1.05	0.40	61.68%	-	0.65	1.05	61.68%
24		12 FT.	0	1.14	1.85	0.71	62.31%	-	1.14	1.85	62.31%
25		16 FT.	0	1.52	2.46	0.94	61.55%	-	1.52	2.46	61.55%
26		20 FT.	0	2.66	3.76	1.10	41.27%	-	2.66	3.76	41.27%
27											
28		Poles									
29		Wood	0	2.50	4.04	1.54	61.73%	-	2.50	4.04	61.73%
30		Aluminum	0	13.67	20.64	6.97	50.98%	-	13.67	20.64	50.98%
31		Fiberglass	0	20.39	20.42	0.03	0.16%	-	20.39	20.42	0.16%
32											
33		Each additional 150 foot overhead wire span	0	0.81	1.31	0.50	62.16%	-	0.81	1.31	62.16%
34		Each additional riser pole connection	0	4.01	4.02	0.01	0.26%	-	4.01	4.02	0.26%
35		Each underground lateral not over 50 feet	0	1.20	1.94	0.74	61.81%	-	1.20	1.94	61.81%

COLUMBUS SOUTHERN POWER COMPANY
Case No. 11-361-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: > Original ___ Updated ___ Revised
Work Paper Reference No(s):

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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F=E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H=C+G)	Proposed Total Bill Including Fuel (I=D+G)	% Change (J=I-H)
1	SL	High Pressure Sodium									
2		100 WATT	40	10.20	10.26	0.06	0.61%	1.60	11.80	11.86	0.52%
3		150 WATT	59	11.42	11.66	0.24	2.11%	2.36	13.78	14.02	1.75%
4		200 WATT	84	14.13	13.35	(0.78)	-5.49%	3.36	17.49	16.72	-4.43%
5		250 WATT	103	15.47	14.23	(1.24)	-8.03%	4.13	19.60	18.35	-6.34%
6		400 WATT	167	17.69	17.47	(0.22)	-1.22%	6.69	24.38	24.16	-0.89%
7		CUT OFF 100 WATT	40	13.46	12.21	(1.25)	-9.25%	1.60	15.06	13.82	-8.27%
8		CUT OFF 250 WATT	103	20.67	19.44	(1.23)	-5.97%	4.13	24.80	23.56	-4.98%
9		CUT OFF 400 WATT	167	26.16	24.94	(1.22)	-4.65%	6.69	32.85	31.63	-3.70%
10		Mercury Vapor									
11		100 WATT	43	9.58	9.32	(0.26)	-2.67%	1.72	11.30	11.05	-2.26%
12		175 WATT	72	10.92	10.81	(0.11)	-0.99%	2.88	13.80	13.70	-0.79%
13		400 WATT	158	16.74	17.36	0.62	3.72%	6.33	23.07	23.69	2.70%
14											
15											
16		FACILITY CHARGES									
17		Maet Arm									
18		12 FT.	0	1.14	1.34	0.20	17.22%	-	1.14	1.34	17.22%
19		16 FT.	0	1.52	1.78	0.26	17.22%	-	1.52	1.78	17.22%
20		20 FT.	0	2.66	3.05	0.39	14.65%	-	2.66	3.05	14.65%
21											
22		Poles									
23		Wood	0	1.30	1.53	0.23	17.73%	-	1.30	1.53	17.73%
24		Aluminum	0	13.50	15.89	2.39	17.69%	-	13.50	15.89	17.69%
25		Fiberglass	0	20.13	20.16	0.03	0.14%	-	20.13	20.16	0.14%
26											
27		Each additional 150 foot overhead wire span	0	0.76	0.90	0.14	18.72%	-	0.76	0.90	18.72%
28		Each additional riser pole connection	0	3.90	3.91	0.01	0.16%	-	3.90	3.91	0.16%
29		Each underground lateral not over 50 feet	0	1.24	1.46	0.22	17.90%	-	1.24	1.46	17.90%

POST-MERGER OHIO POWER COMPANY - COLUMBUS SOUTHERN POWER RATE AREA
Case No. 11-351-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Date: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

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Witness Responsible: T. Zeina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I = D+G)	% Change (J = E/H)
1	R-R-1										
2	Summer		0 kWh	5.68	9.86	4.18	73.66%				
3			30 kWh	7.95	11.94	3.99	50.25%	1.07	5.68	9.86	73.66%
4			70 kWh	10.99	14.72	3.73	33.93%	2.49	9.02	13.01	44.30%
5			120 kWh	14.79	18.19	3.40	22.96%	4.27	13.48	17.21	27.66%
6			200 kWh	20.87	23.73	2.86	13.73%	7.12	18.06	22.46	17.62%
7			300 kWh	28.47	30.67	2.20	7.73%	10.68	27.99	30.86	10.23%
8			500 kWh	43.67	44.54	0.87	1.99%	17.80	39.15	41.35	5.62%
9			700 kWh	58.87	58.41	(0.46)	-0.78%	24.93	61.47	62.34	1.42%
10									83.80	83.34	-0.55%
11	R-R-1										
12	Winter		0 kWh	5.68	9.86	4.18	73.66%				
13			30 kWh	7.95	11.94	3.99	50.25%	1.07	5.68	9.86	73.66%
14			70 kWh	10.99	14.72	3.73	33.93%	2.49	9.02	13.01	44.30%
15			120 kWh	14.79	18.19	3.40	22.96%	4.27	13.48	17.21	27.66%
16			200 kWh	20.87	23.73	2.86	13.73%	7.12	18.06	22.46	17.62%
17			300 kWh	28.47	30.67	2.20	7.73%	10.68	27.99	30.86	10.23%
18			500 kWh	43.67	44.54	0.87	1.99%	17.80	39.15	41.35	5.62%
19			700 kWh	58.87	58.41	(0.46)	-0.78%	24.93	61.47	62.34	1.42%
20			800 kWh	66.47	65.35	(1.12)	-1.69%	28.49	83.80	83.34	-0.55%
21			1,000 kWh	72.39	74.89	2.50	3.46%	35.61	94.86	98.83	4.20%
22			1,250 kWh	79.79	86.83	7.04	8.82%	44.51	108.00	110.50	2.32%
23			1,500 kWh	87.19	98.76	11.57	13.27%	53.41	124.30	131.34	5.66%
24			2,000 kWh	101.99	122.63	20.64	20.23%	71.22	140.60	152.17	8.23%
25			4,000 kWh	160.26	217.17	56.91	35.51%	142.43	262.89	359.61	18.80%
26			5,000 kWh	189.40	264.45	75.05		178.04	367.44	442.49	20.42%

POST-MERGER OHIO POWER COMPANY - COLUMBIUS SOUTHERN POWER RATE AREA
Case No. 11-351-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Data: 3 MOS Actual & 3 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

Schedule E-5
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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F=E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H=C+G)	Proposed Total Bill Including Fuel (I=D+G)	% Change (J=I-H)
1	RR										
2	Summer		0 kWh	5.68	9.86	4.18	73.66%	-	5.68	9.86	73.66%
3			30 kWh	8.25	12.15	3.90	47.26%	1.07	6.32	13.22	41.85%
4			70 kWh	11.67	15.20	3.53	30.25%	2.49	14.16	17.69	24.92%
5			120 kWh	15.96	19.01	3.05	19.12%	4.27	20.23	23.28	15.08%
6			200 kWh	22.81	25.11	2.30	10.09%	7.12	29.93	32.23	7.68%
7			300 kWh	31.38	32.73	1.35	4.31%	10.88	42.06	43.41	3.21%
8			500 kWh	48.51	47.98	(0.53)	-1.10%	17.80	66.31	65.78	-0.80%
9			800 kWh	74.22	70.84	(3.38)	-4.56%	28.49	102.71	99.33	-3.29%
10			1,000 kWh	91.35	86.09	(5.26)	-5.76%	35.61	126.96	121.70	-4.14%
11			1,200 kWh	108.49	101.34	(7.15)	-6.59%	42.73	151.22	144.07	-4.73%
12			1,500 kWh	134.19	124.20	(9.99)	-7.44%	53.41	187.60	177.62	-5.32%
13			2,000 kWh	177.03	162.32	(14.71)	-8.31%	71.22	248.25	235.53	-5.93%
14			4,000 kWh	347.46	313.85	(33.61)	-9.67%	142.43	489.89	456.28	-6.86%
15			5,000 kWh	432.67	389.61	(43.06)	-9.95%	178.04	610.71	567.66	-7.05%
16			8,000 kWh	688.32	616.91	(71.41)	-10.37%	284.87	973.19	901.78	-7.34%
17			10,000 kWh	859.75	769.44	(90.31)	-10.52%	366.09	1,214.84	1,124.53	-7.43%
18	RR										
19											
20	Winter		0	5.68	9.86	4.18	73.66%	-	5.68	9.86	73.66%
21			30	8.25	12.15	3.90	47.26%	1.07	6.32	13.22	41.85%
22			70	11.67	15.20	3.53	30.25%	2.49	14.16	17.69	24.92%
23			120	15.96	19.01	3.05	19.12%	4.27	20.23	23.28	15.08%
24			200	22.81	25.11	2.30	10.09%	7.12	29.93	32.23	7.68%
25			300	31.38	32.73	1.35	4.31%	10.88	42.06	43.41	3.21%
26			500	48.51	47.98	(0.53)	-1.10%	17.80	66.31	65.78	-0.80%
27			800	74.22	70.84	(3.38)	-4.56%	28.49	102.71	99.33	-3.29%
28			1,000	80.14	80.39	0.25	0.31%	35.61	115.75	116.00	0.22%
29			1,200	86.06	89.94	3.88	4.51%	42.73	126.78	132.67	3.01%
30			1,500	94.93	89.94	(4.99)	-5.25%	53.41	148.34	157.67	6.28%
31			2,000	109.73	128.13	18.40	16.76%	71.22	180.95	199.34	10.17%

POST-MERGER OHIO POWER COMPANY - COLUMBUS SOUTHERN POWER RATE AREA
Case No. 11-351-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Date: 3 MOS Actual & 3 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

Schedule E-5
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Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I = D+G)	% Change (J = E+H)
1	RR		4,000	168.01	222.67	54.66	32.54%	142.43	310.44	365.11	17.61%
2	Winter		5,000	197.15	289.95	72.80	36.92%	178.04	376.19	447.99	19.40%
3			8,000	284.58	411.77	127.21	44.70%	284.87	569.43	686.64	22.34%
4			10,000	342.84	506.31	163.47	47.68%	358.09	698.93	862.40	23.39%
5											
6	RR										
7	(SMH)		500	33.74	39.43	5.69	16.86%	17.80	51.54	57.23	11.04%
8	Summer		800	58.44	62.30	3.86	6.61%	28.49	87.93	90.78	3.25%
9			1,000	76.58	77.54	0.96	1.26%	35.61	112.19	113.15	0.86%
10			1,500	119.41	94.46	(24.95)	-20.88%	53.41	172.82	147.89	-14.42%
11			2,000	162.25	106.13	(56.12)	-34.59%	71.22	233.47	177.34	-24.04%
12			4,000	332.68	151.79	(180.89)	-54.37%	142.43	476.11	294.22	-38.07%
13			6,000	503.12	197.45	(305.67)	-60.75%	213.65	716.77	411.10	-42.65%
14			8,000	673.55	243.12	(430.43)	-63.91%	284.87	968.42	527.98	-44.81%
15											
16			500	33.74	39.43	5.69	16.86%	17.80	51.54	57.23	11.04%
17			800	54.52	59.45	4.93	9.04%	28.49	83.01	87.93	5.94%
18			1,000	71.65	74.69	3.04	4.25%	35.61	107.26	110.30	2.84%
19			1,500	114.49	96.93	(17.56)	-15.34%	53.41	167.90	150.34	-10.46%
20			2,000	157.33	108.57	(48.76)	-30.99%	71.22	228.55	179.79	-21.33%
21			4,000	327.76	154.23	(173.53)	-52.94%	142.43	470.19	286.67	-38.81%
22			6,000	498.19	199.90	(298.29)	-59.88%	213.65	711.84	413.55	-41.90%
23			8,000	668.62	245.56	(423.06)	-63.27%	284.87	953.49	530.43	-44.37%
24											
25			500	33.74	39.43	5.69	16.86%	17.80	51.54	57.23	11.04%
26			800	49.69	56.80	7.11	14.13%	28.49	78.08	85.08	8.98%
27			1,000	66.73	71.84	5.11	7.66%	35.61	102.34	107.45	5.00%
28			1,500	109.56	99.37	(10.19)	-9.30%	53.41	162.97	152.78	-6.26%
29			2,000	152.40	111.02	(41.38)	-27.16%	71.22	223.62	182.23	-18.51%
30			4,000	322.83	158.88	(163.95)	-51.47%	142.43	465.26	299.11	-35.71%
31			6,000	483.27	202.34	(280.93)	-58.98%	213.65	708.92	415.99	-41.15%
32			8,000	663.70	248.00	(415.70)	-62.63%	284.87	948.57	532.87	-43.82%
33			10,000	834.13	293.67	(540.46)	-64.79%	358.09	1,190.22	649.75	-45.41%

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference Note(s):

POST-MERGER OHIO POWER COMPANY - COLUMBUS SOUTHERN POWER RATE AREA
Case No. 11-361-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Schedule E-6
Page 00 of 76
Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E-D-C)	% Increase (F = E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I = D+G)	% Change (J = E+H)
1	RR										
2	(SWH)	80 gal.	500	33.74	39.43	5.69	16.86%	17.80	51.54	57.23	11.04%
3	Winter	80 gal.	800	59.44	62.30	2.86	4.81%	28.49	87.83	90.78	3.25%
4		80 gal.	1,000	78.58	77.54	0.96	1.26%	35.61	112.19	113.15	0.86%
5		80 gal.	1,500	96.33	104.26	7.93	8.23%	53.41	149.74	157.67	5.29%
6		80 gal.	2,000	111.13	128.13	17.00	15.29%	71.22	182.35	188.34	3.32%
7		80 gal.	4,000	169.41	222.67	53.26	31.44%	142.43	311.84	365.11	17.08%
8		80 gal.	6,000	227.68	317.22	89.54	39.33%	213.65	441.33	530.87	20.29%
9		80 gal.	8,000	285.96	411.77	125.81	43.99%	284.87	570.83	696.64	22.04%
10											
11		100 gal.	500	33.74	39.43	5.69	16.86%	17.80	51.54	57.23	11.04%
12		100 gal.	800	54.52	59.45	4.93	9.04%	28.49	83.01	87.93	5.94%
13		100 gal.	1,000	71.65	74.69	3.04	4.25%	35.61	107.26	110.30	2.84%
14		100 gal.	1,500	97.87	104.26	6.39	6.75%	53.41	151.08	157.67	4.36%
15		100 gal.	2,000	112.46	128.13	15.67	13.93%	71.22	183.68	188.34	2.53%
16		100 gal.	4,000	170.74	222.67	51.93	30.42%	142.43	313.17	365.11	16.58%
17		100 gal.	6,000	228.02	317.22	89.20	38.51%	213.65	442.67	530.87	19.92%
18		100 gal.	8,000	287.29	411.77	124.48	43.33%	284.87	572.16	696.64	21.76%
19											
20		120 gal.	500	33.74	39.43	5.69	16.86%	17.80	51.54	57.23	11.04%
21		120 gal.	800	49.59	56.60	7.01	14.13%	28.49	78.08	86.09	8.98%
22		120 gal.	1,000	66.73	71.84	5.11	7.66%	35.61	102.34	107.45	5.00%
23		120 gal.	1,500	98.35	104.26	5.91	6.01%	53.41	151.76	157.67	3.89%
24		120 gal.	2,000	113.15	128.13	14.98	13.23%	71.22	184.37	189.34	2.72%
25		120 gal.	4,000	171.42	222.67	51.25	29.90%	142.43	313.85	365.11	16.33%
26		120 gal.	6,000	228.70	317.22	88.52	38.70%	213.65	443.35	530.87	19.74%
27		120 gal.	8,000	287.98	411.77	123.79	42.88%	284.87	572.85	696.64	21.61%
28		120 gal.	10,000	346.25	506.31	160.06	46.23%	356.09	702.34	862.40	22.79%

POST-MERGER OHIO POWER COMPANY - COLUMBUS SOUTHERN POWER RATE AREA
Case No. 11-361-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ► Original ___ Updated ___ Revised
Work Paper Reference Note(s):

Schedule E-6
Page 67 of 76
Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I = D+G)	% Change (J = E÷H)
1	RLM										
2	Summer	5	500	50.68	55.46	4.78	9.43%	17.80	68.48	73.26	6.98%
3		5	1,500	105.67	101.10	(4.50)	-4.25%	53.41	159.01	154.51	-2.83%
4		5	2,500	150.57	145.83	(4.74)	-3.15%	89.02	239.59	234.86	-1.98%
5		10	1,000	91.76	100.18	8.42	9.17%	35.61	127.37	135.79	6.61%
6		10	3,000	199.22	190.39	(8.83)	-4.43%	106.83	306.05	297.22	-2.89%
7		10	5,000	298.70	279.40	(19.30)	-3.22%	178.04	466.74	457.44	-1.99%
8		20	2,000	171.99	189.01	17.02	9.89%	71.22	243.21	250.22	2.90%
9		20	6,000	386.99	386.51	(.48)	-0.12%	213.65	599.64	599.03	-0.10%
10		20	10,000	594.95	546.53	(48.42)	-8.14%	356.09	951.04	902.61	-5.15%
11		30	3,000	251.77	277.37	25.60	10.17%	106.83	358.60	384.20	7.14%
12		30	9,000	572.78	646.63	73.85	12.89%	320.48	893.24	967.11	8.27%
13		30	15,000	841.21	813.65	(27.56)	-3.28%	534.13	1,375.34	1,347.78	-2.00%
14		40	4,000	331.54	365.74	34.20	10.32%	142.43	473.97	508.17	7.22%
15		40	12,000	759.54	724.75	(34.79)	-4.58%	427.30	1,186.84	1,152.05	-2.93%
16		40	20,000	1,114.66	1,077.96	(36.69)	-3.29%	712.17	1,826.83	1,790.15	-2.01%
17		50	5,000	411.32	454.11	42.79	10.40%	178.04	589.36	632.15	7.26%
18		50	15,000	946.31	902.87	(43.44)	-4.59%	534.13	1,480.44	1,437.00	-2.93%
19		50	25,000	1,388.12	1,342.31	(45.81)	-3.30%	890.22	2,278.34	2,232.52	-2.01%
20											
21	RLM										
22	Winter	5	500	50.68	55.46	4.78	9.43%	17.80	68.48	73.26	6.98%
23		5	1,500	100.92	96.42	(4.50)	-4.46%	53.41	154.33	149.83	-2.92%
24		5	2,500	139.85	134.91	(4.94)	-3.53%	89.02	228.87	223.93	-2.14%
25		10	1,000	83.94	97.69	13.75	16.38%	35.61	119.55	133.29	11.50%
26		10	3,000	186.41	173.55	(12.86)	-6.90%	106.83	293.24	280.38	-4.43%
27		10	5,000	243.41	250.08	6.67	2.74%	178.04	421.45	428.12	1.56%
28		20	2,000	132.92	176.55	43.63	32.82%	71.22	204.14	247.76	21.37%
29		20	6,000	298.93	327.36	28.43	10.25%	213.65	512.58	541.01	5.56%
30		20	10,000	450.93	480.41	29.48	6.54%	356.09	807.02	836.50	3.65%

POST-MERGER OHIO POWER COMPANY - COLUMBUS SOUTHERN POWER RATE AREA
Case No. 11-351-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s):

Schedule E-5
Page 68 of 76
Witness Responsible: T. Zellmer / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F=E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H=C+G)	Proposed Total Bill Including Fuel (I=D+G)	% Change (J=I-H)
1	RLM	30	3,000	181.43	254.95	73.52	40.52%	106.83	288.26	361.77	25.50%
2	Winter	30	9,000	427.45	481.17	53.72	12.57%	320.48	747.83	801.85	7.18%
3		30	15,000	656.45	710.75	52.30	7.94%	534.13	1,192.58	1,244.88	4.39%
4		40	4,000	229.95	333.35	103.40	44.97%	142.43	372.36	475.78	27.77%
5		40	12,000	557.97	634.98	77.01	13.80%	427.30	985.27	1,062.28	7.82%
6		40	20,000	883.17	938.28	55.11	6.25%	712.17	1,575.34	1,650.46	4.77%
7		50	5,000	278.46	411.75	133.29	47.87%	178.04	456.50	588.79	28.20%
8		50	15,000	688.50	788.79	100.29	14.57%	534.13	1,222.63	1,322.92	8.20%
9		50	25,000	1,067.90	1,165.82	97.92	9.17%	890.22	1,958.12	2,056.03	5.00%
10											
11	RS-ES										
12	Peak - 13%		1,000	56.66	74.68	18.02	31.80%	35.61	92.27	110.28	19.52%
13	Off Peak - 87%		2,000	104.86	138.52	33.66	32.15%	71.22	175.86	209.73	19.25%
14			3,000	152.20	201.90	49.70	32.65%	106.83	259.03	308.72	19.19%
15			4,000	199.75	265.28	65.53	32.80%	142.43	342.18	407.71	19.15%
16			5,000	247.29	328.65	81.37	32.90%	178.04	425.33	506.70	19.13%
17			6,000	294.83	392.04	97.21	32.97%	213.65	508.48	606.69	19.12%
18			7,000	342.38	455.42	113.04	33.02%	249.26	591.64	704.68	19.11%
19			8,000	389.92	518.80	128.88	33.05%	284.87	674.79	803.67	19.10%
20											
21	RS-ES										
22	Peak - 18%		1,000	61.11	75.91	14.80	24.22%	35.61	96.72	111.52	15.30%
23	Off Peak - 82%		2,000	113.57	140.89	27.32	24.14%	71.22	168.79	212.20	14.84%
24			3,000	185.56	205.60	20.04	10.80%	106.83	272.38	312.43	14.70%
25			4,000	217.56	270.22	52.66	24.20%	142.43	359.98	412.65	14.63%
26			5,000	269.56	334.83	65.27	24.21%	178.04	447.80	512.87	14.58%
27			6,000	321.55	399.45	77.90	24.23%	213.65	535.20	613.10	14.55%
28			7,000	373.55	484.06	90.51	24.23%	249.26	622.81	713.32	14.53%
29			8,000	425.55	528.68	103.13	24.23%	284.87	710.42	813.55	14.52%

POST-MERGER OHIO POWER COMPANY - COLUMBUS SOUTHERN POWER RATE AREA
Case No. 11-351-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Date: 3 MOS Actual & 9 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s):

Schedule E-5
Page 69 of 76
Witness Responsible: T. Zeina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I = D+G)	% Change (J = E/H)
1	RS-ES										
2	Peak - 30%		1,000	71.80	78.87	7.07	9.86%	35.81	107.41	114.48	6.59%
3	Off Peak - 70%		2,000	134.94	146.91	11.97	8.87%	71.22	206.16	218.13	5.81%
4			3,000	197.63	214.49	16.86	8.53%	106.83	304.46	321.32	5.54%
5			4,000	260.31	282.07	21.76	8.36%	142.43	402.74	424.50	5.40%
6			5,000	323.00	349.65	26.65	8.25%	178.04	501.04	527.69	5.32%
7			6,000	385.68	417.23	31.55	8.18%	213.65	599.33	630.88	5.26%
8			7,000	448.37	484.81	36.44	8.13%	249.26	697.63	734.07	5.22%
9			8,000	511.05	552.38	41.33	8.09%	284.87	795.92	837.25	5.19%
10											
11	GS-1										
12	Unmetered		50	9.91	11.54	1.63	16.47%	1.63	11.54	13.18	14.14%
13			100	13.09	14.89	1.80	13.74%	3.27	16.36	18.16	10.99%
14			150	16.28	18.23	1.95	12.01%	4.90	21.18	23.14	9.23%
15			200	19.47	21.58	2.11	10.84%	6.54	26.01	28.12	8.12%
16			400	32.22	34.97	2.75	8.52%	13.07	45.28	48.04	6.06%
17			700	51.34	55.04	3.70	7.22%	22.87	74.21	77.92	4.98%
18			1,000	70.47	75.12	4.65	6.60%	32.68	103.15	107.80	4.51%
19			1,500	102.35	108.59	6.24	6.09%	49.02	151.37	157.60	4.12%
20			2,000	134.22	142.05	7.83	5.83%	65.35	199.57	207.40	3.92%
21			4,000	260.81	274.98	14.17	5.43%	130.71	391.52	406.69	3.62%
22											
23											
24	GS-1		200	28.98	29.93	0.95	3.27%	6.54	35.52	36.46	2.67%
25			400	48.30	49.89	1.59	3.29%	13.07	61.37	62.96	2.59%
26			600	67.63	69.85	2.22	3.29%	19.61	87.24	88.46	2.55%
27			800	86.96	89.81	2.85	3.28%	26.14	113.10	115.96	2.52%
28			1,000	106.28	109.78	3.50	3.29%	32.68	138.96	142.45	2.52%
29			1,200	119.11	123.23	4.12	3.46%	39.21	158.32	162.45	2.61%
30			1,600	144.76	150.15	5.39	3.73%	52.28	197.04	202.44	2.74%
31			1,800	157.58	163.61	6.03	3.83%	58.82	216.40	222.43	2.79%
32			2,000	170.41	177.07	6.66	3.91%	65.35	235.76	242.43	2.83%

POST-MERGER OHIO POWER COMPANY - COLLINSVILLE SOUTHERN POWER RATE AREA
Case No. 11-381-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Date: 3 MOS Actual & 3 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s):

Schedule E-5
Page 70 of 76
Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F=E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H=C+G)	Proposed Total Bill Including Fuel (I=D+G)	% Change (J=I-H)
1	GS-1		2,400	196.87	203.81	7.94	4.05%	78.43	274.30	282.23	2.89%
2			3,000	234.07	243.91	9.84	4.20%	98.03	332.10	341.94	2.96%
3			3,200	246.80	257.27	10.47	4.24%	104.57	351.37	361.84	2.98%
4			4,000	287.73	310.74	13.01	4.37%	130.71	428.44	441.45	3.04%
5											
6											
7	GS-2										
8	Secondary	10	2,500	222.86	240.87	18.01	8.08%	87.05	309.91	327.92	5.81%
9		10	3,000	254.74	272.56	17.82	7.00%	104.46	359.20	377.03	4.96%
10		50	12,500	1,090.28	1,137.94	77.66	7.32%	435.26	1,485.54	1,573.21	5.19%
11		50	15,000	1,219.68	1,296.43	76.75	6.28%	522.32	1,742.00	1,818.74	4.41%
12		100	25,000	2,101.45	2,253.69	152.24	7.24%	870.53	2,971.98	3,124.22	5.12%
13		100	30,000	2,417.46	2,567.86	150.40	6.22%	1,044.63	3,462.09	3,612.49	4.34%
14		250	62,500	5,220.79	5,568.73	378.94	7.20%	2,176.32	7,397.11	7,773.05	5.08%
15		250	75,000	6,010.79	6,382.14	371.35	6.18%	2,611.58	8,622.37	8,993.73	4.31%
16		500	125,000	10,418.67	11,168.46	749.79	7.19%	4,352.64	14,772.31	15,521.09	5.07%
17		500	150,000	11,998.69	12,739.29	739.60	6.16%	5,223.17	17,222.86	17,962.46	4.29%
18		750	187,500	15,618.56	16,740.19	1,121.63	7.18%	6,528.96	22,147.52	23,269.14	5.06%
19		750	225,000	17,988.58	19,096.44	1,107.86	6.16%	7,834.75	25,823.33	26,931.19	4.29%
20		1,000	250,000	20,817.45	22,311.92	1,494.47	7.18%	8,705.26	29,522.73	31,017.19	5.06%
21		1,000	300,000	23,977.48	25,453.69	1,476.11	6.16%	10,446.33	34,423.81	35,899.92	4.29%
22		2,000	500,000	41,812.99	44,598.83	2,985.84	7.18%	17,410.55	59,023.54	62,008.38	5.06%
		2,000	600,000	47,933.05	50,882.17	2,949.12	6.15%	20,882.66	68,825.71	71,774.83	4.28%

POST-MERGER OHIO POWER COMPANY - COLUMBUS SOUTHERN POWER RATE AREA
Case No. 11-361-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Date: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference Note(s):

Schedule E-5
Page 71 of 76
Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F=E/C)	Annualized Fuel Additions to Bill (G)	Current Total Bill Including Fuel (H=C+G)	Proposed Total Bill Including Fuel (I=D+G)	% Change (J=I-H)
1	GS-2										
2	Primary	50	5,000	644.04	639.52	(4.52)	-0.70%	174.11	818.15	813.63	-0.55%
3		50	8,750	879.75	873.85	(5.90)	-0.67%	304.66	1,184.43	1,178.54	-0.50%
4		50	12,500	1,115.46	1,108.19	(7.27)	-0.65%	435.26	1,550.72	1,543.45	-0.47%
5		100	10,000	1,153.40	1,217.05	63.65	5.52%	348.21	1,501.61	1,565.26	4.24%
6		100	17,500	1,623.42	1,684.31	60.89	3.75%	809.37	2,232.79	2,283.68	2.23%
7		100	25,000	2,080.63	2,148.78	68.15	2.78%	870.53	2,951.16	3,019.30	1.96%
8		250	25,000	2,675.87	2,944.02	268.15	10.02%	870.53	3,546.40	3,814.55	7.56%
9		250	43,750	3,843.92	4,105.18	261.26	6.80%	1,523.42	5,367.34	5,828.60	8.57%
10		250	62,500	5,011.97	5,286.34	274.37	5.03%	2,176.32	7,188.29	7,442.66	3.54%
11		500	50,000	5,208.67	5,817.64	608.97	11.69%	1,741.06	6,949.73	7,558.69	8.76%
12		500	87,500	7,544.77	8,139.97	595.20	7.89%	3,046.85	10,591.62	11,198.81	5.62%
13		500	125,000	9,890.86	10,462.29	571.43	5.86%	4,352.64	14,233.50	14,814.93	4.08%
14		1,000	100,000	10,274.27	11,584.88	1,290.61	12.56%	3,482.11	13,756.38	15,046.99	9.38%
15		1,000	175,000	14,946.45	16,209.53	1,263.08	8.45%	6,093.69	21,040.14	22,303.23	6.00%
16		1,000	250,000	19,618.64	20,854.19	1,235.55	6.30%	8,705.28	28,323.92	29,559.46	4.36%
17		1,500	150,000	15,339.86	17,312.12	1,972.26	12.86%	5,223.17	20,563.03	22,536.29	9.59%
18		1,500	262,500	22,348.14	24,279.10	1,930.96	8.64%	8,140.54	31,488.68	33,419.64	6.13%
19		1,500	375,000	29,366.43	31,246.08	1,879.65	6.44%	13,057.91	42,414.34	44,303.99	4.46%
20		2,000	200,000	20,405.45	23,059.37	2,653.92	13.01%	6,964.22	27,369.67	30,023.69	9.70%
21		2,000	350,000	29,749.83	32,348.67	2,598.84	8.74%	12,187.36	41,937.22	44,536.05	6.20%
22		2,000	500,000	39,084.21	41,837.97	2,753.76	6.51%	17,410.55	56,504.76	59,048.52	4.50%
23		3,000	300,000	30,536.84	34,553.85	4,017.01	13.16%	10,446.33	40,983.17	45,000.18	9.80%
24		3,000	525,000	44,553.21	48,487.81	3,934.60	8.83%	18,281.08	62,834.29	66,768.88	6.26%
25		3,000	750,000	58,589.77	62,421.76	3,831.99	6.53%	26,115.83	84,685.60	88,537.59	4.55%

Data: 3 MGS Actual & 9 MGS Estimated
 Type of Filing: Original Updated Revised
 Work Paper Reference No(s):

POST-MERGER OHIO POWER COMPANY - COLUMBUS SOUTHERN POWER RATE AREA
 Case No. 11-361-EL-AIR
 Typical Bill Comparison
 (Electric and Gas Utilities)

Schedule E-5
 Page 72 of 76
 Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F=E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H=C+G)	Proposed Total Bill Including Fuel (I=D+G)	% Change (J=E+H)
1	GS-3										
2	Secondary	60	17,500	1,194.70	1,159.07	(35.63)	-3.07%	593.06	1,787.76	1,751.13	-2.05%
3		50	22,500	1,270.52	1,232.06	(38.46)	-3.03%	762.50	2,033.02	1,994.56	-1.89%
4		50	27,500	1,346.34	1,306.05	(40.29)	-2.99%	931.95	2,278.29	2,236.00	-1.77%
5		100	35,000	2,242.04	2,291.15	49.11	2.19%	1,166.12	3,428.16	3,477.27	1.43%
6		100	45,000	2,393.68	2,439.12	45.44	1.90%	1,525.01	3,918.69	4,451.00	1.16%
7		100	55,000	2,545.33	2,597.10	51.77	1.64%	1,863.90	4,409.23	4,967.84	0.95%
8		250	67,500	5,384.06	5,690.36	306.32	5.69%	2,965.30	8,348.36	8,656.67	3.67%
9		250	112,500	5,763.18	6,060.31	297.13	5.18%	3,812.52	9,575.70	9,872.84	3.10%
10		250	137,500	6,142.29	6,430.25	287.96	4.69%	4,669.75	10,802.04	11,090.00	2.67%
11		500	175,000	10,620.77	11,365.75	734.98	6.92%	5,930.59	16,551.36	17,286.35	4.44%
12		500	225,000	11,379.00	12,095.63	716.63	6.30%	7,625.05	19,004.05	19,720.68	3.77%
13		500	275,000	12,137.23	12,835.50	698.27	5.75%	9,319.50	21,456.73	22,155.01	3.25%
14		1,000	350,000	21,094.18	22,898.51	1,804.33	7.55%	11,861.19	32,955.37	34,547.70	4.83%
15		1,000	450,000	22,810.65	24,166.26	1,355.61	5.95%	15,260.10	38,070.75	39,416.36	4.11%
16		1,000	550,000	24,127.11	25,646.01	1,518.90	6.30%	18,639.01	42,766.12	44,285.02	3.55%
17		2,000	700,000	42,041.01	45,348.03	3,307.02	7.87%	23,722.37	65,763.38	68,070.40	3.50%
18		2,000	900,000	44,933.25	48,186.23	3,222.98	7.17%	30,500.19	75,433.44	78,656.42	4.27%
19		2,000	1,100,000	47,546.22	50,664.11	3,117.89	6.56%	37,278.01	84,824.23	87,942.12	3.68%
20		3,000	1,050,000	62,532.18	67,519.53	4,987.35	7.98%	36,563.66	99,115.74	103,103.09	5.06%
21		3,000	1,350,000	68,451.63	71,281.35	2,829.72	4.13%	45,750.29	114,201.92	117,031.64	2.47%
22		3,000	1,650,000	70,371.09	75,043.17	4,672.08	6.64%	55,917.02	126,288.11	130,960.19	3.70%
23		4,500	1,575,000	92,850.02	100,326.30	7,476.28	8.05%	53,375.33	146,225.35	153,701.63	5.11%
24		4,500	2,025,000	98,729.21	105,969.03	7,239.82	7.33%	68,625.43	167,354.64	174,594.46	4.33%
25		4,500	2,475,000	104,608.39	111,611.76	7,003.37	6.69%	83,875.52	188,483.91	195,487.28	3.72%

POST-MERGER OHIO POWER COMPANY - COLUMBUS SOUTHERN POWER RATE AREA
Case No. 11-381-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

Schedule E-5
Page 73 of 76
Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I = D+G)	% Change (J = E/H)
1	GS-3										
2	Primary	50	17,500	1,296.97	1,121.92	(175.05)	-13.50%	573.72	1,870.69	1,695.64	-9.36%
3		50	22,500	1,272.83	1,196.95	(75.88)	-12.88%	737.64	2,110.47	1,933.58	-8.38%
4		50	27,500	1,448.69	1,269.97	(178.72)	-12.34%	901.55	2,350.24	2,171.53	-7.60%
5		100	35,000	2,279.78	2,173.44	(106.34)	-4.66%	1,147.43	3,427.21	3,320.87	-3.10%
6		100	46,000	2,431.51	2,321.49	(110.02)	-4.52%	1,475.27	3,906.78	3,786.77	-2.82%
7		100	55,000	2,593.23	2,469.55	(123.68)	-4.79%	1,803.11	4,396.34	4,272.66	-2.82%
8		250	87,500	5,228.22	5,328.01	99.79	1.91%	2,888.58	8,096.80	8,196.59	1.23%
9		250	112,500	5,607.54	5,698.14	90.60	1.62%	3,898.18	9,295.72	9,386.32	0.97%
10		250	137,500	5,986.85	6,068.26	81.43	1.36%	4,507.77	10,494.62	10,578.05	0.79%
11		500	175,000	10,142.29	10,585.61	443.32	4.37%	5,737.17	15,879.46	16,322.78	2.79%
12		500	225,000	10,900.92	11,325.88	424.96	3.90%	7,376.36	18,277.28	18,702.24	2.33%
13		500	275,000	11,659.55	12,066.15	406.60	3.49%	9,015.55	20,675.10	21,081.70	1.97%
14		1,000	350,000	19,970.43	21,100.83	1,130.40	5.66%	11,474.33	31,444.76	32,575.16	3.59%
15		1,000	450,000	23,004.94	24,061.91	1,056.97	4.59%	14,752.71	37,757.65	38,818.68	2.81%
16		1,000	550,000	26,039.46	27,181.37	1,141.91	4.38%	18,031.09	44,070.55	45,212.46	2.58%
17		2,000	700,000	39,626.72	42,131.27	2,504.55	6.32%	22,948.66	62,575.38	65,079.93	4.00%
18		2,000	800,000	42,620.54	44,641.05	2,020.51	4.74%	29,506.42	72,126.96	74,661.47	3.39%
19		2,000	900,000	45,135.09	47,450.51	2,315.42	5.13%	36,062.18	81,197.27	83,762.69	3.15%
20		4,000	1,400,000	77,748.70	82,911.79	5,163.09	6.64%	45,897.32	123,646.02	128,809.11	4.18%
21		4,000	1,800,000	82,977.79	87,820.70	4,842.91	5.87%	59,010.84	141,988.63	146,841.54	3.48%
22		4,000	2,200,000	88,206.89	92,949.62	4,742.73	5.38%	72,124.36	160,331.25	165,073.98	2.96%
23		8,000	2,800,000	153,824.11	163,872.19	10,048.08	6.54%	91,794.64	245,618.75	255,666.83	4.09%
24		8,000	3,600,000	174,360.49	183,947.84	9,587.35	5.50%	114,248.72	288,609.21	298,196.56	3.31%
25		8,000	4,400,000	191,276.81	204,352.39	13,075.58	6.84%	144,743.30	336,020.11	349,095.69	3.87%
26		10,000	4,500,000	204,349.56	216,899.67	12,550.11	6.14%	147,527.10	351,876.66	364,426.77	3.57%
27		10,000	5,500,000	217,422.30	229,446.86	12,024.56	5.53%	180,310.90	397,733.20	409,757.85	3.02%

POST-MERGER OHIO POWER COMPANY - COLUMBUS SOUTHERN POWER RATE AREA
Case No. 11-361-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F=E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H=C+G)	Proposed Total Bill Including Fuel (I=D+G)	% Change (J=I-H)
1	GS-4	3,000	600,000	48,225.77	28,692.56	(20,533.21)	-41.71%	18,435.30	67,861.07	47,127.86	-30.35%
2		3,000	1,200,000	55,557.32	34,778.90	(20,778.42)	-37.40%	36,670.60	92,427.92	71,849.50	-22.48%
3		3,000	1,800,000	61,358.61	40,339.10	(21,019.51)	-34.30%	55,305.90	116,705.51	95,645.00	-18.05%
4		5,000	1,000,000	69,024.40	46,823.16	(22,201.24)	-32.16%	30,725.50	99,749.50	77,546.66	-22.26%
5		5,000	2,000,000	78,781.56	56,090.16	(22,671.40)	-28.78%	61,451.00	140,212.56	117,541.16	-18.17%
6		5,000	3,000,000	88,498.72	65,357.18	(23,141.56)	-26.15%	92,176.50	180,675.22	157,533.66	-12.81%
7		8,000	1,600,000	97,989.48	73,229.85	(24,759.63)	-25.27%	49,160.80	147,148.28	122,360.65	-16.83%
8		8,000	3,200,000	113,567.93	88,057.05	(25,510.88)	-22.46%	98,321.60	211,889.53	186,378.65	-12.04%
9		8,000	4,800,000	129,147.99	102,884.25	(26,263.74)	-20.34%	147,482.40	276,629.79	250,566.65	-9.46%
10		10,000	2,000,000	117,297.86	90,834.31	(26,463.55)	-22.56%	61,451.00	178,748.86	152,285.31	-14.80%
11		10,000	4,000,000	136,772.18	109,368.31	(27,403.87)	-20.04%	122,902.00	259,674.18	232,270.31	-10.55%
12		10,000	6,000,000	156,246.50	127,802.31	(28,344.19)	-18.14%	184,353.00	340,599.50	312,256.31	-8.32%
13		15,000	3,000,000	165,571.32	134,845.46	(30,725.86)	-18.56%	92,176.50	257,747.82	227,021.96	-11.92%
14		15,000	6,000,000	184,782.80	162,646.46	(22,136.34)	-16.50%	184,353.00	379,135.60	346,999.46	-8.48%
15		15,000	9,000,000	223,984.27	180,447.46	(43,536.81)	-19.48%	276,529.50	500,523.77	466,676.96	-6.70%
16		20,000	4,000,000	213,844.78	178,858.81	(34,985.97)	-16.36%	122,902.00	336,746.78	301,758.61	-10.39%
17		20,000	8,000,000	252,793.41	215,924.61	(36,868.80)	-14.58%	245,804.00	498,597.41	461,728.61	-7.38%
18		20,000	12,000,000	291,742.05	252,992.61	(38,749.44)	-13.28%	368,706.00	660,448.05	621,688.61	-5.87%
19		30,000	8,000,000	310,391.69	268,878.91	(41,512.78)	-14.02%	184,353.00	494,744.69	451,231.91	-8.78%
20		30,000	12,000,000	368,814.64	322,460.91	(46,353.73)	-12.56%	368,706.00	737,520.64	691,186.91	-6.28%
21		30,000	18,000,000	427,237.60	378,082.91	(49,154.69)	-11.51%	553,059.00	980,296.60	931,141.91	-5.01%
22	AL										
23	Lamp Size										
24	Mercury Vapor										
25	100 WATT		43	7.64	10.43	2.79	36.54%	1.87	8.61	12.40	29.05%
26	175 WATT		72	8.04	9.53	1.48	18.56%	3.30	11.34	12.83	13.16%
27	400 WATT		158	12.81	13.37	0.56	4.40%	7.23	20.04	20.61	2.81%
28	POST TOP 175 WATT		72	14.33	15.94	1.61	11.23%	3.30	17.63	18.24	9.13%
29											
30	High Pressure Sodium										
31	100 WATT		40	7.50	9.75	2.25	30.01%	1.83	9.33	11.58	24.12%
32	150 WATT		59	8.53	11.20	2.67	31.36%	2.70	11.23	13.91	23.82%
33	200 WATT		84	10.91	13.45	2.54	23.32%	3.85	14.76	17.25	17.25%
34	250 WATT		103	11.56	14.94	3.38	29.27%	4.72	16.28	19.66	20.79%
1	AL										
1	400 WATT		167	14.09	16.50	2.41	17.13%	7.65	21.74	24.15	11.10%
2	POST TOP 100 WATT		40	15.57	18.38	2.81	18.04%	1.83	17.40	20.21	16.14%

POST-MERGER OHIO POWER COMPANY - COLUMBUS SOUTHERN POWER RATE AREA
Case No. 11-381-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Data: 3 MOS Actual & 3 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

Schedule E-5
Page 75 of 76
Witness Responsible: T. Zelina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F=E/C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H=C+G)	Proposed Total Bill Including Fuel (I=D+G)	% Change (J=I-H)
3		POST TOP 150 WATT	58	18.72	19.23	2.51	15.00%	2.70	19.42	21.93	12.92%
4		CUT OFF 100 WATT	40	11.02	11.04	0.02	0.19%	1.83	12.85	12.87	0.16%
5		CUT OFF 250 WATT	103	17.63	17.67	0.04	0.22%	4.72	22.35	22.38	0.17%
6		CUT OFF 400 WATT	167	17.24	17.90	0.66	3.84%	7.65	24.89	25.55	2.68%
7											
8		FLOODLIGHT									
9		High Pressure Sodium									
10		100 WATT	40	8.09	10.86	2.87	35.46%	1.83	9.92	12.79	28.91%
11		250 WATT	103	13.60	17.59	3.99	29.31%	4.72	18.32	22.30	21.76%
12		400 WATT	167	18.05	19.93	1.88	10.42%	7.65	25.70	27.58	7.32%
13		1,000 WATT	376	47.57	55.78	8.21	17.25%	17.31	64.88	73.08	12.65%
14											
15		Metal Halide									
16		250 WATT	100	14.55	17.11	2.56	17.62%	4.58	19.13	21.68	13.40%
17		400 WATT	158	18.06	19.82	1.76	9.74%	7.23	25.29	27.05	6.95%
18		1,000 WATT	376	47.51	54.01	6.50	13.67%	17.31	64.82	71.31	10.02%
19											
20		FACILITY CHARGES									
21		Mast Arm									
22		8 FT.	0	0.65	1.05	0.40	61.68%	-	0.65	1.05	61.68%
23		12 FT.	0	1.14	1.85	0.71	62.31%	-	1.14	1.85	62.31%
24		16 FT.	0	1.52	2.46	0.94	61.55%	-	1.52	2.46	61.55%
25		20 FT.	0	2.66	3.76	1.10	41.27%	-	2.66	3.76	41.27%
26											
27		Poles									
28		Wood	0	2.50	4.04	1.54	61.73%	-	2.50	4.04	61.73%
29		Aluminum	0	13.67	20.64	6.97	50.98%	-	13.67	20.64	50.98%
30		Fiberglass	0	20.39	20.42	0.03	0.16%	-	20.39	20.42	0.16%
31											
32		Each additional 150 foot overhead wire span	0	0.81	1.31	0.50	62.16%	-	0.81	1.31	62.16%
33		Each additional riser pole connection	0	4.01	4.02	0.01	0.26%	-	4.01	4.02	0.26%
34		Each underground lateral not over 50 feet	0	1.20	1.94	0.74	61.81%	-	1.20	1.94	61.81%

POST-MERGER OHIO POWER COMPANY - COLUMBUS SOUTHERN POWER RATE AREA
Case No. 11-351-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Data: 3 MOS Actual & 9 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s):

Schedule E-5
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Witness Responsible: T. Zalina / A. Moore

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E-D-C)	% Increase (F=E-C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I = D+G)	% Change (J = E+H)
1	SL	High Pressure Sodium									
2		100 WATT	40	10.20	10.26	0.06	0.61%	1.60	11.80	11.86	0.52%
3		150 WATT	59	11.42	11.66	0.24	2.11%	2.36	13.78	14.02	1.75%
4		200 WATT	84	14.13	13.35	(0.78)	-5.49%	3.36	17.49	16.72	-4.43%
5		250 WATT	103	15.47	14.23	(1.24)	-8.03%	4.13	19.60	18.35	-6.34%
6		400 WATT	167	17.89	17.47	(0.22)	-1.22%	6.69	24.38	24.16	-0.88%
7		CUT OFF 100 WATT	40	13.46	12.21	(1.25)	-9.25%	1.60	15.06	13.82	-8.27%
8		CUT OFF 250 WATT	103	20.67	19.44	(1.23)	-5.97%	4.13	24.80	23.56	-4.98%
9		CUT OFF 400 WATT	167	26.16	24.94	(1.22)	-4.65%	6.69	32.85	31.63	-3.70%
10											
11		Mercury Vapor									
12		100 WATT	43	9.58	9.32	(0.26)	-2.67%	1.72	11.30	11.05	-2.26%
13		175 WATT	72	10.92	10.81	(0.11)	-0.98%	2.88	13.80	13.70	-0.79%
14		400 WATT	158	16.74	17.36	0.62	3.72%	6.33	23.07	23.69	2.70%
15											
16		FACILITY CHARGES									
17		Mast Arm									
18		12 FT.	0	1.14	1.34	0.20	17.22%	-	1.14	1.34	17.22%
19		16 FT.	0	1.52	1.78	0.26	17.22%	-	1.52	1.78	17.22%
20		20 FT.	0	2.68	3.05	0.39	14.65%	-	2.68	3.05	14.65%
21											
22		Poles									
23		Wood	0	1.30	1.53	0.23	17.73%	-	1.30	1.53	17.73%
24		Aluminum	0	13.50	15.89	2.39	17.68%	-	13.50	15.89	17.68%
25		Fiberglass	0	20.13	20.16	0.03	0.14%	-	20.13	20.16	0.14%
26											
27		Each additional 150 foot overhead wire span	0	0.76	0.90	0.14	18.72%	-	0.76	0.90	18.72%
28		Each additional riser pole connection	0	3.90	3.91	0.01	0.16%	-	3.90	3.91	0.16%
29		Each underground lateral not over 50 feet	0	1.24	1.46	0.22	17.90%	-	1.24	1.46	17.90%