

# Large Filing Separator Sheet

Case Number    11-346-EL-SSO  
                    11-348-EL-SSO  
                    11-349-EL-AAM  
                    11-350-EL-AAM

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Section: 1 of 2

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EXHIBIT NO. \_\_\_\_\_

BEFORE  
THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of )	
Columbus Southern Power Company and )	
Ohio Power Company for Authority to )	Case No. 11-346-EL-SSO
Establish a Standard Service Offer )	Case No. 11-348-EL-SSO
Pursuant to §4928.143, Ohio Rev. Code, )	
in the Form of an Electric Security Plan. )	

In the Matter of the Application of )	
Columbus Southern Power Company and )	Case No. 11-349-EL-AAM
Ohio Power Company for Approval of )	Case No. 11-350-EL-AAM
Certain Accounting Authority. )	

VOLUME 4

ON BEHALF OF  
COLUMBUS SOUTHERN POWER COMPANY  
AND  
OHIO POWER COMPANY

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COLUMBUS SOUTHERN POWER COMPANY

12<sup>th</sup> Revised Sheet No. 1-1  
Cancels 11<sup>th</sup> Revised Sheet No. 1-1

P.U.C.O. NO. 7

## TABLE OF CONTENTS

Schedule		Sheet No(s)	Effective Date
	Table of Contents	1-1 thru 1-2	Cycle 1 January 2011
	List of Communities Served	2-1 thru 2-2	Cycle 1 April 2009
	Terms and Conditions of Service	3-1 thru 3-15	December 9, 2009
	<u>Applicable Riders</u>	4-1	
	Miscellaneous Distribution Charges	5-1 thru 5-2	Cycle 1 April 2009
	Minimum Requirements for Distribution System Interconnection	6-1 thru 6-5	Cycle 1 April 2009
R-R	Residential Service	10-1 thru 10-4	Cycle 1 September 2010
R-R-1	Residential Small Use Load Management	11-1 thru 11-4	Cycle 1 September 2010
RLM	Residential Optional Demand Rate	12-1 thru 12-4	Cycle 1 September 2010
RS-ES	Residential Energy Storage	13-1 thru 13-3	Cycle 1 September 2010
RS-TOD	Residential Time-of-Day	14-1 thru 14-2	Cycle 1 September 2010
GS-1	General Service – Small	20-1 thru 20-4	Cycle 1 September 2010
GS-2	General Service – Low Load Factor	21-1 thru 21-5	Cycle 1 September 2010
GS-2-TOD	General Service – Time-of-Day	22-1 thru 22-2	Cycle 1 September 2010
GS-3	General Service – Medium Load Factor	23-1 thru 23-5	Cycle 1 September 2010
GS-4	General Service – Large	24-1 thru 24-3	Cycle 1 September 2010
IRP-D	Interruptible Power - Discretionary	25-1 thru 25-11	Cycle 1 September 2010
COGEN/SPP	Cogeneration and/or Small Power Production	26-1 thru 26-4	Cycle 1 April 2009
SBS	Standby Service	27-1 thru 27-9	Cycle 1 September 2010
NEMS	Net Energy Metering Service	28-1 thru 28-2	December 11, 2009
NEMS-H	Net Energy Metering Service - Hospitals	29-1 thru 29-2	December 11, 2009

(Continued on Sheet No. 1-2)

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Joseph Hamrock, President  
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COLUMBUS SOUTHERN POWER COMPANY

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P.U.C.O. NO. 7

## TABLE OF CONTENTS

SL	Street Lighting	40-1 thru 40-4	Cycle 1 September 2010
AL	Private Area Lighting	41-1 thru 41-4	Cycle 1 September 2010
PA	Pole Attachment	43-1 thru 43-2	Cycle 1 April 2009
Supp. No. 18	Church and School Service	52-1	Cycle 1 April 2009
Supp. No. 21	Public Authority -- Delayed Payment	53-1	Cycle 1 April 2009
	Universal Service Fund Rider	60-1	Cycle 1 January 2011
	Advanced Energy Fund Rider	61-1	Cycle 1 April 2009
	KWH Tax Rider	62-1	Cycle 1 April 2009
	Provider of Last Resort Charge Rider	69-1	Cycle 1 April 2009
	Electronic Transfer Rider	70-1	Cycle 1 April 2009
	Emergency Curtailable Service Rider	71-1 thru 71-3	Cycle 1 April 2009
	Energy Price Curtailable Service Rider	72-1 thru 72-4	Cycle 1 April 2009
	Monongahela Power Litigation Termination Rider	73-1	Cycle 1 April 2009
	Transmission Cost Recovery Rider	75-1	Cycle 1 July 2010
	Fuel Adjustment Clause Rider	80-1	Cycle 1 February 2011
	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1	Cycle 1 June 2010
	Economic Development Cost Recovery Rider	82-1	Cycle 1 October 2010
	Enhanced Service Reliability Rider	83-1	Cycle 1 September 2010
	gridSMART Rider	84-1	Cycle 1 September 2010
	Environmental Investment Carrying Cost Rider	85-1	Cycle 1 September 2010
	Standard Offer Generation Service Rider	88-1	
	Distribution Investment Rider	89-1	
	Emergency Electrical Procedures	90-1 thru 90-9	Cycle 1 April 2009
	Generation Resource Rider	91-1	

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P.U.C.O. NO. 7

## TABLE OF CONTENTS

	Alternative Energy Rider	92-1	
	Phase-In Recovery Rider	93-1	
	Market Transition Rider	94-1	
	Generation NERC Compliance Cost Recovery Rider	95-1	
	Facility Closure Cost Recovery Rider	96-1	
	Carbon Capture and Sequestration Rider	97-1	
	Green Power Portfolio Rider	98-1 thru 98-2	
	Rate Security Rider	99-1 thru 99-2	

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 2-1

P.U.C.O. NO. 7

LIST OF COMMUNITIES SERVED

COMMUNITY	COMMUNITY	COMMUNITY
Aberdeen	Circleville	Harrisburg
Addison	Coal Run	Harrisonville
Albany	Coalton	Hartford (Croton P.O.)
Alexandra	Columbus	Haydenville
Allensburg	Constitution	Hemlock Grove
Allensville	Coolville	Hilliard
Amesville	Corner	Hillsboro
Antiquity	Coulter	Hockingport
Athens	Creola	Hollister
Bainbridge	Danville	Idaho
Barlow	Darbydale	Jackson (Part)
Beckett	Decatur	Jacksonville
Belfast	Delaware	Johnstown
Belpre	Dexter City	Kananga
Bentonville	Doanville	Kerr
Beverly	Dodsonville	Kilbourne
Bexley	Dublin	Kyger
Bidwell	Duffy	Latham
Bishopville	Dundas	Lawshe
Blackfork	East Monroe	Layman
Blue Creek	Elba	Leonardsburg
Boston	Eureka	Letart Falls
Bourneville	Ewington	Lewis Center
Bradbury	Fincastle	Little Hocking
Brice	Firebrick	Locust Grove
Briggs	Floodwood	Londonderry
Buchtel	Frost	Long Bottom
Buford	Gahanna	Lowell
Carbondale	Galena	Lower Salem
Carbon Hill	Gallipolis	Lyndon
Carpenter	Galloway	Lynx
Centerburg	Grandview	Lyra
Centerville (Thurman P.O.)	Grandview Heights	Macksburg
Chauncey	Grove City	Macon
Cherry Fork	Groveport	Manchester
Cheshire	Guysville	Marble Cliff
Chester	Hamden	Marietta
Chillicothe	Hannibal	Marshall

(Continued on Sheet No. 2-2)

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 2-2

P.U.C.O. NO. 7

LIST OF COMMUNITIES SERVED

COMMUNITY	COMMUNITY	COMMUNITY
Massieville	Rarden	Veto
McArthur	Rainsboro	Vigo
McDermott	Ray	Vincent
McLeish	Reedsville	Vinton
Middleport	Reno	Wade
Millfield	Reynoldsburg	Warner
Mineral	Richmondale	Waterford
Minersville	Rio Grande	Watertown
Minerva Park	Riverlea	Waverly
Mowrystown	Riverview	Wellston
Murray City	Roads	Westerville (Part)
Mt. Pleasant	Rock Springs	West Jefferson (Jefferson)
Mt. Sterling	Rodney	West Union
Nelsonville	Rome (Stout P.O.)	Whipple
New Albany	Sardinia	Whitehall
New Marshfield	Sardis	Wilkesville
New Martinsburg	Scioto Furnace	Winchester
New Matamoras	Seaman	Worthington
New Petersburg	Shade	Zaleski
New Plymouth	Sharpsburg	
Newport	Sinking Spring	
New Rome	South Olive	
Northrup	South Salem	
Oak Hill	South Webster	
Obetz	Stewart	
Orient	Sugar Tree Ridge	
Otway	Summit Station	
Pataskala	Sunbury	
Pedro	Swift	
Peebles	The Plains	
Piketon	Torch	
Pomeroy	Trimble	
Porter	Tuppers Plains	
Porterfield	Union Furnace	
Portland	Upper Arlington	
Powell	Urbancrest	
Radcliff	Valleyview	

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P.U.C.O. NO. 7

TERMS AND CONDITIONS OF SERVICE

1. CONTRACTS, APPLICATIONS OR REQUESTS FOR SERVICE

These Terms and Conditions of Service apply to service under the Company's schedules which provide for generation, transmission and distribution service. Customers requesting only distribution service from the Company, irrespective of the voltage level at which service is taken, as provided for in Section 4928.40(E), Ohio Revised Code, shall be served under the Company's open access distribution schedules and the Terms and Conditions of Open Access Distribution Service shall apply.

Electric service shall be made available to a prospective customer within this Company's area of service upon request or execution of a contract therefore and its acceptance by an officer or authorized representative of the Company. The request may be either over the phone or in person.

The character of service and the rates, rules, terms, regulations and conditions shall be in accordance with P.U.C.O. No. 7, the supplements thereto and revisions thereof applying to the particular type of service and locality for which such contract or application is made.

2. TERM OF CONTRACT

Except as limited by law and as provided in rate schedules, requests or contracts for service shall be for the term requested or as provided in the individual contract of the customer.

3. CONDITIONS OF SERVICE

Before the Company shall be required to furnish service, the Company may require that the customer submit specifications of electrical apparatus to be operated by service to be furnished by the Company, giving the location of his buildings. The Company will specify the character of the current it will furnish, and the point at which service will be brought in.

Each separate point of delivery shall be considered a Contract Location and shall be metered and billed under a separate request or contract for service.

If the Company requires separate points of delivery, for like service, to meet the customer's electrical requirements at a single Contract Location, the metering for two or more points of delivery may be combined for billing under the applicable tariff.

4. AVAILABLE RATES

A copy of these Terms and Conditions of Service and the schedules applicable to the customer's class of business will be furnished upon request.

(Continued on Sheet No. 3-2)

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P.U.C.O. NO. 7

TERMS AND CONDITIONS OF SERVICE

4. AVAILABLE RATES (Cont'd)

If the customer can meet the requirements of more than one rate schedule, the Company will endeavor to advise the customer as to which rate schedule is the most advantageous for the prospective service. The customer shall then select the rate schedule upon which the contract for service shall be based. The Company under no circumstances guarantees that the rate under which a customer is billed is the most favorable rate.

The customer may change the initial rate schedule selection to another applicable rate schedule at any time by either written notice to Company and/or by executing a new contract for the rate schedule selected, provided that the application of such subsequent selection shall continue for 12 months before any other selection may be made, except when an existing rate is modified or a new rate schedule is offered.

5. SERVICE CONNECTIONS

The Company will, when requested to furnish service, designate the location of its service connection. The customer's wiring must, except for those cases listed below, be brought out of the building in an approved manner from the main service disconnect to outside the building wall nearest the Company's service wires so as to be readily accessible thereto. The point of service drop attachment shall be as high as the construction of the building will permit, but not more than twenty-five (25) feet nor less than twelve (12) feet from the ground (see National Electric Code for vertical clearance requirements of service drop conductors) and shall be located at a point convenient to the Company's lines for making connections thereto, and each of the service wires shall extend at least eighteen (18) inches from the weatherhead on the end of the conduit or cable for making service connections. Service entrance equipment shall be properly grounded and shall be installed so that the disconnecting means is readily accessible. Where customers install service entrance facilities which have capacity and layout specified by the Company and/or install and use certain utilization equipment specified by the Company, the Company may provide or offer to own certain facilities on the customer's side of the point where the service wires attach to the building.

In areas served by an overhead distribution system, an overhead service shall be provided by the Company from the Company's distribution system extending one span (approximately 100 feet) toward the customer's facilities. When a customer desires that energy be delivered at a point or in a manner other than that designated by the Company, the customer shall pay the additional cost of same. Rights-of-way or easements necessary for the installation of said service (including private railway wire crossings) shall be provided by the customer.

(Continued on Sheet No. 3-3)

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TERMS AND CONDITIONS OF SERVICE

5. SERVICE CONNECTIONS (Cont'd)

A nonresidential customer desiring an underground service shall, at the customer's expense, install and maintain the necessary service wires, duct work, manholes, vaults and connection boxes in an approved manner from the main entrance switch in the building to a service point designated by the Company, from which connection is to be made. Such underground service will be designed and installed as a continuous run of conductors which shall conform to Company specifications.

Conduit and wires and any equipment, installation and appurtenances furnished, installed and maintained by the customer must conform to the National Electrical Code, as well as applicable governmental requirements.

The Company shall not be required to make any inspection of the wiring, safety switch or other equipment, installation or appurtenances installed and owned by the customer. Any inspection thereof which the Company may make shall be voluntary on its part and for its benefit only, and shall not in any way relieve the customer of any obligations in that respect.

6. METERS AND METERING EQUIPMENT

The Company will own, furnish, install and maintain the meter or meters. The customer is required to supply, install and maintain the mounting or meter enclosures or sockets. The Company may specify whether the meter or meters are to be installed on the inside or outside the customer's premise and may change such location at its option. When an inside meter installation is made, the customer shall furnish, at the customer's sole expense a suitable meter panel in a convenient and suitable location and so placed that the meter installation will not be more than 7 feet nor less than 4 feet from the floor. If the location provided by the customer causes the meter to register incorrectly, the Company may require the customer to provide a new meter location acceptable to the Company and to pay the expense of relocation. All costs incident to the relocation of an outside meter made upon the customer's request, or required to be made because of the customer's use of the customer's premises, shall be paid by the customer. The authorized agents or employees of the Company shall have free access at all reasonable hours to the premises of the customer for the purpose of installing, reading, testing and removing meters or other appliances, belonging to the Company.

The customer shall not interfere with, or allow others to interfere with, the Company's meter or any of the wiring on the line side of the meter.

7. METER TESTING

The Company will test its meters at its discretion or at the request of the customer. Any meter found by test to be registering two percent or less than two percent either fast or slow will be considered as registering accurately.

(Continued on Sheet No. 3-4)

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P.U.C.O. NO. 7

**TERMS AND CONDITIONS OF SERVICE**

**7. METER TESTING (Cont'd)**

The Company will test the meter at the request of the customer once at no charge to the customer. Each subsequent test, in which the meter is found to be registering accurately, will result in the cost of such test being borne by the customer.

**8. DEMAND TESTING**

Periodic tests for determination of demand, where provided for in various schedules, will be made at the request of the customer, provided that not more than two such requests will be made in any 12 month period.

**9. DEPOSITS**

The Company may require a deposit by the customer not exceeding the amount of the estimated monthly average cost of the annual consumption by such customer plus thirty percent, unless such customer be a financially responsible freeholder or give reasonably safe guaranty in an amount sufficient to secure the payment of bills for a sixty days' supply. On any such deposit the customer shall be entitled to interest at the rate of five percent per annum, provided such deposit be left with the Company at least six consecutive months.

**10. CUSTOMER'S LIABILITY**

In the event of loss of or injury to the property or equipment of the Company through misuse or negligence of the customer or the customer's employees or invitees, the cost of any necessary repairs or replacement shall be repaid to the Company by the customer. The customer will be held responsible for any tampering or interfering with or breaking the seals of meters or other equipment of the Company installed on the customer's premises and will be held liable for the same according to law.

No responsibility of any kind shall attach to the Company for or on account of any loss, injury or damage caused by or resulting from defects in or inadequacy of the wires, switches, equipment, or appurtenances of the customer, or from the installation, maintenance or use thereof.

**11. USE AND RESALE OF ENERGY**

Electric service will not be supplied to any party contracting with the Company for electric service (hereinafter in this Section 11 called "Customer") except for use exclusively by (i) the Customer at the premises specified in the service request on contract between the Company and the Customer under which service is supplied and (ii) the occupants and tenants of such premises.

(Continued on Sheet No. 3-5)

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## P.U.C.O. NO. 7

## TERMS AND CONDITIONS OF SERVICE

## 11. USE AND RESALE OF ENERGY (Cont'd)

Resale of energy will be permitted only by legitimate electric public utilities subject to the jurisdiction of the Public Utilities Commission of Ohio and only by written consent of the Company. In addition, resale of energy will be permitted for electric service and related billing as they apply to the resale or redistribution of electrical service from a landlord to a tenant where the landlord is not operating as a public utility, and the landlord owns the property upon which such resale or redistribution takes place.

## 12. BILLING AND BILLS PAYABLE

The customer will be held responsible for all charges for electric energy delivered at the customer's premises. Bills will be rendered for each month's use by the Company to the customer and are payable by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company, on or before the due date thereon specified. Failure to receive a bill will not entitle the customer to any discount or to the remission of any charge for nonpayment within the time specified.

If the customer fails to pay in full any final bill for service rendered and said customer receives like service at another location, the Company may transfer the unpaid balance of the final bill to the service account for any such other location. Like service refers to an end use within the following broad categories: residential, commercial, or industrial. Such amount shall be designated as a past-due amount on the account at such location and subject to collection and disconnection action in accordance with Chapter 4901:1-18 of the Ohio Administrative Code and the Company's filed tariffs, terms and conditions of service, provided that such transfer of a final bill shall not be used to disconnect service to a residential consumer who is not responsible for such bill.

The word "month" as used herein and in rates schedules is hereby defined to be the elapsed time between two successive meter readings approximately 30 days apart. In the event of the stoppage or the failure of any meter to register the correct amount of current consumed, the customer will be billed for such period for an estimated consumption based either upon his use of energy in a similar period of like use or upon a determination based on meter test or from both of these methods combined. Except for residential service accounts, when any bill for electric service supplied by the Company is not paid within fifteen days after the due date thereon, the Company may disconnect its service, without further notice, and will not be required to reconnect service until all charges are paid. A reconnection charge commensurate with the cost of the reconnection, but not less than two dollars and fifty cents may be made for the reconnection of service. For disconnect provisions relating to residential service, see Section 23.

(Continued on Sheet No. 3-6)

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Cancels Original Sheet No. 3-6

P.U.C.O. NO. 7

TERMS AND CONDITIONS OF SERVICE

13. COLLECTION, RECONNECTION, AND BAD CHECK CHARGES

For charges relating to collection trips, reconnection of service, and bad checks, see Sheet No. 5-1.

14. SERVICE INTERRUPTIONS

The Company will use reasonable diligence in furnishing a regular and uninterrupted supply of electric energy, but in case such supply should be interrupted or fail by reason of an act of God, public enemy, accidents, strikes, legal process, Federal or State or Municipal interference, extraordinary repairs, breakdowns, or damage to the Company's facilities, or for any other reason beyond its control, the Company shall not be liable for damages to the customer because of such interruption or failure.

The Company shall not be liable to the customer for any loss, injury or damage resulting from the customer's use of his equipment or from the use of the energy of the Company, or from the connection of the Company's wires with the customer's wires and appliances.

15. NOTICE TO COMPANY BEFORE INCREASING LOAD

The service connection, transformers, meters and appliances supplied by the Company for each customer have a definite capacity, and no significant additions to the equipment or load connected thereto shall be made until after the consent of the Company has been obtained.

16. NOTICE TO COMPANY OF ANY DEFECT IN ELECTRIC SUPPLY

The customer shall notify the Company promptly of any defect in service or any trouble or accident to the electrical supply.

17. TEMPORARY AND SPECIAL SERVICE

The Company will supply temporary service when it has available unsold capacity in its lines, transformers and generating equipment. Customers who have seasonal operations at permanent locations, or who have other sources of energy supply and desire service for standby or breakdown purposes, must contract for permanent service under a schedule applicable to the customer's class of business and will be subject to the terms of that schedule including the minimum bill and term of contract provisions.

The customer will purchase temporary service under any schedule applicable to the customer's class of business and will, in addition, pay to the Company, in advance, the Company's estimated total cost of installing and removing its facilities necessary for the temporary service. The total cost will include all material, labor, and overheads, with appropriate credits being given for salvageable material and for facilities to be used in subsequent permanent service.

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## P.U.C.O. NO. 7

## TERMS AND CONDITIONS OF SERVICE

## 17. TEMPORARY AND SPECIAL SERVICE (Cont'd)

The Company shall not be required to construct general distribution lines underground unless the cost of such special construction for general distribution lines and/or the cost of any change of existing overhead general distribution lines to underground which is required or specified by a municipality or other public authority (to the extent that such cost exceeds the cost of construction of the Company's standard facilities) shall be paid for by that municipality or public authority. The "cost of any change" as used herein, shall be the cost to the Company of such change. The "cost of special construction" as used herein, shall be the actual cost to the Company in excess of the cost of standard construction. When a charge is to be based on the excess cost, the Company and municipality or other public authority shall negotiate the amount thereof.

Temporary service supplied for a period less than one (1) full month will be billed on the basis of a full month's schedule billing, including the minimum charge if applicable.

## 18. USE OF ENERGY BY CUSTOMER

The apparatus or appliances connected to the Company's lines shall be suitable in every respect to the service supplied by the Company, and shall not be operated in a manner which will cause voltage fluctuations or disturbances in the Company's distributing system or which will be detrimental to the Company's service in any way. All equipment used by the customer shall be of such type as to secure the highest practicable commercial efficiency, power factor and the proper balancing of phases, and shall be protected by proper circuit opening devices approved by the Company. Motors which are frequently started, or motors arranged for automatic control, must be of a type to give maximum starting torque with minimum current flow, and be equipped with controlling devices approved by the Company. If neon, fluorescent and other types of lighting equipment have similar power factor characteristics are installed after the effective date hereof, the customer may be required, upon notice in writing from the Company, to furnish, install, and maintain at the customer's own expense corrective apparatus to increase the power factor of the individual units or the entire group of such units to not less than 90%.

The operation of certain electrical equipment can result in disturbances (e.g., voltage fluctuations, harmonics, etc.) on the Company's transmission and distribution systems which can adversely impact the operation of equipment for other customers. Nonresidential customers are expected to abide by industry standards, such as those contain in ANSI/IEEE 519 or the IEEE/GE voltage flicker criteria, when operating such equipment. In accordance with the Electric Service and Safety Standards, Chapter 4901:1-10-15 (D) of the Ohio Administrative Code, the Company may refuse or disconnect service to nonresidential customers for using electricity or equipment which adversely affects distribution service to other customers. Copies of the applicable criteria will be provided upon request.

The Company's service shall not be operated in parallel with any source or sources of power supply except under special circumstances and upon written consent of the Company.

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P.U.C.O. NO. 7

TERMS AND CONDITIONS OF SERVICE

19. LOCATION AND MAINTENANCE OF COMPANY'S EQUIPMENT

The Company shall have the right to erect and maintain its poles, lines, and circuits on the property, and to place and maintain its transformers and other apparatus on the property or within the buildings of the customer at convenient locations. The customer shall allow the use of suitable space for the installation of necessary measuring instruments so that the latter may be protected from damage.

Transformers and appurtenances placed on the property or within the building shall be housed in accordance with the National Electrical Code in a suitable room or vault provided by the customer and, when installed outside upon a mat or slab, shall be protected by an enclosure erected by the customer to guard against loss, damage or injury to persons or property.

20. COMPANY'S AGENTS NOT EMPOWERED TO CHANGE TARIFFS

No agent or employee of the Company has authority to amend, modify, alter the application, rates, terms, conditions, rules or regulations of the Company on file with the Public Utilities Commission of Ohio, or to make any promises or representations not contained in P.U.C.O. No. 7, supplements thereto and revisions thereof.

21. CHANGE OF RATES OR REGULATIONS

Rules and Regulations and rates contained herein are subject to cancellation or modification upon order or permission of the Public Utilities Commission of Ohio.

22. DISCONNECT PROVISIONS - NON-RESIDENTIAL  
Reasons for Disconnect

The Company reserves the right to discontinue the supply of electric energy and disconnect its lines and remove its property for any of the following reasons:

- A. For any violation of or refusal to comply with the contract and/or the general service rules and regulations on file with the Commission which apply to the customer's service;
- B. In the event the customer uses electricity in a manner detrimental to the service to other customers;
- C. When providing service is in conflict or incompatible with any order of the Commission, laws of the State of Ohio or any political subdivision thereof, or of the federal government or any of its agencies;
- D. When the customer has moved from the premises;

(Continued on Sheet No. 3-9)

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COLUMBUS SOUTHERN POWER COMPANY

1<sup>st</sup> Revised Sheet No. 3-9  
Cancels Original Sheet No. 3-9

P.U.C.O. NO. 7

TERMS AND CONDITIONS OF SERVICE

22. DISCONNECT PROVISIONS - NON-RESIDENTIAL (Cont'd)

E. When supplying electricity to any customer creates a dangerous condition on the customer's premises or where, because of conditions beyond the customer's premises, termination of the supply of electricity is reasonably necessary. Service will not be restored until such dangerous condition or conditions have been corrected;

F. In the event the customer resorts to any fraudulent practice in the obtaining of electricity supplied, or is the beneficiary of any such fraudulent practice, or the Company's meter, metering equipment, or other property used to supply the service has been damaged by the customer, the customer's employees or agents.

Service will not be restored until the customer has given satisfactory assurance that such fraudulent or damaging practice will be discontinued and has paid to the Company an amount estimated by the Company to be reasonable compensation for service fraudulently obtained and not paid for and for any damage to property of the Company including any cost to repair the damage;

G. For repairs, provided that notice to customers will be given prior to scheduled maintenance interruptions in excess of six hours;

H. For non-payment; and

I. Upon the request of the customer.

Suspension of service for any of the above reasons shall not terminate the contract for service. The authorized agents or employees of the Company shall have free access at all reasonable hours to the premises of the customer for purposes of disconnecting and reconnecting service.

23. ESTABLISHMENT OF CREDIT FOR RESIDENTIAL UTILITY SERVICE AND  
DISCONNECT, RECONNECT - PROCEDURES - RESIDENTIAL

The Company's rules for the establishment of credit for residential utility service is governed by Chapter 4901:1-17 of the Ohio Administrative Code, and the Company's disconnect and reconnect procedures for residential customers is governed by Chapter 4901:1-18 of the Ohio Administrative Code. A copy of the above chapters are available for public inspection upon request.

24. DEFINITION OF RESIDENTIAL CUSTOMER

The Residential Customer is a customer whose domestic needs for electrical 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.

(Continued on Sheet No. 3-10)

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TERMS AND CONDITIONS OF SERVICE

24. DEFINITION OF RESIDENTIAL CUSTOMER (Cont'd)

The residential rate schedules do not apply to commercial or industrial service. If a residential unit is used for both residential and commercial purposes, the appropriate general service rate shall apply unless the wiring is so arranged that the residential usage can be separately metered. The hallways and other common facilities of an apartment and condominium building or apartment and condominium complex are to be billed on the appropriate general service rate.

In the event a detached garage or other facility on a Residential Customer's property is separately served and metered, such facility shall accordingly be metered and billed according to the appropriate general service rate.

25. NOMINAL SERVICE VOLTAGES

The Company has established the following nominal service voltages of which at least one of the following characteristics shall be made available to a customer, the particular voltage and service characteristics to be at the option of the Company:

Secondary Distribution System - Alternating current, 60 cycles at nominal voltages of 120, 120/208, 120/240 or 240/480 volts, single phase; and 120/208, 120/240, 240, 240/480, 227/480, 480, 2400 and 2400/4160 volts, 3 phase.

Primary Distribution System - Alternating current, 60 cycles at nominal voltages of 12,470, 13,200, 13,800 and 34,500 volts, 3 phase.

Subtransmission - Alternating current, 60 cycles, 3 phase at nominal, unregulated voltage of 40,000 volts or 69,000 volts.

Transmission - Alternating current, 60 cycles, 3 phase at nominal, unregulated voltage of 138,000 volts.

The Company shall design and operate its system so that under normal operating conditions the voltage delivered at the customer's service entrance, for the voltages listed above, is maintained within the range of plus or minus 5% of the nominal voltage. Wherever voltages shall 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.

(Continued on Sheet No. 3-11)

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TERMS AND CONDITIONS OF SERVICE

26. INTERVAL METERING INSTALLATIONS

A customer may request an interval meter. The cost of any interval metering facilities installed by the Company as a result of such request shall be paid by the customer. The customer shall make a one-time payment for the metering facilities at the time of installation of the requested facilities, or, at the customer's option, up to 24 consecutive equal monthly payments reflecting an annual interest charge as determined by the Company, but not to exceed the cost of the Company's most recent issue of long-term debt. If the customer elects the installment payment option, the Company shall require an initial payment to 25% of the total cost of the metering facilities.

In addition, the customer shall pay a net charge to cover the incremental cost of operation and maintenance and meter data management associated with such interval metering as follows. Charges are for service performed on a Company installed standard interval meter.

Service Performed During Normal Business Hours	Charge (\$)
Connect phone line to meter at a time other than the initial interval meter installation	54.00
Perform manual meter reading	39.00
Check phone line and perform manual meter reading due to communication loss	44.00
Repair/replace surge protector	65.00
Repair/replace interval board	146.00
Repair/replace modem board	236.00
Repair/replace interval and modem boards	304.00

The customer may select a meter from the Company's approved equipment list. The customer may communicate with the meter for the purpose of obtaining usage data, subject to the Company's communication protocol. The customer is responsible for providing the telephone line for purposes of reading the meter.

27. PRE ENROLLMENT CUSTOMER INFORMATION LIST

The Company will offer to CRES Providers the Pre-Enrollment Customer Information List with updates available quarterly throughout the Market Development Period. Customers have the option to remove all of their information (including name, address and historical usage data) from the Customer Information List. Customers may also reinstate their information to the Customer Information List. Customers will be notified of such options quarterly throughout the Market Development Period.

(Continued on Sheet No. 3-12)

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TERMS AND CONDITIONS OF SERVICE

28. EXTENSION OF LOCAL FACILITIES

The Company shall construct suitable electric transmission and distribution facilities under this line extension policy to serve customer premises when the customer can not be served from existing electrical facilities.

Customers requesting new or expanded electric service shall submit detailed and complete information which may include but not be limited to switch size, requested delivery voltage, total estimated load, listing of connected loads, operating characteristics, site survey plans (showing other utilities or underground infrastructure) and first floor elevations before the Company can develop a plan of service and prepare a construction cost estimate.

The Company will determine the modifications to the Company's transmission and/or distribution facilities required to provide for a basic service plan to serve the customer's load. The Company will design, construct, own, operate and maintain the line extension and all other equipment installed to serve the customer's load up to the point of service for each customer.

Upon receipt of the necessary information from the customer, the Company will comply with Chapter 4901:1-9-07 of the Ohio Administrative Code and exercise its best efforts to expedite the entire process for developing a service plan and preparing a cost estimate.

The Company shall have no obligation to extend, expand or rearrange its facilities if it determines that the existing facilities are adequate to serve the customer's electrical load.

Definitions Used in This Section

1. "Basic service plan" means the least cost line extension design using sound engineering practices which meet and/or exceed the National Electrical Safety Code and the Company's construction standards.
2. "Contribution in aid of construction or CIAC" means any amount of money or property contributed to the Company to the extent that the purpose of the contribution is to provide for line extensions for new or expanded customer loads.
3. "Cost estimate" means the detailed projected expenditure, including material costs and overhead, equipment costs and overhead, labor costs and overhead, and all taxes associated with each major material and service component, required for a line extension. It shall also separately identify any incremental costs associated with providing premium services. The Company may, for the purpose of standardization, establish standard construction cost estimates, for basic or premium service plans, which shall not exceed, in any event, the average cost of constructing such line extensions in the area involved, in which case the term "cost estimate" as used in this section will be understood to mean the standard estimate thus established.

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## P.U.C.O. NO. 7

## TERMS AND CONDITIONS OF SERVICE

## 28. EXTENSION OF LOCAL FACILITIES (Cont'd)

4. "Line extension" means the provision of facilities (including, but not limited to, poles, fixtures, wires, and appurtenances) necessary for delivering electrical energy from the point of origin to one or more of the customer's points of delivery. Facilities provided by the Company to maintain, protect, upgrade, or improve its overall distribution system (even if necessary due to a customer's load addition) are not considered part of a line extension.
5. "Multifamily installation" means any line extension to a new residential dwelling that will have two or more dwelling units, where each unit has a separate account for electric service.
6. "Permanent" means a) a structure that has a permanently installed pressurized domestic water system and septic/sewer system which complies with local codes/regulations and is approved for use by the respective sanitation jurisdictional authority, or b) a structure that is approved for installation on a foundational support that is either a mortared masonry pier/column configuration, a poured concrete slab, or a poured concrete footer and mortared masonry walls on the perimeter of the structure.
7. "Point of origin" means the point where a line extension under this rule connects with and receives energy from any existing transmission or distribution equipment. The point of origin shall be the nearest practical point to the customers to be served by the line extension at which the appropriate voltage level is available.
8. "Premium service" includes, but is not limited to, customer-requested oversizing of facilities, underground construction, three-phase residential service, and any customer request that is in excess of standard construction and requirements necessary to provide electric service to the customer.

Line Extensions

1. For line extensions to residential single family homes, both individual homes and homes in a development, unless noted otherwise, the following shall apply:
  - a. The Company shall be responsible for all costs, excluding the incremental costs of premium services (the sum of the Company's cost to provide the premium installation minus the Company's cost of a standard, single-phase installation), up to five thousand dollars.
  - b. The customer shall be responsible for the incremental costs of premium services prior to the start of construction.
  - c. The customer shall make arrangements with the Company for the payment of the non-premium line extension costs that exceed five thousand dollars. The Company shall afford the nondeveloper, individual homeowner the option of paying those costs, plus carrying costs, on a prorated monthly basis for up to fifty months.
2. For line extensions to residential, non-master-metered, multifamily installations (two or more units) the following shall apply:

(Continued on Sheet No. 3-14)

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TERMS AND CONDITIONS OF SERVICE

28. EXTENSION OF LOCAL FACILITIES (Cont'd)

- a. The Company shall be responsible for all costs, excluding the incremental costs of premium services (the sum of the Company's cost to provide the premium installation minus the Company's cost of a standard, single-phase installation), up to twenty-five hundred dollars per unit.
  - b. The customer shall be responsible for the incremental costs of premium services prior to the start of construction.
  - c. The customer shall make arrangements with the Company for the payment of the non-premium line extension costs that exceed twenty-five hundred dollars per unit.
3. For line extensions to nonresidential customers the following shall apply:
- a. The Company shall be responsible for sixty per cent of the total cost of the line extension, excluding the incremental costs of premium services (the sum of the Company's cost to provide the premium installation minus the Company's cost to install, in accordance with good utility practice, a standard line extension to the project).
  - b. The customer shall be responsible for forty per cent of the total cost of the line extension plus the incremental costs of premium services prior to the start of construction.
  - c. If a substation is required as part of the line extension project to a customer, the customer shall be given the option of building (pursuant to all applicable electrical standards), owning, and maintaining such substation.
4. The payment for premium services and for the cost of residential construction in excess of the limits of five thousand dollars for single-family residences and twenty-five hundred dollars per unit for multifamily residences shall be considered as contribution in aid of construction (CIAC) and shall be grossed-up by the effect of applicable taxes.
5. Costs attributed to land clearance activity, trenching, and backfilling required for the installation of line extension facilities on the customer's property are the responsibility of the customer.
6. All line extensions shall be the property of and shall be operated and maintained by the Company.
7. The Company shall have the right to use any line extension in furnishing service to any applicant located adjacent to such line extension and the further right to construct other extensions from the distribution facilities so constructed.
8. Any customer who paid to the Company a CIAC, other than for premium services, may be entitled to a refund of a portion of the CIAC paid in accordance with the following:

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TERMS AND CONDITIONS OF SERVICE

28. EXTENSION OF LOCAL FACILITIES (Cont'd)

- a. If any new customer, within fifty months of the completion of a line extension project for which an existing customer has paid to the Company a CIAC, utilizes all or part of the facilities for which the CIAC has been paid, the existing customer who paid the CIAC may be entitled to a refund which represents a pro rata portion of the original CIAC calculated to equitably share the CIAC responsibility for those facilities used in service by both the new and original customer.
- b. If any new additional customer, within fifty months of the completion of the line extension project for which existing customers have paid to the Company a CIAC, utilizes all or part of the facilities for which a CIAC has been paid, any existing customers who paid the CIAC may also be entitled to a refund.
- c. Any refunds made under a. or b., above shall be after payment has been received from the new customer.

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Applicable Riders

Rider Description	Standard Service	Open Access Distribution Service	Sheet No.
Universal Service Fund Rider	Yes	Yes	60-1
KWH Tax Rider	Yes	Yes	62-1
Provider of Last Resort Charge Rider	Yes	Yes	69-1
Electronic Transfer Rider	Yes	Yes	70-1
Monongahela Power Litigation Termination Rider	Yes	Yes	73-1
Transmission Cost Recovery Rider	Yes		75-1
Fuel Adjustment Clause Rider	Yes		80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	Yes	Yes	81-1
Economic Development Cost Recovery Rider	Yes	Yes	82-1
Enhanced Service Reliability Rider	Yes	Yes	83-1
gridSMART® Rider	Yes	Yes	84-1
Environmental Investment Carrying Cost Rider	Yes		85-1
Standard Offer Generation Service Rider	Yes		88-1
Distribution Investment Rider	Yes	Yes	89-1
Generation Resource Rider	Yes	Yes	91-1
Alternative Energy Rider	Yes		92-1
Phase-In Recovery Rider	Yes	Yes	93-1
Market Transition Rider	Yes	Yes	94-1
Generation NERC Compliance Cost Recovery Rider	Yes	Yes	95-1
Facility Closure Cost Recovery Rider	Yes	Yes	96-1
Carbon Capture and Sequestration Rider	Yes	Yes	97-1

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P.U.C.O. NO. 7

# MISCELLANEOUS DISTRIBUTION CHARGES

## COLLECTION CHARGE

When any bill for electric service by the Company is not paid within fifteen days after the due date thereon, a collection charge of \$8.00 will be assessed if a collection trip to the customer's premises is made.

During the period from November 1 through April 15, the Company makes a second trip 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.

The collection charge of \$8.00 will be assessed to the account every time a collection trip is made. The Company, normally, would make no more than two trips per month to any one customer's premises.

## BAD CHECK CHARGE

When a check received from a customer in payment for service rendered is not honored by the bank the customer will be charged \$6.00 to pay the additional cost incurred by the Company for processing the check, unless the customer shows that the bank was in error.

## RECONNECTION CHARGE

When service has been terminated for nonpayment, the following charges shall apply for reconnection of service.

### During Normal Business Hours

Reconnect at Meter	\$11.30
Reconnect at Pole	60.00
Remove and Reset Meter	28.00
Install Locking Device and Reconnect	38.00

### Other Than Normal Business Hours

### Off-Shift

### Sunday

Reconnect at Meter	\$ 80.00	\$105.00
Reconnect at Pole	180.00	230.00

Normal hours for reconnection are 7:30 A.M. to 4:00 P.M. all weekdays excluding holidays.

When service has been terminated, at the customer's request, for non-credit related reasons, the customer will be assessed a \$30.00 charge for the disconnection, as well as a \$30.00 charge for the subsequent reconnection.

(Continued on Sheet No. 5-2)

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P.U.C.O. NO. 7

MISCELLANEOUS DISTRIBUTION CHARGES

METER TEST CHARGE

The Company will test the meter at the request of the customer. The first test shall be at no charge to the customer. The Company shall charge \$28.00 for any subsequent tests performed at the customer's request and the meter is found to be registering accurately.

TAMPERING/INVESTIGATION CHARGE

When service has been obtained through fraudulent or damaging practices, the customer will be charged a minimum fee of \$25.00 for the Company to investigate and inspect the premises. The customer will pay addition charges for any and all costs of disconnection as well as the costs of repairing or replacing damaged equipment based on the customer's individual situation.

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MINIMUM REQUIREMENTS FOR DISTRIBUTION SYSTEM INTERCONNECTION

Applicability

This schedule is applicable to any customer with cogeneration, small power production facilities, and/or other on-site facilities producing electrical energy who wishes to operate such facilities in parallel with the Company's distribution system at voltages up to 35 kV. This schedule is not applicable to the interconnection and parallel operation of facilities which the Federal Energy Regulatory Commission has determined to be subject to its jurisdiction. A customer who has a facility that does not qualify for simplified interconnection pursuant to the PUCO's distribution interconnection rules (O.A.C. § 4901:1-22) (Commission Rules) and the Company's technical requirements for interconnection (Technical Requirements), incorporated herein by reference, may negotiate a separate interconnection agreement with the Company and the terms and conditions of this schedule shall apply to such customers to the extent that the negotiated interconnection agreement does not conflict with this schedule.

Purpose

The purpose of this schedule is to implement Ohio Revised Code Section 4928.11, which calls for uniform interconnection standards that are not unduly burdensome or expensive and also ensure safety and reliability, to the extent governing authority is not preempted by federal law. This schedule states the terms and conditions that govern the interconnection and parallel operation of a customer's facility with the Company's distribution system.

Customer Request For Interconnection

Any customer seeking to physically connect facilities to the Company's distribution system, which facilities may be used in parallel operation with the Company's distribution system, shall file an interconnection application and sign an interconnection agreement with the Company. For facilities for which the referenced Technical Requirements are applicable, the customer and Company shall execute a simplified interconnection agreement. For all other facilities, the customer and the Company shall execute an interconnection agreement which may be different from the simplified agreement, but which shall conform with the provisions of this schedule, to the extent applicable. Copies of all applicable forms and the Company's Technical Requirements are available upon request.

To the extent possible, interconnection to the Company's distribution system shall take place within the following time frames:

1. Where no construction is required by the Company and the facility qualifies for simplified interconnection pursuant to the review procedure contained in the Commission Rules, interconnection shall be permitted within four weeks of the Company's receipt of a completed interconnection application in compliance with the terms and conditions of this schedule. Prior to actual interconnection, the customer must execute the interconnection agreement.

(Continued on Sheet No. 6-2)

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MINIMUM REQUIREMENTS FOR DISTRIBUTION SYSTEM INTERCONNECTION

Customer Request For Interconnection (Cont'd)

2. Where construction or system upgrades of the Company's distribution system are required, the Company shall provide the customer, in a timely fashion, an estimate of the schedule and the customer's cost for the construction or upgrades. If the customer desires to proceed with the construction or upgrades, the customer and the Company shall enter into a contract. The contract shall contain a construction schedule listing target commencement and completion dates, and an estimate of the customer's costs for construction or upgrades. Assuming the customer is ready, the interconnection shall take place no later than two weeks following the completion of such construction or upgrades. The Company shall employ best reasonable efforts to complete such system construction or upgrades in the shortest time reasonably practical.
3. All interconnection applications shall be processed by the Company in a non-discriminatory manner. The Company shall promptly provide the customer a written notice of the Company's receipt of the application. The Company will endeavor to place such notice in the U.S. Mail or respond by Email within three business days after the application has been received by the Company's personnel designated on the application form. The Company shall provide the customer with a copy of the review procedure and a target date for processing the application. If the application is viewed as incomplete, the Company must provide a written notice within 10 days of receipt of the application by the Company's personnel designated on the application form that the application is not complete together with a description of the information needed to complete the application and a statement that processing of the application cannot begin until the information is received. The Company's target date shall permit interconnection in a timely manner pursuant to the requirements of the Commission Rules. Interconnection applications will be processed in the order that they are received. It is recognized that certain interconnection applications may require minor modifications while they are being reviewed by the Company. Such minor modifications to a pending application shall not require that it be considered incomplete and treated as a new or separate application. Minor modifications would not include at least the following: changes in facility size or location; any change requiring a new impact study; or any other substantive change.
4. If the Company determines that it cannot connect the customer's facility within the time frames required by the Commission Rules, the Company will notify the customer in writing of that fact as soon as possible. The notification will identify the reason or reasons the interconnection could not be completed within the time frames stated, and provide an estimated date for completion. This section shall not limit the rights of a customer for relief under Ohio Revised Code Chapter 4905.

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## MINIMUM REQUIREMENTS FOR DISTRIBUTION SYSTEM INTERCONNECTION

### Technical Requirements

The Company shall maintain a copy of the Technical Requirements at its business office such that the Technical Requirements are readily available to the public. The Company shall provide the Commission Staff with a copy of the Technical Requirements. Standards adopted by IEEE shall supersede the applicable provisions of the Company's Technical Requirements effective the date that IEEE adopts such standards. However, any interconnection made or initiated prior to the adoption of any national standard promulgated by IEEE shall not be subject to that standard. Regarding any IEEE minimum standard, or any guideline that the IEEE may promulgate, the Company may amend the Technical Requirements to the minimum extent required to address unique local conditions, and shall provide such amendments to the Staff and make such amendments available to customers. All Technical Requirements, including superseding standards adopted by IEEE, are incorporated herein by reference.

### Metering

Any metering installation, testing, or recalibration required by the installation of the customer's generation facilities shall be provided consistent with the Electric Service and Safety Standards pursuant to Ohio Revised Code Chapter 4928, and specifically O.A.C. § 4901:1-10-05 (Metering) and, as applicable, § 4901:1-10-28 (C) (Net Metering).

### Liability Insurance

Prior to interconnection with the Company, the customer must provide the Company with proof of insurance or other suitable financial instrument sufficient to meet its construction, operating and liability responsibilities pursuant to this schedule. At no time shall the Company require that the applicant negotiate any policy or renew any policy covering any liability through a particular insurance company, agent, solicitor, or broker. The Company's receipt of evidence of liability insurance does not imply an endorsement of the terms and conditions of the coverage.

### System Impact and Facilities Studies

For those facilities that do not qualify for simplified interconnection pursuant to the review procedures included in the Commission Rules, the Company may require a supplemental review, service study, coordination study, facilities study or Company system impact study prior to interconnection. In instances where such studies are required, the scope of such studies shall be based on the characteristics of the particular generation facility to be interconnected and the Company's system at the specific proposed location. By agreement between the Company and the customer, studies related to interconnection of the generation facility may be conducted by a qualified third party. The cost of an impact facilities study performed by the Company shall be included in the costs set forth in the Interconnection Fees section of this schedule. The Company shall provide the customer with a target date for completion of any required system impact or facilities study. Any such study conducted by the Company shall be shared with the customer.

(Continued on Sheet No. 6-4)

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## MINIMUM REQUIREMENTS FOR DISTRIBUTION SYSTEM INTERCONNECTION

### Interconnection Fees

The Company shall not charge any fees for interconnection other than those authorized by this schedule. Fees contained herein apply to each installation at the Company's distribution voltages up to 35 kV.

The Company shall charge each customer that applies for interconnection service an application fee as set forth in the Commission Rules. Fees for customer applications for interconnection that meet the qualifications for level 1, level 1.1 or level 1.2 simplified review procedures will be based on the actual costs per one-tenth of an hour of time spent by Company personnel on the simplified review. Customer applications for interconnection that meet the qualifications for level 2 expedited review will be subject to an application fee of \$50, plus one dollar per kilowatt of the applicant's system nameplate capacity rating. Interconnection customers whose facilities qualify for level 3 standard review procedures shall pay an application fee of \$100, plus two dollars per kilowatt of the applicant's system nameplate capacity rating.

Level 2 and level 3 interconnection review processes may require that one or more interconnection studies be performed to determine the feasibility, system impact, and cost of safely connecting the customer's generation facilities to the Company's distribution system. As specified in the Commission Rules, the cost of engineering work done as part of any feasibility, system impact or facilities study shall be billed to the customer at the Company's actual cost of performing such study.

### Additional Fees

The customer is responsible for all equipment and installation costs of the customer's facility.

The customer shall pay any additional charges, as determined by the Company, for equipment, labor, metering, testing or inspections requested by the customer.

### Construction or Upgrade Fees

If the interconnection requires construction or an upgrade of the Company's system which, save for the generation facility would not be required, the Company will assess the customer the actual cost including applicable taxes of such construction or upgrade. Payment terms for such construction or upgrade will be agreed to and specified in the construction contract. The Company and the customer may negotiate for alternatives in order to reduce any costs or taxes applicable thereto.

### Resolution of Disputes

The Company or the customer who is a non-mercantile, non-residential customer may seek resolution of any disputes which may arise out of this schedule, including the interconnection and the referenced Technical Requirements in accordance with the Commission Rules.

(Continued on Sheet No. 6-5)

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MINIMUM REQUIREMENTS FOR DISTRIBUTION SYSTEM INTERCONNECTION

Special Terms and Conditions of Service

This schedule is subject to the Company's Terms and Conditions of Service and all provisions of the standard service schedule under which the customer takes service. If applicable, the customer shall also take the appropriate service under the provisions of Schedule COGEN/SPP, Schedule SBS and/or Schedule NEMS.

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COLUMBUS SOUTHERN POWER COMPANY

2<sup>nd</sup> Revised Sheet No. 10-1  
Cancels 1<sup>st</sup> Revised Sheet No. 10-1

P.U.C.O. NO. 7

SCHEDULE R-R  
(Residential Service)

Availability of Service

Available for residential electric service through one meter to individual residential customers, including those on lines subject to the Rural Line Extension Plan.

Monthly Rate (Schedule Code 013)

	Generation	Distribution	Total
Customer Charge (\$)	—	4.52	4.52
Energy Charge (\$ per KWH):			
Winter:			
For the first 800 KWH used per month	2.72515	2.98899	5.71414
For all KWH over 800 KWH used per month	—	0.57028	0.57028
Summer:			
For the first 800 KWH used per month	2.72515	2.98899	5.71414
For all KWH over 800 KWH used per month	2.72515	2.98899	5.71414

Seasonal Periods

The winter period shall be the billing months of October through May and the summer period shall be the billing months of June through September.

Minimum Charge

- (a) The minimum monthly charge for service on lines not subject to the Rural Line Extension Plan shall be the Customer Charge.
- (b) The minimum monthly charge for electric service supplied from lines subject to the Rural Line Extension Plan shall, for the initial contract period of four years, be the amount provided in the "Definitions, Rules and Regulations for Rural Line Extension Plan," but in no event shall be less than the Customer Charge.

Storage Water Heating Provision

Availability of this provision is limited to those customers served under this provision as of December 31, 2000.

If the customer installs a Company approved storage water heating system which consumes electrical energy only during off-peak hours as specified by the Company and stores hot water for use during on-peak hours, the following shall apply:

- (a) For minimum capacity of 80 gallons, the last 300 KWH of use in any month shall be billed at the Storage Water Heating Energy Charge. (Schedule Code 016)

(Continued on Sheet No. 10-2)

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AEP Ohio

COLUMBUS SOUTHERN POWER COMPANY

1<sup>st</sup> Revised Sheet No. 10-2  
Cancels Original Sheet No. 10-2

P.U.C.O. NO. 7

**SCHEDULE R-R  
(Residential Service)**

**Storage Water Heating Provision (Cont'd)**

- (b) For minimum capacity of 100 gallons, the last 400 KWH of use in any month shall be billed at the Storage Water Heating Energy Charge. (Schedule Code 017)
- (c) For minimum capacity of 120 gallons or greater, the last 500 KWH of use in any month shall be billed at the Storage Water Heating Energy Charge. (Schedule Code 018)

	Generation	Distribution	Total
Storage Water Heating Energy Charge (¢ per KWH)	1.23349	0.03805	1.27154

These provisions, however, shall in no event apply to the first 200 KWH used in any month, which shall be billed in accordance with the "Monthly Rate" as set forth above.

For purpose of this provision, the on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

The Company reserves the right to inspect at all reasonable times the storage water heating system and devices which qualify the residence for service under the storage water heater provision, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that in its sole judgment the availability conditions of this schedule are being violated, it may discontinue billing the customer under this provision and commence billing under the standard monthly rate.

This provision is subject to the Customer Charge as stated in the above monthly rate.

**Load Management Water Heating Provision (Schedule Code 011)**

Availability of this provision is limited to those customers served under this provision as of December 31, 2000.

For residential customers who install a Company-approved load management water heating system which consumes electrical energy primarily during off-peak hours specified by the Company and stores hot water for use during on-peak hours, of minimum capacity of 80 gallons, the last 250 KWH of use in any month shall be billed at the Load Management Water Heating Energy Charge.

	Generation	Distribution	Total
Load Management Water Heating Energy Charge (¢ per KWH)	1.23349	0.03805	1.27154

(Continued on Sheet No. 10-3)

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AEP Ohio



## COLUMBUS SOUTHERN POWER COMPANY

1<sup>st</sup> Revised Sheet No. 10-3  
Cancels Original Sheet No. 10-3

P.U.C.O. NO. 7

SCHEDULE R-R  
(Residential Service)Load Management Water Heating Provision (Cont'd)

This provision, however, shall in no event apply to the first 200 KWH used in any month, which shall be billed in accordance with the "Monthly Rate" as set forth above.

For purpose of this provision, the on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

The Company reserves the right to inspect at all reasonable times the load management storage water heating system and devices which qualify the residence for service under the Load Management Water Heating Provision, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that in its sole judgment the availability conditions of this provision are being violated, it may discontinue billing the customer under this provision and commence billing under the standard monthly rate.

Payment

Bills are due and payable in full by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 15 days after the mailing of the bill.

Applicable Riders

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders: Commission-approved riders on Sheet Number 4-1.

Rider	Sheet No.
<del>Universal Service Fund Rider</del>	<del>60-1</del>
<del>Advanced Energy Fund Rider</del>	<del>61-1</del>
<del>KWH Tax Rider</del>	<del>62-1</del>
<del>Provider of Last Resort Charge Rider</del>	<del>69-1</del>
<del>Monongahela Power Litigation Termination Rider</del>	<del>73-1</del>
<del>Transmission Cost Recovery Rider</del>	<del>75-1</del>
<del>Fuel Adjustment Clause Rider</del>	<del>80-1</del>
<del>Energy Efficiency and Peak Demand Reduction Cost Recovery Rider</del>	<del>81-1</del>
<del>Economic Development Cost Recovery Rider</del>	<del>82-1</del>
<del>Enhanced Service Reliability Rider</del>	<del>83-1</del>
<del>gridSMART Rider</del>	<del>84-1</del>
<del>Environmental Investment Carrying Cost Rider</del>	<del>85-1</del>

(Continued on Sheet No. 10-4)

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 10-4

P.U.C.O. NO. 7

**SCHEDULE R-R  
(Residential Service)**

**Term of Contract**

A written agreement may, at the Company's option, be required.

**Special Terms and Conditions**

This schedule is subject to the Company's Terms and Conditions of Service.

This schedule is intended for single phase service. Where the residential customer requests three-phase service, this schedule will apply if the residential customer pays to the Company the difference between constructing single-phase service and three-phase service.

Customers with cogeneration and/or small power production facilities shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company.

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COLUMBUS SOUTHERN POWER COMPANY

2<sup>nd</sup> Revised Sheet No. 11-1  
Cancels 1<sup>st</sup> Revised Sheet No. 11-1

P.U.C.O. NO. 7

**SCHEDULE R-R-1**  
**(Residential Small Use Load Management Service)**

Availability of Service

Available for residential electric service through one meter to individual residential customers who normally do not use more than 600 KWH per month during the summer period, including those on lines subject to the Rural Line Extension Plan. Any new customer or an existing customer who changes service location will be billed under Schedule R-R until the first billing month during the summer period.

Monthly Rate (Schedule Code 014)

	Generation	Distribution	Total
Customer Charge (\$)	—	4.52	4.52
Energy Charge (¢ per KWH):			
Winter:			
For the first 700 KWH used per month	2.06769	2.74267	4.81036
For the next 100 KWH used per month	2.06769	2.74267	4.81036
For all KWH used over 800 KWH used per Month	—	0.57028	0.57028
Summer			
For the first 700 KWH used per month	2.06769	2.74267	4.81036

In any summer billing month if usage exceeds 700 KWH, billing will be rendered that month under Schedule R-R and thereafter for all subsequent months through the four months of the next summer period.

Seasonal Periods

The winter period shall be the billing months of October through May and the summer period shall be the billing months of June through September.

Minimum Charge

- (a) The minimum monthly charge for service on lines not subject to the Rural Line Extension Plan shall be the Customer Charge.
- (b) The minimum monthly charge for electric service supplied from lines subject to the Rural Line Extension Plan shall, for the initial contract period of four years, be the amount provided in the "Definitions, Rules and Regulations for Rural Line Extension Plan," but in no event shall be less than the Customer Charge.

(Continued on Sheet No. 11-2)

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COLUMBUS SOUTHERN POWER COMPANY

2<sup>nd</sup> Revised Sheet No. 11-2  
Cancels 1<sup>st</sup> Revised Sheet No. 11-2

P.U.C.O. NO. 7

SCHEDULE R-R-1  
(Residential Small Use Load Management Service)Storage Water Heating Provision

Availability of this provision is limited to those customers served under this provision as of December 31, 2000.

If the customer installs a Company approved storage water heating system which consumes electrical energy only during off-peak hours as specified by the Company and stores hot water for use during on-peak hours, the following shall apply:

- (a) For minimum capacity of 80 gallons, the last 300 KWH of use in any month shall be billed at the Storage Water Heating Energy Charge. (Schedule Code 020)
- (b) For minimum capacity of 100 gallons, the last 400 KWH of use in any month shall be billed at the Storage Water Heating Energy Charge. (Schedule Code 021)
- (c) For minimum capacity of 120 gallons or greater, the last 500 KWH of use in any month shall be billed at the Storage Water Heating Energy Charge. (Schedule Code 022)

	Generation	Distribution	Total
Storage Water Heating Energy Charge (\$ per KWH)	1.23349	0.03805	1.27154

These provisions, however, shall in no event apply to the first 200 KWH used in any month, which shall be billed in accordance with the "Monthly Rate" as set forth above. In addition, the KWH billed under this provision shall not apply to the 700 KWH eligibility requirement for service under this schedule.

For purpose of this provision, the on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

The Company reserves the right to inspect at all reasonable times the storage water heating system and devices which qualify the residence for service under the storage water heater provision, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that in its sole judgment the availability conditions of this schedule are being violated, it may discontinue billing the customer under this provision and commence billing under the standard monthly rate.

This provision is subject to the Customer Charge as stated in the above monthly rate.

Load Management Water Heating Provision (Schedule Code 028)

Availability of this provision is limited to those customers served under this provision as of December 31, 2000.

(Continued on Sheet No. 11-3)

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COLUMBUS SOUTHERN POWER COMPANY

1<sup>st</sup> Revised Sheet No. 11-3  
Cancels Original Sheet No. 11-3

P.U.C.O. NO. 7

**SCHEDULE R-R-1**  
**(Residential Small Use Load Management Service)**

**Load Management Water Heating Provision (Cont'd)**

For residential customers who install a Company-approved load management water heating system which consumes electrical energy primarily during off-peak hours specified by the Company and stores hot water for use during on-peak hours, of minimum capacity of 80 gallons, the last 250 KWH of use in any month shall be billed at the Load Management Water Heating Energy Charge.

	Generation	Distribution	Total
Load Management Water Heating Energy Charge (\$ per KWH)	1.23349	0.03805	1.27154

This provision, however, shall in no event apply to the first 200 KWH used in any month, which shall be billed in accordance with the "Monthly Rate" as set forth above. In addition, the KWH billed under this provision shall not apply to the 700 KWH eligibility requirement for service under this schedule.

For purpose of this provision, the on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

The Company reserves the right to inspect at all reasonable times the load management storage water heating system and devices which qualify the residence for service under the Load Management Water Heating Provision, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that in its sole judgment the availability conditions of this provision are being violated, it may discontinue billing the customer under this provision and commence billing under the standard monthly rate.

**Payment**

Bills are due and payable in full by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 15 days after the mailing of the bill.

**Applicable Riders**

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders: Commission-approved riders on Sheet Number 4-1.

(Continued on Sheet No. 11-4)

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Cancels Original Sheet No. 11-4

P.U.C.O. NO. 7

**SCHEDULE R-R-1**  
**(Residential Small Use Load Management Service)**

Applicable Riders (Cont'd)

Rider	Sheet No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Monongahela Power Litigation Termination Rider	73-1
Power Acquisition Rider	74-1
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
gridSMART Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

Term of Contract

A written agreement may, at the Company's option, be required.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Service.

This schedule is intended for single phase service. Where the residential customer requests three-phase service, this schedule will apply if the residential customer pays to the Company the difference between constructing single-phase service and three-phase service.

Customers with cogeneration and/or small power production facilities shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company.

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COLUMBUS SOUTHERN POWER COMPANY

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Cancels 1<sup>st</sup> Revised Sheet No. 12-1

P.U.C.O. NO. 7

**SCHEDULE RLM**  
(Residential Optional Demand Service)

Availability of Service

Available for optional residential electric service through one meter to individual residential customers including those on lines subject to the Rural Line Extension Plan. This schedule provides an incentive for customers to minimize peak demand usage imposed on the Company and requires the installation of demand metering facilities.

Monthly Rate (Schedule Code 019)

	Generation	Distribution	Total
Customer Charge (\$)	—	7.13	7.13
Energy Charge (¢ per KWH):			
Winter:			
For the first 750 KWH used per month	2.33208	3.20795	5.54003
For the next 150 KWH per KW in excess of 5 KW Billing Demand used per month	1.26205	1.11224	2.37429
For all addition KWH used per month	1.47596	0.03805	1.51401
Summer:			
For the first 750 KWH used per month	2.33208	3.20795	5.54003
For the next 150 KWH per KW in excess of 5 KW Billing Demand used per month	2.21534	2.97931	5.19465
For all addition KWH used per month	2.07285	0.03805	2.11090

Seasonal Periods

The winter period shall be the billing months of October through May and the summer period shall be the billing months of June through September.

Minimum Charge

- (a) The minimum monthly charge for service on lines not subject to the Rural Line Extension Plan shall be the Customer Charge.
- (b) The minimum monthly charge for electric service supplied from lines subject to the Rural Line Extension Plan shall, for the initial contract period of four years, be the amount provided in the "Definitions, Rules and Regulations for Rural Line Extension Plan," but in no event shall be less than the Customer Charge.

Storage Water Heating Provision

Availability of this provision is limited to those customers served under this provision as of December 31, 2000.

(Continued on Sheet No. 12-2)

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COLUMBUS SOUTHERN POWER COMPANY

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P.U.C.O. NO. 7

SCHEDULE RLM  
(Residential Optional Demand Service)

Storage Water Heating Provision

If the customer installs a Company approved storage water heating system which consumes electrical energy only during off-peak hours as specified by the Company and stores hot water for use during on-peak hours, the following shall apply:

- (a) For minimum capacity of 80 gallons, the last 300 KWH of use in any month shall be billed at the Storage Water Heating Energy Charge. (Schedule Code 024)
- (b) For minimum capacity of 100 gallons, the last 400 KWH of use in any month shall be billed at the Storage Water Heating Energy Charge. (Schedule Code 025)
- (c) For minimum capacity of 120 gallons or greater, the last 500 KWH of use in any month shall be billed at the Storage Water Heating Energy Charge. (Schedule Code 026)

	Generation	Distribution	Total
Storage Water Heating Energy Charge (\$ per KWH)	1.23349	0.03805	1.27154

These provisions, however, shall in no event apply to the first 200 KWH used in any month, which shall be billed in accordance with the "Monthly Rate" as set forth above.

For purpose of this provision, the on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

The Company reserves the right to inspect at all reasonable times the storage water heating system and devices which qualify the residence for service under the storage water heater provision, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that in its sole judgment the availability conditions of this schedule are being violated, it may discontinue billing the customer under this provision and commence billing under the standard monthly rate.

This provision is subject to the Customer Charge as stated in the above monthly rate.

Load Management Water Heating Provision (Schedule Code 027)

Availability of this provision is limited to those customers served under this provision as of December 31, 2000.

(Continued on Sheet No. 12-3)

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COLUMBUS SOUTHERN POWER COMPANY

2<sup>nd</sup> Revised Sheet No. 12-3  
Cancels 1<sup>st</sup> Revised Sheet No. 12-3

P.U.C.O. NO. 7

SCHEDULE RLM  
(Residential Optional Demand Service)Load Management Water Heating Provision (Cont'd)

For residential customers who install a Company-approved load management water heating system which consumes electrical energy primarily during off-peak hours specified by the Company and stores hot water for use during on-peak hours, of minimum capacity of 80 gallons, the last 250 KWH of use in any month shall be billed at the Load Management Water Heating Energy Charge.

	Generation	Distribution	Total
Load Management Water Heating Energy Charge (¢ per KWH)	1.23349	0.03805	1.27154

This provision, however, shall in no event apply to the first 200 KWH used in any month, which shall be billed in accordance with the "Monthly Rate" as set forth above.

For the purpose of this provision, the on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

The Company reserves the right to inspect at all reasonable times the load management storage water heating system and devices which qualify the residence for service under the Load Management Water Heating Provision, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that in, its sole judgment, the availability conditions of this schedule are being violated, it may discontinue billing the customer under this provision and commence billing under the standard monthly rate.

Payment

Bills are due and payable in full by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 15 days after the mailing of the bill.

Applicable Riders

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders: Commission-approved riders on Sheet Number 4-1.

(Continued on Sheet No. 12-4)

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COLUMBUS SOUTHERN POWER COMPANY

1<sup>st</sup> Revised Sheet No. 12-4  
Cancels Original Sheet No. 12-4

P.U.C.O. NO. 7

**SCHEDULE RLM**  
**(Residential Optional Demand Service)**

Applicable Riders (Cont'd)

Rider	Sheet No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Monongahela Power Litigation Termination Rider	73-1
Power Acquisition Rider	74-1
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
gridSMART Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

Determination of Billing Demand

The billing demand shall be the maximum 30-minute integrated kilowatt demand recording of an integrating demand meter during the current billing period.

Term of Contract

The term of contract shall be an initial period of four years under the Rural Line Extension Plan, but in no case shall the contract term be less than one year.

Special Term and Conditions

This schedule is subject to the Company's Terms and Conditions of Service.

This schedule is intended for single phase service. Where the residential customer requests three-phase service, this schedule will apply if the residential customer pays to the Company the difference between constructing single-phase service and three-phase service.

Customers with cogeneration and/or small power production facilities shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company.

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COLUMBUS SOUTHERN POWER COMPANY

2<sup>nd</sup> Revised Sheet No. 13-1  
Cancels 1<sup>st</sup> Revised Sheet No. 13-1

P.U.C.O. NO. 7

**SCHEDULE RS-ES**  
(Residential Energy Storage)

Availability of Service

Available for residential customers who use energy storage devices with time-differentiated load characteristics approved by the Company, such as electric thermal storage space heating and/or cooling equipment and water heaters which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours.

Households eligible to be served under this schedule shall be metered through one single-phase multiple-register meter capable of measuring electrical energy consumption during the on-peak and off-peak billing periods.

Monthly Rate (Schedule Code 032)

	Generation	Distribution	Total
Customer Charge (\$)	—	7.13	7.13
Energy Charge (¢ per KWH):			
For all KWH used during the on-peak billing period	3.59545	5.68236	9.27781
For all KWH used during the off-peak billing period	4.23349	0.03805	4.27154

On-Peak and Off-Peak Hours

For purpose of this provision, the on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Minimum Charge

- (a) The minimum monthly charge for service on lines not subject to the Rural Line Extension Plan shall be the Customer Charge.
- (b) The minimum monthly charge for electric service supplied from lines subject to the Rural Line Extension Plan shall, for the initial contract period of four years, be the amount provided in the "Definitions, Rules and Regulations for Rural Line Extension Plan," but in no event shall be less than the Customer Charge.

(Continued on Sheet No. 13-2)

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## COLUMBUS SOUTHERN POWER COMPANY

3<sup>rd</sup> Revised Sheet No. 13-2  
Cancels 2<sup>nd</sup> Revised Sheet No. 13-2

P.U.C.O. NO. 7

SCHEDULE RS-ES  
(Residential Energy Storage)Conservation and Load Management Credits

For the combination of an approved electric thermal storage space heating and/or cooling system and water heater, all of which are designed to consume electrical energy only during the off-peak period as previously described in this schedule, each residence will be credited the Conservation and Load Management Energy Credit for all KWH used during the off-peak billing period, for a total of 60 monthly billing periods following the installation and use of these devices in such residence.

	Generation	Distribution	Total
Conservation and Load Management Energy Credit (\$ per KWH)	0.75683	—	0.75683

Separate Metering Provision

Customers shall have the option of receiving service under Schedule R-R or Schedule R-R-1 for their general-use load by separately wiring this equipment to a standard residential meter.

Payment

Bills are due and payable in full by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 15 days after the mailing of the bill.

Applicable Riders

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders: Commission-approved riders on Sheet Number 4-1.

Rider	Sheet No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Monongahela Power Litigation Termination Rider	73-1
Power Acquisition Rider	74-1
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
gridSMART Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

(Continued on Sheet No. 13-3)

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 13-3

P.U.C.O. NO. 7

**SCHEDULE RS-ES**  
**(Residential Energy Storage)**

Term of Contract

A written agreement may, at the Company's option, be required.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Service.

The Company reserves the right to inspect at all reasonable times the energy storage and load management devices which qualify the residence for service and for conservation and load management credits under this schedule, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that, in its sole judgment, the availability conditions of this schedule are being violated, it may discontinue billing the customer under this schedule and commence billing under the appropriate residential schedule.

This schedule is intended for single phase service. Where the residential customer requests three-phase service, this schedule will apply if the residential customer pays to the Company the difference between constructing single-phase service and three-phase service.

Customers with cogeneration and/or small power production facilities shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company.

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P.U.C.O. NO. 7

**SCHEDULE RS-TOD**  
**(Residential Time-of-Day Service)**Availability of Service

Available for residential electric service through one single-phase, multi-register meter capable of measuring electrical energy consumption during the on-peak and off-peak billing periods to individual residential customers. Availability is limited to the first 500 customers applying for service under this schedule.

Monthly Rate (Schedule Code 030)

	Generation	Distribution	Total
Customer Charge (\$)	—	7.13	7.13
Energy Charge (\$ per KWH):			
For all KWH used during the on-peak billing period	3.59545	5.68236	9.27781
For all KWH used during the off-peak billing period	1.23349	0.03805	1.27154

On-Peak and Off-Peak Hours

For purpose of this provision, the on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Minimum Charge

- (a) The minimum monthly charge for service on lines not subject to the Rural Line Extension Plan shall be the Customer Charge.
- (b) The minimum monthly charge for electric service supplied from lines subject to the Rural Line Extension Plan shall, for the initial contract period of four years, be the amount provided in the "Definitions, Rules and Regulations for Rural Line Extension Plan," but in no event shall be less than the Customer Charge.

Payment

Bills are due and payable in full by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 15 days after the mailing of the bill.

Applicable Riders

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders: Commission-approved riders on Sheet Number 4-1.

(Continued on Sheet No. 14-2)

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## COLUMBUS SOUTHERN POWER COMPANY

1<sup>st</sup> Revised Sheet No. 14-2  
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## P.U.C.O. NO. 7

**SCHEDULE RS-TOD**  
(Residential Time-of-Day Service)

Applicable Riders (Cont'd)

Rider	Sheet No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Monongahela Power Litigation Termination Rider	73-1
Power Acquisition Rider	74-1
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
gridSMART Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

Term of Contract

A written agreement may, at the Company's option, be required.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Service.

This schedule is intended for single phase service. Where the residential customer requests three-phase service, this schedule will apply if the residential customer pays to the Company the difference between constructing single-phase service and three-phase service.

Customers with cogeneration and/or small power production facilities shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company.

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COLUMBUS SOUTHERN POWER COMPANY

2<sup>nd</sup> Revised Sheet No. 20-1  
Cancels 1<sup>st</sup> Revised Sheet No. 20-1

P.U.C.O. NO. 7

**SCHEDULE GS-1**  
**(General Service - Small)**

Availability of Service

Available for general service to customers with maximum demands less than 10 KW (excluding the demand served by the Load Management Time-of-Day provision).

Monthly Rate (Schedule Codes 202, 206)

	Generation	Distribution	Total
Customer Charge (\$)	—	6.47	6.47
Energy Charge (¢ per KWH):			
For the first 1,000 KWH used per month	5.61653	1.47707	7.09360
For all KWH over 1,000 KWH used per month	2.50670	1.47707	3.98377

Minimum Charge

The minimum monthly charge shall be the Customer Charge.

Delayed Payment Charge

The above schedule is net if full payment is received by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 21 days after the mailing of the bill. On all accounts not so paid, an additional charge of five percent (5%) of the total amount billed will be made. Federal, state, county, township and municipal governments and public school systems not served under special contract are subject to the Public Authority Delayed Payment provision, Supplement No. 21.

Applicable Riders

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders: Commission-approved riders on Sheet Number 4-1.

(Continued on Sheet No. 20-2)

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COLUMBUS SOUTHERN POWER COMPANY

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P.U.C.O. NO. 7

SCHEDULE GS-1  
(General Service - Small)

Applicable Riders (Cont'd)

Rider	Sheet No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Monongahela Power Litigation Termination Rider	73-1
Power Acquisition Rider	74-1
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
gridSMART Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

Term of Contract

A written agreement may, at the Company's option, be required.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Service.

Customers with cogeneration and/or small power production facilities shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company. A time-of-day meter is required to take service under this provision.

Load Management Time-of-Day Provision

Available to customers who use energy storage devices with time-differentiated load characteristics approved by the Company, such as electric thermal storage space heating and/or cooling systems and water heaters which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours, and who desire to receive service under this provision for their total requirements. A time-of-day meter is required to take service under this provision.

(Continued on Sheet No. 20-3)

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## COLUMBUS SOUTHERN POWER COMPANY

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P.U.C.O. NO. 7

SCHEDULE GS-1  
(General Service - Small)Load Management Time-of-Day Provision (Cont'd)

Customers who desire to separately wire their load management load to a time-of-day meter and their general-use load to a standard meter shall receive service for both under the appropriate provisions of this schedule.

Monthly Rate (Schedule Codes 224, 226)

	Generation	Distribution	Total
Load Management Customer Charge (\$)	--	14.41	14.41
Load Management Energy Charge (¢ per KWH):			
For all KWH used during the on-peak billing period	10.72385	3.45859	14.18244
For all KWH used during the off-peak billing period	0.30154	0.03805	0.33959

For purpose of this provision, the on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Optional Unmetered Service Provision

Available to customers who qualify for Schedule GS-1 and use the Company's service for commercial purposes consisting of small fixed electric loads such as traffic signals and signboards which can be served by a standard service drop from the Company's existing secondary distribution system. This service will be furnished at the option of the Company.

Each separate service delivery point shall be considered a contract location and shall be separately billed under the service contract.

The customer shall furnish switching equipment satisfactory to the Company. The Customer shall notify the Company in advance of every change in connected load, and the Company reserves the right to inspect the customer's equipment at any time to verify the actual load. In the event of the customer's failure to notify the Company of an increase in load, the Company reserves the right to refuse to serve the contract location thereafter under this provision, and shall be entitled to bill the customer retroactively on the basis of the increased load for the full period such load was connected plus three months.

(Continued on Sheet No. 20-4)

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P.U.C.O. NO. 7

SCHEDULE GS-1  
(General Service - Small)Optional Unmetered Service Provision (Cont'd)

Calculated energy use per month shall be equal to the contract capacity specified at the contract location times the number of days in the billing period times the specified hours of operation. Such calculated energy shall then be billed as follows:

Monthly Rate (Schedule Codes 077, 078, 204, 214, 732)

	Generation	Distribution	Total
Unmetered Service Customer Charge (\$)	—	3.90	3.90
Unmetered Service Energy Charge (¢ per KWH)	2.47143	1.47707	3.94850

This provision is subject to the Terms and Conditions of Schedule GS-1.

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P.U.C.O. NO. 7

**SCHEDULE GS-2**  
(General Service - Low Load Factor)

Availability of Service

Available for general service to customers with maximum demands of 10 KW or greater (excluding the demand served by the Load Management Time-of-Day provision).

Monthly Rate

Schedule Codes		Generation	Distribution	Total
203,207, 208,209	<b>Secondary Voltage:</b>			
	Customer Charge (\$)	--	9.04	9.04
	Demand Charge (\$ per KW)	--	3.519	3.519
	Off-Peak Excess Demand Charge (\$ per KW)	0.361	--	0.361
	Energy Charge (¢ per KWH)	4.42346	0.03805	4.46151
	Maximum Energy Charge (¢ per KWH)	4.62172	7.07515	11.69687
217,218, 219	<b>Primary Voltage:</b>			
	Customer Charge (\$)	--	115.29	115.29
	Demand Charge (\$ per KW)	--	2.588	2.588
	Off-Peak Excess Demand Charge (\$ per KW)	0.351	--	0.351
	Energy Charge (¢ per KWH)	4.34545	0.03805	4.38350
	Maximum Energy Charge (¢ per KWH)	6.99990	5.21457	12.21447

Minimum and Maximum Charges

Bills computed under the above rate are subject to the operation of minimum and maximum charge provisions as follows:

- (a) Minimum Charge - For demand accounts up to 100 KW - the Customer Charge.  
For demand accounts over 100 KW - the sum of the Customer Charge, the product of the demand charge and the minimum monthly billing demand and all applicable riders.
- (b) Maximum Charge - The sum of the Customer Charge, the product of the Maximum Energy Charge and the metered energy and all applicable riders. This provision shall not reduce the charge specified in the Minimum Charge provision above, (a).

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P.U.C.O. NO. 7

**SCHEDULE GS-2**  
(General Service - Low Load Factor)

Delayed Payment Charge

The above schedule is net if full payment is received by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 21 days after the mailing of the bill. On all accounts not so paid, an additional charge of five percent (5%) of the total amount billed will be made. Federal, state, county, township and municipal governments and public school systems not served under special contract are subject to the Public Authority Delayed Payment provision, Supplement No. 21.

Applicable Riders

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders: Commission-approved riders on Sheet Number 4-1.

Rider	Sheet No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Monongahela Power Litigation Termination Rider	73-1
Power Acquisition Rider	74-1
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
gridSMART Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

Monthly Billing Demand

Energy supplied hereunder will be delivered through not more than one single-phase or one polyphase meter. Billing demand in KW shall be taken each month as the single highest 30-minute integrated peak in kilowatts as registered during the month by a 30-minute integrating demand meter or indicator or, at the Company's option, as the highest registration of a thermal-type demand meter or indicator.

The minimum monthly billing demand established hereunder shall not be less than (a) the minimum billing demand, if any, specified in the service contract or (b) 60% of the customer's highest previously established monthly billing demand during the past 11 months in excess of 100 KW.

The minimum monthly billing demand shall not be less than 25% of the customer's highest previously established monthly billing demand during the past 11 months in excess of 100 KW during the billing months of June through September for customers with more than 50% of their connected load used for space heating purposes.

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**SCHEDULE GS-2**  
**(General Service - Low Load Factor)**

Monthly Billing Demand (Cont'd)

~~Churches, public and parochial schools, and county, township, municipal and civic recreation centers are subject to the Optional Church and School Service provision, Supplement No. 18.~~

The Metered Voltage adjustment, as set forth below, shall not apply to the customer's minimum monthly billing demand.

Optional Time-of-Day Provision

Available to customers who operate primarily during the off-peak period (as set forth below) and request the installation of time-of-day metering in order to receive service under this provision. The customer shall be required to pay the necessary additional metering cost.

For purpose of this provision, the monthly billing demand as defined above shall be determined during the on-peak period. The off-peak excess demand shall be the amount by which the demand created during the off-peak period exceeds the monthly billing demand.

The on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Metered Voltage

The rates set forth in this schedule are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KW values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:

- (a) Measurement taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
- (b) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

Term of Contract

For customers with annual average demand greater than 500 KW, contracts will be required for an initial period of not less than one year and shall remain in effect thereafter until either party shall give at least six months written notice to the other of the intention to discontinue service under the terms of this schedule. For customers with demands less than 500 KW, a written agreement may, at the Company's option, be required.

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P.U.C.O. NO. 7

**SCHEDULE GS-2**  
(General Service - Low Load Factor)

Term of Contract (Cont'd)

A new initial contract period will not be required for existing customers who increase their contract requirements after the original initial period unless new or additional facilities are required. The Company may, at its option, require a longer initial term of contract to fulfill the terms and conditions of service and/or in order to protect the Company's ability to recover its investment of costs over a reasonable period of time.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the appropriate Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Service.

Customers with cogeneration and/or small power production facilities shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company.

This Schedule is also available to customers in the City of Columbus having other sources of energy supply, but who desire to purchase breakdown service from the Company. Where such conditions exist, the customer shall contract for the maximum amount of demand in KW as determined from the customer's connected load or the capacity of transformer and service facilities. Where service is supplied under the provisions of this paragraph, the minimum charge shall be the sum of the Breakdown Service Minimum Demand Charge per KW and the Customer Charge and shall be subject to charges and adjustments under all applicable riders. The customer shall guarantee not to operate the Company's service in parallel with the other source or sources of power supply.

	Generation	Distribution	Total
Breakdown Service Minimum Demand Charge (\$ per KW)	2.099	3.575	5.674

Load Management Time-of-Day Provision

Available to customers who use energy storage devices with time-differentiated load characteristics approved by the Company, such as electric thermal storage space heating and/or cooling systems and water heaters which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours, and who desire to receive service under this provision for their total requirements. A time-of-day meter is required to take service under this provision.

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P.U.C.O. NO. 7

**SCHEDULE GS-2**  
(General Service - Low Load Factor)

Load Management Time-of-Day Provision (Cont'd)

Customers who desire to separately wire their load management load to a time-of-day meter and their general-use load to a standard meter shall receive service for both under the appropriate provisions of this schedule.

The customer shall be responsible for all local facilities required to take service under this provision.

Monthly Rate (Schedule Codes 220, 222)

	Generation	Distribution	Total
Load Management Customer Charge (\$)	—	28.63	28.63
Load Management Energy Charge (¢ per KWH):			
For all KWH used during the on-peak Billing period	7.78362	2.83254	10.61616
For all KWH used during the off-peak Billing period	0.02659	0.03805	0.06464

For purpose of this provision, the on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

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P.U.C.O. NO. 7

**SCHEDULE GS-2-TOD**  
**(General Service – Time-of-Day)**

Availability of Service

Available for general service customers with maximum demands less than 500 KW. Availability is limited to secondary service and the first 1,000 customers applying for service under this schedule.

Monthly Rate (Schedule Codes 228, 230)

	Generation	Distribution	Total
Customer Charge (\$)	—	28.63	28.63
Energy Charge (¢ per KWH):			
For all KWH used during the on-peak billing period	7.78362	2.83254	10.61616
For all KWH used during the off-peak billing period	0.02659	0.03805	0.06464

For purpose of this provision, the on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Minimum Charge

The minimum charge shall be the Customer Charge.

Delayed Payment Charge

The above schedule is net if full payment is received by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 21 days after the mailing of the bill. On all accounts not so paid, an additional charge of five percent (5%) of the total amount billed will be made. Federal, state, county, township and municipal governments and public school systems not served under special contract are subject to the Public Authority Delayed Payment provision, Supplement No. 21.

Applicable Riders

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders: Commission-approved riders on Sheet Number 4-1.

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**SCHEDULE GS-2-TOD**  
**(General Service – Time-of-Day)**

Applicable Riders (Cont'd)

Rider	Sheet No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Monongahela Power Litigation Termination Rider	73-1
Power Acquisition Rider	74-1
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
gridSMART Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

Term of Contract

A written agreement may, at the Company's option, be required.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the appropriate Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Service.

Customers with cogeneration and/or small power production facilities shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company.

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SCHEDULE GS-3  
(General Service - Medium Load Factor)

Availability of Service

Available for general service to customers with maximum demands greater than 50 KW (excluding the demand served by the Load Management Time-of-Day provision).

Monthly Rate

Schedule Codes		Generation	Distribution	Total
240, 241, 242	<b>Secondary Voltage:</b>			
	Customer Charge (\$)	--	119.04	119.04
	Demand Charge (\$ per KW)	9.989	3.291	13.280
	Off-Peak Excess Demand Charge (\$ per KW)	1.301	--	1.301
	Excess KVA Charge (\$ per KVA)	--	0.863	0.863
	Energy Charge (¢ per KWH)	--	0.03805	0.03805
	Maximum Energy Charge (¢ per KWH)	2.50681	6.62047	9.12728
201, 205, 210	<b>Primary Voltage:</b>			
	Customer Charge (\$)	--	265.29	265.29
	Demand Charge (\$ per KW)	9.662	2.498	12.160
	Off-Peak Excess Demand Charge (\$ per KW)	1.260	--	1.260
	Excess KVA Charge (\$ per KVA)	--	0.835	0.835
	Energy Charge (¢ per KWH)	0.00721	0.03805	0.04526
	Maximum Energy Charge (¢ per KWH)	4.64009	5.03384	9.67393

Minimum and Maximum Charges

Bills computed under the above rate are subject to the operation of minimum and maximum charge provisions as follows:

- (a) Minimum Charge - The sum of the Customer Charge, the product of the demand charge and the minimum monthly billing demand and all applicable riders.
- (b) Maximum Charge - The sum of the Customer Charge, the product of the Maximum Energy Charge and the metered energy and all applicable riders. This provision shall not reduce the charge below the amount specified in the Minimum Charge provision above, (a).

(Continued on Sheet No. 23-2)

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COLUMBUS SOUTHERN POWER COMPANY

1<sup>st</sup> Revised Sheet No. 23-2  
Cancels Original Sheet No. 23-2

P.U.C.O. NO. 7

SCHEDULE GS-3  
(General Service - Medium Load Factor)

Delayed Payment Charge

The above schedule is net if full payment is received by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 21 days after the mailing of the bill. On all accounts not so paid, an additional charge of five percent (5%) of the total amount billed will be made. Federal, state, county, township and municipal governments and public school systems not served under special contract are subject to the Public Authority Delayed Payment provision, Supplement No. 21.

Applicable Riders

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders: Commission-approved riders on Sheet Number 4-1.

Rider	Sheet No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Monongahela Power Litigation Termination Rider	73-1
Power Acquisition Rider	74-1
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
gridSMART Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

Monthly Billing Demand

Energy supplied hereunder will be delivered through not more than one single-phase or one polyphase meter. Billing demand in KW shall be taken each month as the single highest 30-minute integrated peak in kilowatts as registered during the month by a 30-minute integrating demand meter or indicator or, at the Company's option, as the highest registration of a thermal-type demand meter or indicator.

The minimum monthly billing demand established hereunder shall not be less than (a) the minimum billing demand, if any, specified in the service contract or (b) 60% of the customer's highest previously established monthly billing demand during the past 11 months or (c) 50 KW.

(Continued on Sheet No. 23-3)

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**SCHEDULE GS-3**  
**(General Service - Medium Load Factor)**

**Monthly Billing Demand (Cont'd)**

The minimum monthly billing demand shall not be less than 25% of the customer's highest previously established monthly billing demand during the past 11 months during the billing months of June through September for customers with more than 50% of their connected load used for space heating purposes.

~~Churches, public and parochial schools, and county, township, municipal and civic recreation centers are subject to the Optional Church and School Service provision, Supplement No. 18.~~

The Metered Voltage adjustment, as set forth below, shall not apply to the customer's minimum monthly billing demand.

**Optional Time-of-Day Provision**

Available to customers who operate primarily during the off-peak period (as set forth below) and request the installation of time-of-day metering in order to receive service under this provision. The customer shall be required to pay the necessary additional metering cost.

For purpose of this provision, the monthly billing demand as defined above shall be determined during the on-peak period. The off-peak excess demand shall be the amount by which the demand created during the off-peak period exceeds the monthly billing demand.

The on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

**Metered Voltage**

The rates set forth in this schedule are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KW values will be adjusted for billing purposes. If the Company elects to adjust KWH and KW based on multipliers, the adjustment shall be in accordance with the following:

- (a) Measurement taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
- (b) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

(Continued on Sheet No. 23-4)

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**SCHEDULE GS-3**  
**(General Service - Medium Load Factor)**

**Determination of Excess Kilovolt-Ampere (KVA) Demand**

The maximum KVA demand shall be determined by the use of a multiplier equal to the reciprocal of the average power factor recorded during the billing period, applied to the metered demand.

The excess KVA demand, if any, shall be the amount by which the maximum KVA demand, established during the billing period, exceeds the greater of (a) 115% of the kilowatts of metered demand, or (b) 100 KVA.

**Term of Contract**

For customers with annual average demand greater than 500 KW, contracts will be required for an initial period of not less than one year and shall remain in effect thereafter until either party shall give at least six months written notice to the other of the intention to discontinue service under the terms of this schedule. For customers with demands less than 500 KW, a written agreement may, at the Company's option, be required.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the appropriate Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.

A new initial contract period will not be required for existing customers who increase their contract requirements after the original initial period unless new or additional facilities are required. The Company may at its option, require a longer initial term of contract to fulfill the terms and conditions of service and/or in order to protect the Company's ability to recover its investment of costs over a reasonable period of time.

**Special Terms and Conditions**

This schedule is subject to the Company's Terms and Conditions of Service.

Customers with cogeneration and/or small power production facilities shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company.

(Continued on Sheet No. 23-5)

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COLUMBUS SOUTHERN POWER COMPANY

2<sup>nd</sup> Revised Sheet No. 23-5  
Cancels 1<sup>st</sup> Revised Sheet No. 23-5

P.U.C.O. NO. 7

**SCHEDULE GS-3**  
(General Service - Medium Load Factor)

Special Terms and Conditions (Cont'd)

This Schedule is also available to customers in the City of Columbus having other sources of energy supply, but who desire to purchase breakdown service from the Company. Where such conditions exist, the customer shall contract for the maximum amount of demand in KW as determined from the customer's connected load or the capacity of transformer and service facilities. Where service is supplied under the provisions of this paragraph, the minimum charge shall be the sum of the Breakdown Service Minimum Demand Charge per KW and the Customer Charge and shall be subject to charges and adjustment under all applicable riders. The customer shall guarantee not to operate the Company's service in parallel with the other source or sources of power supply.

	Generation	Distribution	Total
Breakdown Service Minimum Demand Charge (\$ per KW)	2.099	3.575	5.674

Load Management Time-of-Day Provision

Available to customers who use energy storage devices with time-differentiated load characteristics approved by the Company, such as electric thermal storage space heating and/or cooling systems and water heaters which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours, and who desire to receive service under this provision for their total requirements. A time-of-day meter is required to take service under this provision.

Customers who desire to separately wire their load management load to a time-of-day meter and their general-use load to a standard meter shall receive service for both under the appropriate provisions of this schedule.

The customer shall be responsible for all local facilities required to take service under this provision.

Monthly Rate (Schedule Codes 250, 252)

	Generation	Distribution	Total
Load Management Customer Charge (\$)	--	108.77	108.77
Load Management Energy Charge (\$ per KWH):			
For all KWH used during the on-peak billing period	4.82929	1.63032	6.45961
For all KWH used during the off-peak billing period	--	0.03805	0.03805

For purpose of this provision, the on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

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P.U.C.O. NO. 7

SCHEDULE GS-4  
(General Service - Large)

Availability of Service

Available for general service customers using the Company's standard subtransmission or transmission service with maximum demands in excess of 1,000 KVA.

Monthly Rate (Schedule Codes 311, 312)

	Generation	Distribution	Total
Customer Charge (\$)	--	713.41	713.41
Demand Charge (\$ per KVA):			
First 3,000 KVA	10.030	0.665	10.695
Over 3,000 KVA	4.235	0.665	4.900
Off-Peak Excess Demand Charge (\$ per KVA)	1.500	--	1.500
Energy Charge (¢ per KWH)	--	0.03805	0.03805

Minimum Charge

The minimum charge shall be equal to the sum of the Customer Charge, Demand Charges, and all applicable riders.

Delayed Payment Charge

The above schedule is net if full payment is received by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 21 days after the mailing of the bill. On all accounts not so paid, an additional charge of five percent (5%) of the total amount billed will be made.

Applicable Riders

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders: Commission-approved riders on Sheet Number 4-1.

(Continued on Sheet No. 24-2)

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COLUMBUS SOUTHERN POWER COMPANY

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Cancels Original Sheet No. 24-2

P.U.C.O. NO. 7

**SCHEDULE GS-4**  
**(General Service - Large)**

Applicable Riders (Cont'd)

Rider	Sheet No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Monongahela Power Litigation Termination Rider	73-1
Power Acquisition Rider	74-1
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
gridSMART Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

Monthly Billing Demand

The billing demand in KVA shall be taken each month as the single highest 30-minute integrated peak in KVA, as registered during the month by a demand meter or indicator, but the monthly demand so established shall in no event be less than the greater of (a) the minimum billing demand, if any, specified in the service contract or (b) 60% of the customer's highest previously established monthly billing demand during the past 11 months or (c) 1,000 KVA.

The Metered Voltage adjustment, as set forth below, shall not apply to the customer's minimum monthly billing demand.

Optional Time-of-Day Provision

Available to customers who operate primarily during the off-peak period (as set forth below) and request the installation of time-of-day metering in order to receive service under this provision. The customer shall be required to pay the necessary additional metering cost.

For purpose of this provision, the monthly billing demand as defined above shall be determined during the on-peak period. The off-peak excess demand shall be the amount by which the demand created during the off-peak period exceeds the monthly billing demand

The on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

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SCHEDULE GS-4  
(General Service - Large)

Metered Voltage

The rates set forth in this schedule are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KVA values will be adjusted for billing purposes. If the Company elects to adjust KWH and KVA based on multipliers, the adjustment shall be in accordance with the following:

- (a) Measurement taken at the low-side of a customer-owned transformer will be multiplied by 1.01.
- (b) Measurements taken at the high-side of a Company-owned transformer will be multiplied by 0.98.

Term of Contract

Contracts under this schedule will be made for an initial period of not less than two years and shall remain in effect thereafter until either party shall give at least one year's written notice to the other of the intention to discontinue service under the terms of this schedule.

A new initial contract period will not be required for existing customers who increase their contract requirements after the original initial period unless new or additional facilities are required. The Company may, at its option, require a longer initial term of contract to fulfill the terms and conditions of service and/or in order to protect the Company's ability to recover its investment of costs over a reasonable period of time.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the appropriate Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Service.

A customer's plant is considered as one or more buildings which are served by a single electrical distribution system provided and operated by customer. When the size of the customer's load necessitates the delivery of energy to the customer's plant over more than one circuit, the Company may elect to connect its circuits to different points on the customer's system irrespective of contrary provisions in the Terms and Conditions.

Customers with cogeneration and/or small power production facilities shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company.

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SCHEDULE RIDER IRP-D  
(Interruptible Power - Discretionary)

Availability of Service

Service pursuant to this schedule rider is available to customers taking service under Schedule IRP-D as of December 31, 2011, ~~that have provided reasonable evidence to the Company that their electric service can be interrupted within a 10 minute notice period. Customers shall contract for electrical capacity sufficient to meet normal maximum requirements but not less than 1,000 KVA of interruptible capacity.~~

~~The total interruptible power contract capacity for all customers served under this schedule and all other interruptible power schedules, contracts and agreements offered by the Company, will be limited to 75,000 KVA. Loads of new customers locating within the Company's service area or load expansions by existing customers may be offered interruptible service as part of an economic development or competitive response incentive. Such interruptible service shall not be counted toward the limitation on total interruptible power contract capacity, as specified above, and will not result in a change to the limitation on total interruptible power contract capacity.~~

The Company communicates interruption information to the customer, monitors customer load and receives customer replacement electricity decisions through its Customer Communications System or a successor system. All costs associated with providing the initial, required Customer Communications System will be borne by the customer.

Interruption Conditions

The Company reserves the right to interrupt, in its sole discretion, service under this schedule rider at any time. Such interruptions shall be designated as Discretionary Interruptions and shall not exceed 200 hours of interruption during any year. For the purposes of this provision, a year shall be defined as a consecutive twelve (12) month period commencing on May 1 and ending on April 30. ~~For the partial year of January 1, 2009 through April 30, 2009, the annual limitation on the hours of Discretionary Interruption shall be 66 hours. Discretionary Interruptions will be called simultaneously for all customers served under this rider schedule.~~

In addition to the annual limitation as specified above, the hours of Discretionary Interruption shall be limited as follows:

1. A Discretionary Interruption, beginning and ending as specified in the Interruption Notice provision below, shall constitute one (1) event.
2. A Discretionary Interruption event shall not be less than three (3) consecutive hours, unless there are less than three (3) hours of Discretionary Interruption remaining for the year.
3. There shall not be more than 12 hours of Discretionary Interruption per day.
4. During the calendar months of March through November, there shall not be more than one (1) Discretionary Interruption event per day.

(Continued on Sheet No. 25-2)

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SCHEDULE RIDER IRP-D  
(Interruptible Power - Discretionary)

Interruption Conditions (Cont'd)

5. During the calendar months of December, January and February, there shall not be more than two (2) Discretionary Interruption events per day. Any such Discretionary Interruption events shall be separated by not less than three (3) consecutive hours without Discretionary Interruption.

Emergency Interruptions pursuant to the ~~Capacity & Energy AEP~~ Emergency Operating Plan Control Program, for system integrity purposes or for emergency sales to other utilities, shall not count toward the total hours of interruption specified above or toward the five (5) limits specified above.

Interruption Notice

The Company will endeavor to provide the customer as much advance notice as possible of a Discretionary Interruption. Such notice shall specify the starting and ending hour of the Discretionary Interruption. Discretionary Interruptions shall begin and end on the clock hour. The Company shall provide notice to the customer a minimum of 100 minutes prior to the commencement of a Discretionary Interruption. After such notice, the customer will be required to interrupt service within 100 minutes if so requested by the Company. In emergency situations, the customer will be required to interrupt service immediately.

Failure to Comply With A Request For Interruption

1. If the customer fails to interrupt load as requested by the Company for a Discretionary Interruption, the customer will be required to pay for the entire uninterrupted energy for the duration of the Discretionary Interruption at two (2) times the Replacement Electricity price offered by the Company. The uninterrupted energy will be calculated for each 30-minute period during the Discretionary Interruption as one-half of the difference between the 30-minute integrated demand and the sum of the customer's contract capacities under any schedule where service is not interrupted.
2. If the customer fails to interrupt load as requested by the Company for an Emergency Interruption, the customer will be required to refund all rate discounts received under this schedule rider during the preceding 12 months for the uninterrupted demand. The uninterrupted demand will be calculated as the difference between the maximum 30-minute integrated demand during each Emergency Interruption and the sum of the customer's contract capacities under any schedule where service is not interrupted. The rate discount will be the difference between the demand charge credit as specified in this schedule rider and the Schedule GS-4 demand charge.
3. If the customer fails to interrupt load as requested by the Company during an Emergency Interruption, the Company further reserves the right to:
  - a) Interrupt the customer's entire load.

(Continued on Sheet No. 25-3)

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SCHEDULE RIDER IRP-D  
(Interruptible Power - Discretionary)

Failure to Comply With A Request For Interruption (Cont'd)

- b) Discontinue service to the customer under this ~~schedule-rider~~ if the customer fails to interrupt load twice during any 12-month period as requested by the Company. The Company may thereafter charge the customer, as specified in the Term of Contract provision of this ~~rider-schedule~~, for any additional costs beyond the firm service rate incurred by the Company as a result of the customer transferring to firm service without providing proper notice.

Term of Contract

The customer shall contract for capacity sufficient to meet normal maximum power requirements ~~under the applicable standard service rate schedule, but in~~ no event will the amount of interruptible capacity contracted for be less than 1,000 KWVA at any delivery point. The Company will not be required to supply capacity in excess of that contracted for except by mutual agreement. In the absence of such agreement, if the customer's demand exceeds the contract capacity, the Company may promptly notify the customer to reduce demand and may interrupt the service if such reduction is not accomplished.

Contracts under this ~~schedule-rider~~ shall be made for an initial period of not less than 2 years and shall remain in effect unless either party shall give at least 1-year's written notice to the other of the intention to discontinue service from the Company.

~~A new initial contract period will not be required for existing customers who increase their contract capacity requirements after the original notice period unless new or additional facilities are required, in which case, the Company may, at its option, require a longer initial contract period.~~

While the customer will be required to provide at least 1-year's notice to discontinue service from the Company, the customer will be required to provide 5-year's notice prior to transferring to firm service. Concurrent with providing the Company with notice to transfer to firm service, the customer will also be required to enter into a firm service contract or agreement that will become effective at the end of the notice period.

The customer may transfer to firm service with less than 5-year's notice, upon mutual agreement between the customer and the Company, subject to the following conditions:

1. If the Company has sufficient capacity to provide the customer firm service and would incur no additional costs beyond the firm service rate until after the 5-year contract notice requirement is fulfilled, the customer will be billed under the applicable firm service schedule.
2. If the Company has insufficient capacity to provide the customer firm service prior to the expiration of the notice period, the customer will be billed under the applicable firm service schedule plus all additional costs incurred by the Company in obtaining power from alternative electricity suppliers in order to provide firm service to the customer.

(Continued on Sheet No. 25-4)

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**SCHEDULERIDER IRP-D**  
**(Interruptible Power - Discretionary)**

Term of Contract (Cont'd)

~~Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the applicable Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90 day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.~~

Firm Service Designation

~~In the event the customer requires service which is not subject to interruption as provided for under this schedule, such service shall either be (a) separately supplied and metered under the provisions of a schedule applicable to the type of service which the customer requires or (b) billed under the provisions of Schedule GS-4. If such firm service is billed under the provisions of Schedule GS-4, the customer will not be subject to the minimum contract demand of 1,000 KVA. The customer must designate a firm service contract capacity for such service.~~

Replacement Electricity

When a Discretionary Interruption is called pursuant to the Interruption Conditions provision contained herein, and if requested by the customer, the Company will use its best efforts to supply replacement electricity in order for the customer to avoid an interruption. The customer will be required to specify an hourly KVA ~~KW~~ capacity, in multiples of 1,000-KVA ~~KW~~, of such replacement electricity 65 minutes in advance of the commencement of each hour of the Discretionary Interruption.

The purchase and delivery of such replacement electricity will be subject to the following terms and conditions of service:

1. The customer agrees to pay the price offered by the Company. Such price shall be provided by the Company 100 minutes in advance of the commencement of each hour of the Discretionary Interruption.
2. Best efforts shall mean actions of the Company that are reasonable, prudent and consistent with good utility practice. Best efforts do not include fiduciary or extraordinary actions.
3. Once replacement electricity is being supplied to the customer, if the customer is notified that replacement electricity is no longer available, the terms of this provision will cease to apply and the customer must comply with all other provisions of this ~~schedule~~ rider regarding interruption.
4. If any replacement electricity source fails to deliver scheduled replacement electricity, the Company reserves the right to interrupt service to the customer. Further, the customer will indemnify and hold the Company harmless for any damages to persons or property occurring at the customer's premises resulting from the interruption of the customer when the replacement electricity source fails to deliver replacement electricity as scheduled.

(Continued on Sheet No. 25-5)

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**SCHEDULE RIDER IRP-D**  
(Interruptible Power - Discretionary)

Replacement Electricity (Cont'd)

5. The Company reserves the right to interrupt the sale of replacement electricity to the customer if, in the sole judgement of the Company, such electricity is required to maintain service to the Company's customers with a higher priority of service according to the ~~Capacity & Energy AEP~~ Emergency Operating Plan Control Program, for system integrity purposes or for emergency sales to other utilities. Any such interruption shall be remedied as quickly as reasonably possible and must be preceded by the exhaustion of other reasonable alternatives consistent with good utility practice to avoid the interruption.
6. All costs of any metering, communications and other equipment necessary for providing replacement electricity will be borne by the customer. Such costs will include the costs of any equipment required to verify the scheduled delivery of replacement electricity from a replacement electricity source to the Company.
7. The customer will be responsible for all costs resulting when the demand exceeds the replacement electricity capacity specified by the customer. The Company will compensate the customer for replacement electricity available for, but not used by the customer at a rate of 2.5¢ per KWH, except when the unused replacement electricity causes additional costs to the Company by creating operating instability on the Company's system. If the unused replacement electricity causes additional costs due to system instability, the Company shall notify the customer as soon as possible so the customer can take appropriate action to prevent incurring further costs.

~~The customer may also designate a specific source of replacement electricity to be purchased by the Company during Discretionary Interruptions. The terms and conditions of service under which the Company will purchase designated source replacement electricity will be identical to those listed above for purchases of non-designated source replacement electricity. In addition, customers designating a specific replacement electricity source will also be subject to the following supplemental terms and conditions of service:~~

- ~~1. The Company shall take title to any replacement electricity from a designated source.~~
- ~~2. The procurement of replacement electricity by the Company from designated sources shall not involve the use of inappropriate operating procedures or otherwise negatively affect the Company's ability to meet the requirements of its firm service customers.~~
- ~~3. The customer may specify up to 5 replacement electricity sources at the time the service contract is signed. The customer may change the specified sources no more than once during every 6-month period.~~

(Continued on Sheet No. 25-6)

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SCHEDULERIDER IRP-D  
(Interruptible Power - Discretionary)

Replacement Electricity (Cont'd)

~~When an interruption condition arises, the customer must identify which one(s) of the designated replacement source(s) will supply the replacement energy and notify the Company using the Customer Communications System or a successor system. The customer is responsible for making all arrangements with the designated replacement electricity source(s) and for directing the replacement electricity source(s) to provide an energy schedule to the Company so that energy can be delivered.~~

~~If the customer selects only designated sources for replacement electricity as specified above, and none of the designated sources are able to provide replacement electricity, the customer must interrupt load within 5 minutes of the notification that the designated sources failed to provide replacement electricity. If the customer is notified that the designated sources failed to provide replacement electricity, the terms of this provision will cease to apply and the customer must comply with all other provisions of this schedule regarding interruption.~~

- ~~4. The procurement of replacement electricity by the Company from a designated source shall be subject to the completion of all necessary contracting, including appropriate interchange agreements and/or tariffs, and approval of such contracts, agreements and/or tariffs by any regulatory authority that assumes jurisdiction over such service. Service under PUCO jurisdictional contracts may be implemented subject to final PUCO approval.~~
- ~~5. The Company reserves the right to qualify the designated replacement electricity source(s) specified by the customer. Such qualification criteria may relate to, but not be limited to, the credit worthiness of the replacement electricity source, provision for an analysis by the Company of the technical and operational feasibility of using the replacement electricity source, and the ability of the replacement electricity source to comply with interconnection standards, system integrity and safety provisions established by the Company. The Company will provide to the designated replacement source and to the customer such qualification criteria. All additional costs incurred by the Company to qualify the designated replacement electricity source will be paid by the designated replacement source.~~
- ~~6. The customer will be required to provide the Company with a minimum of 40 minutes' notice for the purpose of arranging for the procurement and delivery of replacement electricity from the source designated by the customer. If requested in advance by the customer, the Company will endeavor to provide replacement electricity from a non-designated source for the period of time until the delivery of replacement electricity from the customer's designated source commences. The cost of replacement electricity from a non-designated source shall be paid for by the customer. The Company will also endeavor to provide replacement electricity to the customer from the customer's designated source prior to the end of the 40-minute notice period whenever possible.~~

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COLUMBUS SOUTHERN POWER COMPANY

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P.U.C.O. NO. 7

**SCHEDULERIDER IRP-D**  
**(Interruptible Power - Discretionary)**

Replacement Electricity (Cont'd)

7. ~~In the event that all or any portion of a supply of designated source replacement electricity is used by the Company to support service to the Company's customers with a higher priority of service according to the Capacity & Energy Emergency Control Program, for system integrity purposes or for emergency sales to other utilities, the customer not receiving the designated source replacement electricity will be entitled to reasonable compensation from the Company for the customer's incurred cost for replacement electricity. The Company will endeavor to utilize other available sources of replacement electricity to supply service to the Company's customers as described above before utilizing all or any portion of a supply of designated source replacement electricity.~~

Supplemental Interruptions

~~In addition to the Discretionary and Emergency Interruptions as specified above, the Company may, in its sole discretion, request the consent of the customer for additional hours of non-emergency interruptions. Such interruptions shall be designated Supplemental Interruptions. The Company and the customer shall mutually agree upon all of the following items prior to a Supplemental Interruption:~~

- ~~1. The Requested Capacity — the amount of capacity in KVA to be curtailed by the customer in each 30-minute interval of the Supplemental Interruption;~~
- ~~2. The starting hour of the Supplemental Interruption;~~
- ~~3. The duration of the Supplemental Interruption; and~~
- ~~4. The Requested Price — the price per KWH to be paid by the Company for Supplemental Energy.~~

~~For each Supplemental Interruption, the Base Level Demand shall be calculated as the average integrated demand for the six (6) 30-minute intervals immediately preceding the Supplemental Interruption.~~

~~For each 30-minute interval during a Supplemental Interruption, the Supplemental Demand shall be calculated as the Base Level Demand less the customer's 30-minute integrated demand during that interval. In no event shall the Supplemental Demand so calculated be greater than the Requested Capacity, nor less than 0. Supplemental Energy shall be calculated as the sum of the Curtailed Demand for all intervals during the Supplemental Interruption, divided by two (2).~~

~~For each 30-minute interval during a Supplemental Interruption, the Noncompliance Demand shall be calculated as the customer's 30-minute integrated demand during that interval plus the Requested Capacity less the Base Level Demand. In no event shall the Noncompliance Demand so calculated be less than 0. Noncompliance Energy shall be calculated as the sum of the Noncompliance Demand for all intervals during the Supplemental Interruption, divided by two (2).~~

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## COLUMBUS SOUTHERN POWER COMPANY

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Cancels 1<sup>st</sup> Revised Sheet No. 25-8

P.U.C.O. NO. 7

**SCHEDULERIDER IRP-D**  
(Interruptible Power - Discretionary)Supplemental Interruptions (Cont'd)

For customers with KVA demands, Supplemental Energy and Noncompliance Energy shall be multiplied by the customer's average monthly power factor.

For each Supplemental Interruption, the Net Curtailment Credit shall be defined as the product of the Supplemental Energy and the Requested Price less the product of the Noncompliance Energy and three (3) times the Requested Price. The Net Monthly Credit shall be equal to the sum of the Net Curtailment Credits for the calendar month. The Net Monthly Credit will be provided to the customer by check within 30 days after the end of the month in which the curtailment occurred. This amount will be recorded in Account 555, Purchased Power, of the Federal Energy Regulatory Commission's Uniform System of Accounts and will be recorded in a subaccount so that the separate identity of this cost is preserved.

In the event that an Emergency Interruption is requested during a Supplemental Interruption or during the period used in the determination of the Base Level Demand, then all 30-minute intervals during the Emergency Interruption shall be excluded for the purposes of this provision.

Monthly Rate

In addition to the monthly charges for service under the applicable standard service rate schedule under which the customer receives service, the customer shall receive a Demand Credit for monthly interruptible demand as follows:

Schedule Codes		Generation	Distribution	Total
336	<b>Secondary Voltage:</b>			
	-Customer Charge (\$)	—	713.41	713.41
	-Demand Charge (\$ per KVA)	3.043	3.873	6.916
	-Off Peak Excess Demand Charge (\$ per KVA)	4.716	—	4.716
	-Energy Charge (\$ per KWH)	—	0.03805	0.03805
337	<b>Primary Voltage:</b>			
	-Customer Charge (\$)	—	713.41	713.41
	-Demand Charge (\$ per KVA)	2.944	2.925	5.869
	-Off Peak Excess Demand Charge (\$ per KVA)	3.563	—	3.563
	-Energy Charge (\$ per KWH)	—	0.03805	0.03805
338	<b>Subtransmission Voltage:</b>			
	-Customer Charge (\$)	—	713.41	713.41
	-Demand Credit Charge (\$ per KWVA)	2.9026.57	4.236	4.138
	-Off Peak Excess Demand Charge (\$ per KVA)	1.509	—	1.509
	-Energy Charge (\$ per KWH)	—	0.03805	0.03805
339	<b>Transmission Voltage:</b>			
	-Customer Charge (\$)	—	713.41	713.41
	-Demand Credit Charge (\$ per KWVA)	2.8536.57	0.665	3.518
	-Off Peak Excess Demand Charge (\$ per KVA)	1.509	—	1.509

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P.U.C.O. NO. 7

**SCHEDULERIDER IRP-D**  
**(Interruptible Power - Discretionary)**

	-Energy Charge (\$ per KWH)	-	0.03805	0.03805
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The Demand Credit shall apply to the customer's monthly interruptible demand. Monthly interruptible demand shall be the difference between the monthly billing demand determined in accordance with the standard service rate schedule under which the customer receives service and the customer designated firm service contract capacity. In no event shall the customer's monthly interruptible demand be greater than the customer's interruptible service contract capacity.

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P.U.C.O. NO. 7

**SCHEDULERIDER IRP-D**  
(Interruptible Power - Discretionary)

Minimum Charge

The minimum charge shall be equal to the sum of the Customer Charge, the Demand Charges and all applicable riders.

Delayed Payment Charge

The above schedule is net if full payment is received by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 21 days after the mailing of the bill. On all accounts not so paid, an additional charge of five percent (5%) of the total amount billed will be made.

Applicable Riders

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders:

Rider	Sheet No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Monongahela Power Litigation Termination Rider	73-1
Power Acquisition Rider	74-1
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
gridSMART Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

Monthly Billing Demand

The billing demand in KVA shall be taken each month as the single highest 30 minute integrated peak in KVA, as registered during the month by a demand meter or indicator, but the monthly demand so established shall in no event be less than the greater of (a) 60% of the customer's contract capacity or (b) 60% of the customer's highest previously established monthly billing demand during the past 11 months or (c) 1,000 KVA.

Thirty minute periods where replacement electricity is supplied shall be excluded in the determination of the billing demand.

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**SCHEDULERIDER IRP-D**  
(Interruptible Power - Discretionary)

Monthly Billing Demand (Cont'd)

~~Billing energy shall be taken each month as the total KWH registered during the month by an energy meter, excluding energy purchased under the Replacement Electricity provision.~~

~~The Metered Voltage adjustment, as set forth below, shall not apply to the customer's minimum monthly billing demand.~~

Optional Time-of-Day Provision

~~Available to customers who operate primarily during the off peak period (as set forth below) and request the installation of time of day metering in order to receive service under this provision. The customer shall be required to pay the necessary additional metering cost.~~

~~For the purpose of this provision, the monthly billing demand as defined above shall be determined during the on-peak period. The off-peak excess demand shall be the amount by which the demand created during the off-peak period exceeds the monthly billing demand.~~

~~The on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 PM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.~~

Metered Voltage Adjustment

~~The rates set forth in this schedule are based upon the delivery and measurement of energy at the same voltage, thus measurement will be made at or compensated to the delivery voltage. At the sole discretion of the Company, such compensation may be achieved through the use of loss compensating equipment, the use of formulas to calculate losses or the application of multipliers to the metered quantities. In such cases, the metered KWH and KVA will be adjusted for billing purposes. If the Company elects to adjust KWH and KVA based on multipliers, the adjustment shall be in accordance with the following:~~

- ~~(a) — Measurements taken at the low side of a customer-owned transformer will be multiplied by 1.01.~~
- ~~(b) — Measurements taken at the high side of a Company owned transformer will be multiplied by 0.98.~~

(Continued on Sheet No. 25-11)

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**SCHEDULERIDER IRP-D**  
(Interruptible Power - Discretionary)

**Special Terms and Conditions**

This schedule-rider is subject to the Company's Terms and Conditions of Service and all provisions of the rate schedule under which the customer takes service.

~~A customer's plant is considered as one or more buildings which are served by a single electrical distribution system provided and operated by customer. When the size of the customer's load necessitates the delivery of energy to the customer's plant over more than one circuit, the Company may elect to connect its circuits to different points on the customer's system irrespective of contrary provisions in the Terms and Conditions.~~

~~Customers with cogeneration and/or small power production facilities shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company.~~

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P.U.C.O. NO. 7

**SCHEDULE COGEN/SPP**  
(Cogeneration and/or Small Power Production)

Availability of Service

This schedule is available to customers with cogeneration and/or small power production (COGEN/SPP) facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978, and which have a total design capacity of 100 KW or less. Such facilities shall be designed to operate properly in parallel with the Company's system without adversely affecting the operation of equipment and services of the Company and its customers, and without presenting safety hazards to the Company and customer personnel. The customer has the following options under this Schedule, which will affect the determination of energy and capacity and the monthly metering charges:

- Option 1 - The customer does not sell any energy or capacity to the Company, and purchases from the Company its net load requirements, as determined by appropriate meters located at one delivery point.
- Option 2 - The customer sells to the Company the energy and average "on-peak" capacity produced by the customer's qualifying COGEN/SPP facilities in excess of the customer's total load, and purchases from the Company its net load requirements, as determined by appropriate meters located at one delivery point.
- Option 3 - The customer sells to the Company the total energy and average "on-peak" capacity produced by the customer's qualifying COGEN/SPP facilities, while simultaneously purchasing from the Company its total load requirements, as determined by appropriate meters located at one delivery point.

Monthly Charges for Delivery from the Company to the Customer

Such charges for energy, and demand where applicable, to serve the customer's net or total load shall be determined according to the rate schedule appropriate for the customer, except that Option 1 and Option 2 customers with cogeneration and/or small power production facilities having a total design capacity of more than 10 KW shall be served under demand-metered rate schedules, and except that the monthly billing demand under such schedules shall be the highest determined for the current and previous two billing periods. The above three-month billing demand provision shall apply under Option 3.

Additional Charges

There shall be additional distribution charges to cover the cost of special metering, safety equipment and other local facilities installed by the Company due to COGEN/SPP facilities, as follows:

- Option 1 - Where the customer does not sell electricity to the Company, a detent shall be used on the energy meter to prevent reverse rotation. The cost of such meter alteration shall be paid by the customer as part of the Local Facilities Charge.

(Continued on Sheet No. 26-2)

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P.U.C.O. NO. 7

**SCHEDULE COGEN/SPP**  
(Cogeneration and/or Small Power Production)

Additional Charges (Cont'd)

Options 2 & 3 - Where meters are used to measure the excess or total energy and average "on-peak" capacity purchased by the Company:

	<u>Single Phase</u>	<u>Polyphase</u>
	\$	\$
Standard Measurement	8.40	15.85
T.O.D. Measurement	21.25	28.65

Under Option 3, when metering voltage for COGEN/SPP facilities is the same as the Company's delivery voltage, the customer shall, at his option, either route the COGEN/SPP totalized output leads through the metering point, or make available at the metering point for the use of the Company and, as specified by the Company, metering current leads which will enable the Company to measure adequately the total electrical energy and average capacity produced by the qualifying COGEN/SPP facilities, as well as to measure the electrical energy consumption and capacity requirements of the customer's total load. When metering voltage for COGEN/SPP facilities is different from the Company's delivery voltage, metering requirements and charges shall be determined specifically for each case.

Local Facilities Charge

Additional charges to cover "interconnection costs" incurred by the Company shall be determined by the Company for each case and collected from the customer. For Options 2 and 3, the cost of metering facilities shall be covered by the Monthly Metering Charge and shall not be included in the Local Facilities Charge. The customer shall make a one-time payment for the Local Facilities Charge at the time of installation of the required additional facilities, or, at his option, up to 36 consecutive equal monthly payments reflecting an annual interest charge as determined by the Company, but not to exceed the cost of the Company's most recent issue of long-term debt. If the customer elects the installment payment option, the Company shall require a security deposit equal to 25% of the total cost of the interconnection.

Monthly Credits or Payments for Energy and Capacity Deliveries

Energy Credit

The following generation energy credits or payments from the Company to the customer shall apply for the electrical energy delivered to the Company:

(Continued on Sheet No. 26-3)

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SCHEDULE COGEN/SPP  
(Cogeneration and/or Small Power Production)

Monthly Credits or Payments for Energy and Capacity Deliveries (Cont'd)

Standard Meter - All KWH ..... 1.60¢ per KWH

T.O.D. Meter:

On-Peak KWH ..... 1.67¢ per KWH

Off-Peak KWH ..... 1.56¢ per KWH

Capacity Credit

If the customer contracts to deliver or produce a specified excess or total average capacity during the monthly billing period (monthly contract capacity), or a specified excess or total average capacity during the on-peak monthly billing period (on-peak contract capacity), then the following generation capacity credits or payments from the Company to the customer shall apply:

If standard energy meters are used,

A. \$0.90/KW/month, times the lowest of:

- (1) monthly contract capacity, or
- (2) current month metered average capacity, i.e., KWH delivered to the Company or produced by COGEN/SPP facilities divided by 730, or
- (3) lowest average capacity metered during previous two months if less than monthly contract capacity

If T.O.D. energy meters are used,

B. \$2.10/KW/month, times the lowest of:

- (1) on-peak contract capacity, or
- (2) current month on-peak metered average capacity, i.e., on-peak KWH delivered to the Company or produced by COGEN/SPP facilities divided by 305, or
- (3) lowest on-peak average capacity metered during previous two months, if less than on-peak contract capacity.

The above energy and capacity credit rates are subject to revisions from time to time as approved by the Commission.

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**SCHEDULE COGEN/SPP**  
**(Cogeneration and/or Small Power Production)**

**On-Peak and Off-Peak Hours**

For purpose of this provision, the on-peak billing period is defined as 7:00 AM to 9:00 PM local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

**Charges for Cancellation or Non Performance Contract**

If the customer should, for a period in excess of six months, discontinue or substantially reduce for any reason the operation of cogeneration and/or small power production facilities which were the basis for the monthly contract capacity or the on-peak contract capacity, the customer shall be liable to the Company for an amount equal to the total difference between the actual payments for capacity paid to the customer and the payments for capacity that would have been paid to the customer pursuant to this Schedule COGEN/SPP or any successor schedule. The Company shall be entitled to interest on such amount at the rate of the Company's most recent issue of long-term debt at the effective date of the contract.

**Term of Contract**

Contracts under this schedule shall be made for a period not less than one year.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the applicable Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.

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**SCHEDULE SBS  
(Standby Service)**

Availability of Service

This schedule is available to customers having sources of electrical energy supply other than the Company with standby service requirements of 50,000 KW or less. The customer shall contract for one or more of the following services:

Supplemental Service

Service provided to the customer to supplement the customer's power production facilities or other sources of electrical energy supply where additional power in excess of that normally supplied by the customer's other source of supply is required to meet the customer's total requirements. If the customer contracts for backup and maintenance service as defined below, then supplemental service excludes such backup and maintenance service.

Backup Service

Service provided to the customer when the customer's power production facilities or other sources of electrical energy supply are unavailable due to unscheduled maintenance.

Maintenance Service

Service provided to the customer when the customer's power production facilities are unavailable due to scheduled maintenance which has been approved in advance by the Company.

Conditions and Limitations of Standby Service Availability

The Company reserves the right to limit the total backup and maintenance contract capacity for all customers served under this schedule.

The conditions and limitations of standby service include, but are not limited to, the available capacity of the Company's facilities, the possibility of causing any undue interference with the Company's obligations to provide service to any of its other customers and the extent to which such backup and/or maintenance service will impose a burden on the Company's system or any system interconnected with the Company.

The provision for the Company providing backup and/or maintenance service to the customer is conditionally provided on the assumption that the customer installs, operates and maintains suitable and sufficient equipment, as specified in the "Guide for Safe Integration of Non-Utility (NUG) Facilities Interconnected To The Company's Electric System," to protect the customer's facilities and the Company's system from damages resulting from such parallel operation, and upon the further condition that the Company shall not be liable to the customer for any loss, cost, damage, or expense which the customer may suffer by reason of damage to or destruction of any property, including the loss of use

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P.U.C.O. NO. 7

**SCHEDULE SBS  
(Standby Service)**

Conditions and Limitations of Standby Service Availability (Cont'd)

thereof, arising out of or in any manner connected with such parallel operation, unless such loss, cost, damage, or expense is caused by the negligence of the Company, its agents, or employees, and upon further condition that the customer shall not be liable to the Company for any loss, cost, damage or expense which the Company may suffer by reason of damage to or destruction of any property, including the loss of use thereof, arising out of, or in any manner connected with such parallel operation, unless such loss, cost, damage, or expense is caused by the negligence of the customer, its agents or employees.

Detents shall be used on the necessary metering to prevent reverse rotation.

Supplemental Service

The customer shall contract for a specific amount of supplemental contract capacity according to the provisions of the applicable firm service rate schedule (hereinafter referred to as supplemental service schedule). Any demand or energy not identified as backup or maintenance service shall be considered supplemental service and billed according to the applicable rate schedule.

If the customer has not signed a supplemental service contract, the customer will be billed for all supplemental demand in excess of either backup and/or maintenance contract capacities on the appropriate supplemental service schedule and shall thereafter be subject to the terms and conditions of said supplemental service schedule.

Monthly Charges for Standby Service

Standby service includes backup and maintenance service, as determined below. In the event that the customer chooses not to contract for backup or maintenance service, the customer's minimum monthly billing demand under the supplemental schedule shall be subject to negotiation between the Company and the customer and/or imposition by the Public Utilities Commission of Ohio after review of the specific facts and circumstances concerning the reliability of the cogeneration facility and its potential impact on the Columbus Southern Power system.

Backup Service

1. Determination of Backup Contract Capacity

The backup contract capacity in KW (KVA) shall be initially established by mutual agreement between the customer and the Company for electrical capacity sufficient to meet the maximum backup requirements which the Company is expected to supply.

The customer shall specify the desired backup contract capacity as well as the desired service reliability as specified under the Monthly Backup Charge. Changes in the backup contract capacity are subject to the provisions set forth in the Term of Contract.

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SCHEDULE SBS  
(Standby Service)Monthly Charges for Standby Service (Cont'd)2. Backup Service Notification Requirement

Whenever backup service is needed, the customer shall verbally notify the Company within 1 hour. Such notification shall be confirmed in writing within 5 working days and shall specify the time and date such use commenced and termination time and date. If such notification is not received, the customer shall be subject to an increase in contract capacity in accordance with the provisions of the schedule under which the customer receives supplemental service and such backup demand shall be considered supplemental demand and billed accordingly.

3. Backup Demand Determination

Whenever backup service is supplied to the customer for use during forced outages, the customer's 30-minute integrated KW (KVA) demands shall be adjusted by subtracting the amount of backup contract capacity supplied by the Company. In no event shall the adjusted demands be less than 0. The adjusted 30-minute integrated demands shall be used to determine the monthly billing demand under the supplemental service schedule. If both backup and maintenance service are utilized during the same billing period, the customer's 30-minute integrated demands will be adjusted for both in the appropriate period. Whenever the customer's maximum 30-minute integrated demand at any time during the billing period exceeds the total of the supplemental service contract capacity and the specific request for backup and/or maintenance service, the excess demand shall be considered as supplemental demand in the determination of the billing demands under the appropriate supplemental service schedule.

4. Backup Service Energy Determination

Whenever backup service is utilized, backup energy shall be calculated as the lesser of (a) the backup contract capacity multiplied by the number of hours of backup use or (b) total metered energy. Metered energy for purposes of billing under the appropriate supplemental schedule shall be derived by subtracting the backup energy from the total metered energy for the billing month.

5. Monthly Backup Charge

	Generation	Distribution	Total
Backup Energy Charge (¢ per KWH):			
Secondary Voltage	--	0.03805	0.03805
Primary Voltage	--	0.03805	0.03805
Subtransmission/Transmission Voltages	--	0.03805	0.03805

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**SCHEDULE SBS  
(Standby Service)**

**Backup Service (Cont'd)**

**Monthly Backup Charge (Cont'd)**

	Service Reliability Level	% Forced Outage Rate	Allowed Outage Hours	Generation	Distribution	Total
<b>Backup Demand Charge (\$ per KW):</b>						
<b>Secondary Voltage:</b>	A	5	438	1.059	3.575	4.634
	B	10	876	1.799	3.575	5.374
	C	15	1,314	2.538	3.575	6.113
	D	20	1,752	3.277	3.575	6.852
	E	25	2,190	4.019	3.575	7.594
	F	30	2,628	4.756	3.575	8.331
<b>Primary Voltage:</b>	A	5	438	1.025	2.240	3.265
	B	10	876	1.741	2.240	3.981
	C	15	1,314	2.455	2.240	4.695
	D	20	1,752	3.171	2.240	5.411
	E	25	2,190	3.885	2.240	6.125
	F	30	2,628	4.599	2.240	6.839
<b>Subtransmission/ Transmission Voltages:</b>	A	5	438	0.872	0.043	0.915
	B	10	876	1.569	0.043	1.612
	C	15	1,314	2.267	0.043	2.310
	D	20	1,752	2.966	0.043	3.009
	E	25	2,190	3.664	0.043	3.707
	F	30	2,628	4.361	0.043	4.404

The total monthly backup charge is equal to the selected monthly backup demand charge times the backup contract capacity. Whenever the allowed outage hours for the respective reliability level selected by the customer are exceeded during the contract year, the customer's unadjusted 30-minute integrated demands shall be used for billing purposes under the appropriate supplemental schedule for the remainder of the contract year.

(Continued on Sheet No. 27-5)

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 27-5

P.U.C.O. NO. 7

SCHEDULE SBS  
(Standby Service)

Monthly Charges for Standby Service (Cont'd)

Maintenance Service

1. Determination of Maintenance Contract Capacity

The customer may contract for maintenance service by giving at least 6 months' advance written request as specified in the Term of Contract or a lesser period by mutual agreement. Such notice shall specify the amount not to exceed the customer's maximum maintenance service requirements during the planned maintenance outages, and the effective date for the amount of contracted maintenance service.

2. Maintenance Service Notification Requirements

A major maintenance outage shall be considered as any maintenance service request greater than 5,000 KW (KVA) or for longer than 7 days and may be scheduled at a time consented to by the Company. Written notice shall be provided by the customer at least 6 months in advance of such scheduled outages or a lesser period by mutual agreement and shall specify the KW (KVA) amount of maintenance service required, as well as the dates and times such use will commence and terminate. A major maintenance service request shall not exceed the KW (KVA) capacity of the customer's power production facilities as listed in the customer's service contract.

A minor maintenance outage shall be considered as any maintenance service request of 5,000 KW (KVA) or less and for a period of 7 days or less and may be scheduled at a time consented to by the Company. Written notice shall be provided by the customer at least 30 days in advance of such outage or a lesser period by mutual agreement.

If such notification is not received, the customer shall be subject to an increase in supplemental service contract capacity according to the provisions of the supplemental service schedule under which the customer is served and such maintenance service demand shall be considered as supplemental load in the determination of the billing demands.

3. Major Maintenance Service Limitation

The customer shall be limited to one major maintenance outage of 30-days' duration for each generator listed in the customer's service contract in each contract year. Additional major maintenance outages or outages exceeding 30-days' duration may be requested by the customer and shall be subject to approval by the Company. At the time in which any such additional or prolonged maintenance occurs, the customer shall provide to the Company notarized verification that energy provided under this provision is for maintenance use only.

(Continued on Sheet No. 27-6)

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2<sup>nd</sup> Revised Sheet No. 27-6  
Cancels 1<sup>st</sup> Revised Sheet No. 27-6

P.U.C.O. NO. 7

**SCHEDULE SBS  
(Standby Service)**

**Monthly Charges for Standby Service (Cont'd)**

**Maintenance Service (Cont'd)**

**4. Maintenance Service Demand Determination**

Whenever a specific request for maintenance service is made by the customer, the customer's 30-minute integrated demands will be adjusted by subtracting the maintenance service requested in the hours specified by the customer. The adjusted 30-minute integrated demands shall be used in the determination of the monthly billing demand under the supplemental service schedule.

If both backup and maintenance service are utilized during the same billing period, the customer's 30-minute integrated demands will be adjusted for both in the appropriate hours. In no event shall the adjusted demands be less than 0.

Whenever the maximum 30-minute integrated demand at any time during the billing period exceeds the total of the supplemental contract capacity and the specific request for maintenance and/or backup service, the excess demand shall be considered as supplemental load in the determination of the billing demands.

**5. Maintenance Service Energy Determination**

Whenever maintenance service is used, maintenance energy shall be calculated as the lesser of (a) the KW (KVA) of maintenance service requested multiplied by the number of hours of maintenance use or (b) total metered energy. Metered energy for purposes of billing under the appropriate supplemental service schedule shall be derived by subtracting the maintenance energy from the total metered energy for the billing period.

**6. Monthly Maintenance Service Energy Charge**

In addition to the monthly charges established under the supplemental service schedule, the customer shall pay the Company for maintenance energy as follows:

	Generation	Distribution	Total
<b>Maintenance Energy Charge (¢ per KWH):</b>			
Secondary Voltage	0.28042	0.61373	0.90415
Primary Voltage	0.28006	0.39875	0.67881
Subtransmission/Transmission Voltages	0.25836	0.04490	0.30326

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## COLUMBUS SOUTHERN POWER COMPANY

2<sup>nd</sup> Revised Sheet No. 27-7  
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P.U.C.O. NO. 7

SCHEDULE SBS  
(Standby Service)Local Facilities Charge

Charges to cover interconnection costs (including but not limited to suitable meters, relays and protective apparatus) incurred by the Company shall be determined by the Company and shall be collected from the customer. Such charges shall include the total installed cost of all local facilities. The customer shall make a 1-time payment for the local facilities at the time of the installation of the required additional facilities, or, at his option, up to 36 consecutive equal monthly payments reflecting an annual interest charge as determined by the Company, but not to exceed the cost of the Company's most recent issue of long-term debt nor the maximum rate permitted by law. If the customer elects the installment payment option, the Company may require a security deposit equal to 25% of the total cost of interconnection.

Special Provision for Customers with Standby Contract Capacities of Less than 100 KW

Customers requesting backup and/or maintenance service with contract capacities of less than 100 KW shall be charged a monthly demand rate as follows:

	Generation	Distribution	Total
Demand Charge (\$ per KW)	2.167	1.035	3.192

However, in those months when backup or maintenance service is used, the demand charge shall be waived provided the customer notifies the Company in writing prior to the meter reading date and such services shall be billed according to the charges for electric service under the applicable demand-metered rate schedule.

Contracts for such service shall be executed on a special contract form for a minimum of 1 year. Contract standby capacity in KW shall be set equal to the capacity of the customer's largest power production facility.

Delayed Payment Charge

The above schedule is net if full payment is received by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 21 days after the mailing of the bill. On all accounts not so paid, an additional charge of five percent (5%) of the total amount billed will be made. Federal, state, county, township and municipal governments and public school systems not served under special contract are subject to the Public Authority Delayed Payment provision, Supplement No. 21.

Applicable Riders

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders: Commission-approved riders on Sheet Number 4-1.

(Continued on Sheet No. 27-8)

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P.U.C.O. NO. 7

SCHEDULE SBS  
(Standby Service)

Applicable Riders (Cont'd)

Rider	Sheet No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Monongahela Power Litigation Termination Rider	73-1
Power Acquisition Rider	74-1
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
gridSMART Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

Term of Contract

Contracts under this schedule will be made for an initial period of not less than 1 year and shall continue thereafter until either party has given 6-months' written notice to the other of the intention to terminate the contract. The Company will have the right to make contracts for initial periods longer than 1 year.

A 6-month advance written request is required for any change in supplemental, backup or maintenance service requirements, except for the initial standby service contract. All changes in the standby service contract shall be effective on the contract anniversary date. The Company shall either concur in writing or inform the customer of any conditions or limitations associated with the customer's request within 60 days.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the applicable Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.

(Continued on Sheet No. 27-9)

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**SCHEDULE SBS  
(Standby Service)**

**Special Terms and Conditions**

This schedule is subject to the Company's Terms and Conditions of Service.

At its discretion, the Company may require that Company-owned metering be installed to monitor the customer's generation. The Company reserves the right to inspect the customer's relays and protective equipment at all reasonable times.

Customers taking service under this rate schedule who desire to transfer to firm full requirements will be required to give the Company written notice of at least 36 months. The Company reserves the right to reduce the notice period requirement dependent upon individual circumstances.

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P.U.C.O. NO. 7

SCHEDULE NEMS  
(Net Energy Metering Service)

Availability of Service

This schedule is available to customers with qualifying customer-generator facilities designed to operate in parallel with the Company's system. Customers served under this schedule must also take service under the applicable standard service schedule.

Conditions of Service

1. A qualifying customer is one whose generating facility complies with all the following requirements:
  - a. is fueled by solar, wind, biomass, landfill gas, or hydropower, or uses a microturbine or a fuel cell;
  - b. is located on the customer-generator's premises;
  - c. is designed and installed to operate in parallel with the Company's system without adversely affecting the operation of equipment and service of the Company and its customers and without presenting safety hazards to Company and customer personnel; and
  - d. is intended primarily to offset part or all of the customer-generator's electricity needs.
2. The customer's generating equipment shall be installed in accordance with the manufacturer's specifications as well as all applicable provisions of the National Electrical Code. All equipment and installations shall comply with all applicable safety and performance standards established by the National Electrical Code, the Institute of Electrical and Electronic Engineers and Underwriters Laboratories, as well as any additional control and testing requirements adopted by the Commission.

Metering

Net energy metering shall be accomplished using a single meter capable of registering the flow of electricity in each direction. If the existing electrical meter installed at the customer's facility is not capable of measuring the flow of electricity in two directions, the Company, upon written request of the customer, shall install at the customer's expense an appropriate meter with such capability.

The Company may, at its own expense and with written consent of the customer, install one or more additional meters to monitor the flow of electricity.

(Continued on Sheet No. 28-2)

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## P.U.C.O. NO. 7

SCHEDULE NEMS  
(Net Energy Metering Service)Monthly Charges

Monthly charges for energy, and demand where applicable, to serve the customer's net or total load shall be determined according to the Company's standard service schedule under which the customer would otherwise be served, absent the customer-owned generation source. If a non-residential customer's qualifying customer-generator facility has a total rated generating capacity of more than 10 kW, service shall be provided under the Company's standard demand-metered schedule (Schedule GS-2 or GS-3 depending on the customer's load characteristics).

If the Company supplies more kWh of electricity to the customer than the customer-generator's facility feeds back to the Company's system during the billing period, all energy charges of the customer's standard service schedule shall be calculated using the customer's net energy usage for the billing period.

If the customer-generator's facility feeds more kWh of electricity back to the Company's system than the Company supplies to the customer during the billing period, only the generation-related energy charges of the customer's standard service schedule, including all applicable generation-related riders, shall be calculated using the customer's net energy supplied to the Company. All other energy charges shall be calculated using an energy value of zero (0) kWh. If the customer's net billing under the standard service schedule is negative during the billing period, the negative net billing shall be allowed to accumulate as a credit to offset billing in the next billing period. The customer may request, in writing, a refund of accumulated credit that is no greater than an annual true-up of accumulated credits over a twelve month period.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Service and all provisions of the standard service schedule under which the customer takes service. This schedule is also subject to the applicable provisions of the Company's Minimum Requirements for Distribution System Interconnection.

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## P.U.C.O. NO. 7

SCHEDULE NEMS-H  
(Net Energy Metering Service - Hospitals)Availability of Service

This schedule is available to hospital customers with qualifying customer-generator facilities designed to operate in parallel with the Company's system. Customers served under this schedule must also take service under the applicable standard service schedule.

To qualify for service under this schedule, a customer must be a hospital, as defined in section 3701.01 of the Revised Code, that is also a customer-generator. Section 3701.01 of the Revised Code currently defines "hospital" to include public health centers and general, mental, chronic disease and other types of hospitals and related facilities, such as laboratories, outpatient departments, nurses' home facilities, extended care facilities, self-care units and central service facilities operated in connection with hospitals, and also includes education and training facilities for health professions personnel operated as an integral part of a hospital, but does not include any hospital furnishing primarily domiciliary care.

Conditions of Service

1. A qualifying hospital customer is one whose generating facility complies with all the following requirements:
  - a. is located on the customer-generator's premises; and
  - b. is designed and installed to operate in parallel with the Company's system without adversely affecting the operation of equipment and service of the Company and its customers and without presenting safety hazards to Company and customer personnel.
2. The hospital customer's generating equipment shall be installed in accordance with the manufacturer's specifications as well as all applicable provisions of the National Electrical Code. All equipment and installations shall comply with all applicable safety and performance standards established by the National Electrical Code, the Institute of Electrical and Electronic Engineers and Underwriters Laboratories, as well as any additional control and testing requirements adopted by the Commission.

Metering

Net energy metering shall be accomplished using either two meters or a single meter capable of registering the flow of electricity in each direction. One meter or register shall be capable of measuring the electricity generated by the hospital customer at the time it is generated. If the existing electrical meter installed at the customer's facility is not capable of separately measuring the electricity the hospital customer generates at the time it is generated, the Company, upon written request of the hospital customer, shall install at the customer's expense an appropriate meter with such capability.

The Company may, at its own expense and with written consent of the customer, install one or more additional meters to monitor the flow of electricity.

(Continued on Sheet No. 29-2)

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## P.U.C.O. NO. 7

SCHEDULE NEMS-H  
(Net Energy Metering Service - Hospitals)Monthly Charges

Monthly charges for energy, and demand where applicable, to serve the customer's total load shall be determined according to the Company's standard service schedule under which the customer would otherwise be served, absent the customer-owned generation source. If a hospital customer's qualifying customer-generator facility has a total rated generating capacity of more than 10 kW, service shall be provided under the Company's standard demand-metered schedule (Schedule GS-2, GS-3 or GS-4 depending on the customer's load characteristics).

All electricity flowing from the Company to the hospital customer shall be charged as it would have been if the hospital customer were not taking service under this schedule.

All electricity generated by the hospital customer shall be credited at the market value as of the time the hospital customer generated the electricity. The market value of the hospital customer's generated electricity shall be the hourly AEP East Load Zone Real-Time Locational Marginal Price (LMP) established by PJM.

The hospital customer's monthly bill shall reflect the net of Company charges for electricity flowing from the Company to the hospital customer and the market value credit for electricity generated by the hospital customer. If the customer's net billing is negative during the billing period, the net credit dollar amount shall be used to offset billing in subsequent billing periods. The customer may request, in writing, a refund of accumulated credit that is no greater than an annual true-up of accumulated credits over a twelve month period.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Service and all provisions of the standard service schedule under which the customer takes service. This schedule is also subject to the applicable provisions of the Company's Minimum Requirements for Distribution System Interconnection.

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COLUMBUS SOUTHERN POWER COMPANY

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P.U.C.O. NO. 7

**SCHEDULE SL**  
**(Street Lighting Service)**

Availability of Service

Available to municipalities, counties and other governmental subdivisions, and community associations which have been incorporated as not-for-profit corporations for street lighting service supplied through Company-owned systems.

Service rendered hereunder, is predicated upon the existence of a valid contract between the Company and the customer specifying the type, number and location of lamps to be supplied and lighted.

Monthly Rate

Charges are \$ per lamp per month.

Type of Lamp	Nominal Lamp Wattage	Avg. Monthly KWH Use	Generation	Distribution	Total
<b>High Pressure Sodium:</b>					
Standard	100	40	--	6.57	6.57
Standard	150	59	--	7.46	7.46
Standard	200	84	--	9.59	9.59
Standard	250 <sup>1</sup>	103	--	10.58	10.58
Standard	400	167	--	11.92	11.92
Cut Off	100	40	--	9.43	9.43
Cut Off	250	103	--	15.14	15.14
Cut Off	400	167	--	19.34	19.34
<b>Mercury Vapor:</b>					
Standard	100 <sup>2</sup>	43	--	6.00	6.00
Standard	175 <sup>3</sup>	72	--	6.89	6.89
Standard	400 <sup>3</sup>	158	--	11.17	11.17

<sup>1</sup> No new installation after October 1, 1982.

<sup>2</sup> No new installation after January 1, 1980.

<sup>3</sup> No new installation after May 21, 1992.

Other Equipment

When other new facilities are to be installed by the Company, in addition to the above charges, the customer shall pay the following distribution charges:

(Continued on Sheet No. 40-2)

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1<sup>st</sup> Revised Sheet No. 40-2  
Cancels Original Sheet No. 40-2

P.U.C.O. NO. 7

**SCHEDULE SL**  
(Street Lighting Service)

Other Equipment (Cont'd)

		Per Month
1.	For each lamp supported by a wood pole serving no other function than street lighting	\$1.14
2.	For each aluminum pole	\$11.84
3.	For each fiberglass pole	\$17.65
4.	For each additional 150 foot overhead wire span or part thereof	\$0.67
5.	For mounting other than standard bracket:	
	12 foot mastarm	\$1.00
	16 foot mastarm	\$1.33
	20 foot mastarm	\$2.33
6.	For each additional riser pole connection installed on or after May 21, 1992	\$3.42
7.	For each underground wire lateral not over 50 feet	\$1.09
8.	The Company may require the customer to pay for or furnish duct under pavements or adverse soil conditions should this be necessary for initial installation or due to paving over underground feed after placement.	

Delayed Payment Charge

Due Date and Delayed Payment Charge shall be pursuant to the provisions of Supplement 21.

Applicable Riders

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders: Commission-approved riders on Sheet Number 4-1.

Rider	Sheet No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Monongahela Power Litigation Termination Rider	73-1
Power Acquisition Rider	74-1
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
gridSMART Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

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Cancels 1<sup>st</sup> Revised Sheet No. 40-3

P.U.C.O. NO. 7

SCHEDULE SL  
(Street Lighting Service)

Ownership of Facilities

All facilities necessary for street lighting service hereunder, including but not limited to, all poles, fixtures, street lighting circuits, transformers, lamps and other necessary facilities shall be the property of the Company and may be removed if the Company so desires, at the termination of any contract for service hereunder. The Company will maintain all such facilities.

Electric Energy Rate

The Company will furnish electric energy for a street lighting system owned and maintained by the customer at the following rate:

Monthly Rate (Schedule Code 088)

	Generation	Distribution	Total
Customer Charge (\$)	—	3.90	3.90
Energy Charge (¢ per KWH)	4.96660	1.06108	3.01766

The applicable KWH per lamp shall be stated under the monthly rate.

Hours of Lighting

Dusk to dawn lighting shall be provided, approximately 4,000 hours per annum.

Lamp Outages

For all aggregate outages of four (4) hours or more in any month which are reported in writing within ten (10) days of the end of the month to the Company by a proper representative of the customer, there shall be a pro-rata reduction from the bill to reflect such outages.

Term of Contract

Contracts under this schedule will ordinarily be made for an initial term of five years with self-renewal provisions for successive terms of one year each until either party shall give at least 60 days' notice to the other of the intention to discontinue at the end of any term. The Company may, at its option, require a longer initial term of contract to fulfill the terms and conditions of service and/or in order to protect the Company's ability to recover its investment of costs over a reasonable period of time.

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the applicable Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12) consecutive months.

(Continued on Sheet No. 40-4)

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P.U.C.O. NO. 7

SCHEDULE SL  
(Street Lighting Service)

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Service.

The customer shall provide such cleared rights-of-way, licenses and permits as may be required to enable the Company to supply the service applied for.

Service will not be provided hereunder if in the judgment of the Company a danger or nuisance will be created thereby. Service will be terminated if after installation it proves to be a danger or nuisance.

Rates contained herein are based upon continuous use of facilities and are not applicable to seasonal use.

Tree trimming is performed by the Company only when doing so prevents damage to Company facilities.

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2<sup>nd</sup> Revised Sheet No. 41-1  
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P.U.C.O. NO. 7

SCHEDULE AL  
(Private Area Lighting Service)

Availability of Service

Available to residential and general service customers where appropriate existing secondary distribution facilities are readily available for the lighting of private areas. This service is not available for street and highway lighting.

Monthly Rate

For each lamp with luminaire and an upsweep arm not over 7 feet in length or bracket mounted floodlight, controlled by photoelectric relay, where service is supplied from an existing pole and secondary facilities of the Company (a pole which presently serves another function besides supporting an area light) except in the case of post top lamps for which the rates per month already include the cost of a pole, the following charges apply. Charges are \$ per lamp per month.

Type of Lamp	Nominal Lamp Wattage	Avg. Monthly KWH Usage	Generation	Distribution	Total
<b>Luminaire:</b>					
<b>High Pressure Sodium</b>					
Standard	100	40	0.99	5.29	6.28
Standard	150	59	1.32	5.71	7.03
Standard	200	84	2.04	6.93	8.94
Standard	250 <sup>1</sup>	103	2.24	7.14	9.38
Standard	400	167	2.26	8.71	10.97
Post Top	100	40	2.42	11.33	13.45
Post Top	150	59	2.56	11.76	14.32
Cut Off	100	40	1.00	8.37	9.37
Cut Off	250	103	3.45	11.33	14.78
Cut Off	400	167	4.02	12.61	13.63
<b>Mercury Vapor</b>					
Standard	100 <sup>1</sup>	43	0.43	5.90	6.33
Standard	175 <sup>2</sup>	72	—	6.37	6.37
Standard	400 <sup>2</sup>	158	0.43	9.35	9.78
Post Top	175 <sup>2</sup>	72	—	11.89	11.89
<b>Floodlight:</b>					
<b>High Pressure Sodium</b>					
Standard	100	40	4.44	5.67	6.84
Standard	250	103	3.95	7.33	11.28
Standard	400	167	6.27	8.51	14.78
Standard	1000	378	29.03	11.54	40.57
<b>Metal Halide</b>					
Standard	250	100	3.77	8.36	12.13
Standard	400	158	6.74	9.11	14.82
Standard	1000	378	29.03	11.49	40.52

<sup>1</sup> No new installations after October 1, 1982.

<sup>2</sup> No new installations after May 21, 1992.

(Continued on Sheet No. 41-2)

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AEP Ohio

## COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 41-2

P.U.C.O. NO. 7

SCHEDULE AL  
(Private Area Lighting Service)Other Equipment

When other new facilities are to be installed by the Company, in addition to the above monthly charge, the customer shall pay in advance the installation cost of such new overhead facilities extending from the nearest or most suitable pole of the Company to the point designated by the customer for the installation of said lamp. In lieu of such payment of the installation cost, for the following facilities, the customer may pay the following distribution charges:

		Per Month
1.	For each additional wood pole	\$ 2.19
2.	For each aluminum pole	\$11.99
3.	For each fiberglass pole	\$17.88
4.	For each additional 150 foot overhead wire span or part thereof	\$ 0.71
5.	For mounting other than standard bracket:	
	8 foot mastarm	\$ 0.57
	12 foot mastarm	\$ 1.00
	16 foot mastarm	\$ 1.33
	20 foot mastarm	\$ 2.33
6.	For each additional riser pole connection	\$ 3.52
7.	For each underground wire lateral not over 50 feet	\$ 1.05
8.	The Company may require the customer to pay for or furnish duct under pavements or adverse soil conditions should this be necessary for initial installation or due to paving over underground feed after placement.	

Delayed Payment Charge

For non-residential customers, the above schedule is net if full payment is received by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company, within 15 days after the mailing of the bill. On all accounts not so paid, an additional charge of five percent (5%) of the total amount billed will be made. Federal, state, county, township and municipal governments and public school systems not served under special contract are subject to the Public Authority Delayed Payment provision, Supplement No. 21.

Applicable Riders

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders: Commission-approved riders on Sheet Number 4-1.

(Continued on Sheet No. 41-3)

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COLUMBUS SOUTHERN POWER COMPANY

1<sup>st</sup> Revised Sheet No. 41-3  
Cancels Original Sheet No. 41-3

P.U.C.O. NO. 7

**SCHEDULE AL**  
**(Private Area Lighting Service)**

Applicable Riders (Cont'd)

Rider	Sheet No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Monongahela Power Litigation Termination Rider	73-1
Power Acquisition Rider	74-1
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
gridSMART Rider	84-1
Environmental Investment Carrying Cost Rider	85-1

Ownership of Facilities

All facilities necessary for service including fixtures, controls, poles, transformers, secondaries, lamps and other appurtenances shall be owned and maintained by the Company. All service and necessary maintenance will be performed only during the regular scheduled working hours of the Company.

Hours of Lighting

Dusk to dawn lighting shall be provided, approximately 4,000 hours per annum.

Term of Contract

Contract under this schedule will ordinarily be made for an initial term of one year with self-renewal provisions for successive terms of one year until either party shall give at least 60 days notice to the other of the intention to discontinue service at the end of any term. The Company may, at its option, require a longer initial term of contract to fulfill the terms and conditions of service and/or in order to protect the Company's ability to recover its investment of costs over a reasonable period of time.

(Continued on Sheet No. 41-4)

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 41-4

P.U.C.O. NO. 7

**SCHEDULE AL**  
**(Private Area Lighting Service)**

**Term of Contract (Cont'd)**

Notwithstanding any contractual requirement for longer than 90 days' notice to discontinue service, customers may elect to take service from a qualified CRES Provider, pursuant to the terms of the applicable Open Access Distribution Schedule, by providing 90 days' written notice to the Company. If upon completion of such 90-day notice period, the customer has not enrolled with a qualified CRES Provider, then the customer must continue to take service under the Company's standard service schedules for a period of not less than twelve (12 ) consecutive months.

**Special Terms and Conditions**

This schedule is subject to the Company's Terms and Conditions of Service.

Rates contained herein are based upon continuous use of facilities and are not applicable to seasonal use.

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 43-1

P.U.C.O. NO. 7

**SCHEDULE PA  
(Pole Attachment)**

**Availability of Service**

Available to any person or entity, other than a Public Utility, who has obtained, under law, any necessary public or private authorization and permission to construct and maintain attachments such as wire, cable, facility or other apparatus to the Company's poles, pedestals, or to place same in the Company's conduit duct space, so long as those attachments do not interfere, obstruct, or delay the service and operation of the Company or create a hazard to safety.

**Rates and Charges**

The following distribution rates and charges shall apply to each pole of the Company, if any portion of it is occupied by or reserved for the customer's attachments.

Initial Contact Fee.....\$1.19 per pole

To cover the cost to the Company not separately accounted for in processing the application for each initial contact, but no such initial contact fee shall be required if the customer has previously paid an initial contact fee with respect to such pole location.

Billing for Initial Contact Fee will be rendered on the annual billing date each year for all accumulated initial contacts from the preceding year.

**Annual Attachment Charge:**

A. CATV and All Others.....\$2.83 per pole per year

For each additional attachment made during the current rental year, as authorized and pursuant to the terms and conditions of the agreement as required herein, the annual charge shall be billed on the next annual billing date using the previous year's rate, and shall be computed on the assumption that all attachments made during the contract year were on the pole for one-half the year and the annual charge shall be prorated accordingly.

If the customer has notified the Company of the abandonment by customer of any poles during the contract year, such poles shall be deemed to have been used for one-half of the year and an appropriate credit shall be given.

Billing of annual charges will be rendered in advance annually on each agreement's annual billing date and will be the rate in effect at the time of billing. In addition, the Company shall bill the customer for the prorated portion of any rate increase granted during the contract year.

(Continued on Sheet No. 43-2)

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 43-2

P.U.C.O. NO. 7

SCHEDULE PA  
(Pole Attachment)

Special Charges

Customer shall reimburse the Company for all non-recurring expenses caused by or attributable to Customer's attachments.

All charges for inspection, installation, removal, replacement or rearrangement work necessary to facilitate the Customer's attachments and requirements shall be based on the full cost and expense to the Company in performing such work. The charges shall be determined in accordance with the normal and customer methods used by the Company in determining such cost.

Billings for special charges shall be rendered as the work is performed. Company may require advance payment of special charges before any work is initiated.

The Company reserves the right to waive any portion of the charges under this schedule applicable to non-profit entities, rural electric cooperatives and Political Subdivisions of the State of Ohio.

Payments

Bills are due and payable in full by mail, checkless payment plan, electronic payment plan, or at an authorized payment agent of the Company, within 30 days from the date the bill is issued by the Company. On bills not so paid, the customer shall pay a one-time charge of 5% of the unpaid balance.

Contracts

Pole attachments shall be allowed only upon signing by the Company and the customer of a written Agreement making reference to this schedule, and upon the approval by the Company of a written application submitted by customer requesting permission to contact specific poles.

Term of Contract

Agreements executed with reference to this schedule shall continue in force until terminated by either party giving to the other prior written notice as prescribed in said agreements. No such termination, however, shall reduce or eliminate the obligation of the customer to make payments of any amounts due to Company for any services covered by this schedule, and shall not waive charges for any attachment until said attachment is removed from the pole to which it is attached.

Should the customer not place attachments or reserve space on the Company's poles in any portion of the area covered by the agreement within six months of its effective date, the Company may, at its option, terminate the Agreement.

Special Terms and Conditions

Terms and conditions of service for this schedule shall be pursuant to any Agreement existing between the Company and the customer on July 1, 1981. In the event that no such Agreement existed, then the terms and conditions of service shall be in accordance with the Company's standard Agreement and this schedule.

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 52-1

P.U.C.O. NO. 7

**SUPPLEMENT NO. 18**  
(Optional Church and School Service)

~~Available to churches, public and parochial schools (through high schools), and county, township, municipal and civic recreation centers operated for the public welfare whose maximum demand normally occurs during the off-peak period.~~

~~The off-peak billing period is defined as 9:00 PM to 7:00 AM for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.~~

~~For purpose of this provision, the monthly billing demand under Schedules GS-2 and GS-3 shall be calculated as one-half of the customer's metered demand. This provision shall not apply to customers who receive service under the Optional Time of Day provision of Schedules GS-2 and GS-3.~~

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 53-1

P.U.C.O. NO. 7

**SUPPLEMENT NO. 21**  
**(Public Authority-Delayed Payment)**

Availability

Available to federal, state, county, township and municipal governments and public school systems. It shall not be available to any customer receiving service pursuant to the terms of a special contract.

Delayed Payment Charge

Provisions relating to delayed payment charges in the applicable General Service Schedules shall be waived for customers in this category and the following Delayed Payment Provision shall be used.

Delayed Payment Provision

Bills from the Company are due and payable in full by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company. If bill payment is not received by the Company in its offices on or before the specified payment date which is the Company's next scheduled meter reading date, which in no case shall be less than 15 days from the mailing date of the bill, whether actual or estimated, an additional amount equal to 1.5% (one and one-half percent) of the unpaid balance, will become due and payable as part of the customer's total obligation. In no event shall the above delayed payment provision of 1.5% be applied to the same unpaid balance for more than three (3) consecutive months (or exceed 5.0% on any single month's bill for electric consumption that the delayed payment provision has been applied). Also, the amount of the delayed payment provision shall not be less than twenty-five cents (25¢) each month. This provision is not applicable to unpaid account balances existing on the effective date of the tariff pursuant to Case No. 84-486-EL-ATA.

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Joseph Hamrock, President  
AEP Ohio

P.U.C.O. NO. 7

UNIVERSAL SERVICE FUND RIDER

Effective Cycle 1 January 2011, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Universal Service Fund charge of 0.22828¢/KWH for the first 833,000 KWH consumed each month and 0.01830¢/KWH for all KWH consumed each month in excess of 833,000 KWH.

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Effective: Cycle 1 January 2011

COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 61-1

P.U.C.O. NO. 7

~~ADVANCED ENERGY FUND RIDER~~

~~Effective Cycle 1 January 2006, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract shall be adjusted by the Energy Efficiency Fund charge of \$0.0895 per customer bill per month.~~

~~This Rider shall remain in effect until the earlier of December 31, 2010 or notification by the Ohio Department of Development as required by Section 4928.61, Ohio Revised Code.~~

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AEP Ohio

COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 62-1

P.U.C.O. NO. 7

KWH TAX RIDER

Effective May 1, 2001, all customer bills subject to the provision of this Rider, including any bills rendered under special contract, shall be adjusted by the KWH Tax charge per KWH as follows:

For the first 2,000 KWH used per month	0.465 ¢/KWH
For the next 13,000 KWH used per month	0.419 ¢/KWH
For all KWH used in excess of 15,000 KWH per month	0.363 ¢/KWH

Commercial and industrial customers that consumed, over the course of the previous calendar year, or that estimate that they will consume in the current year, more than 45,000,000 KWH may elect to self-assess the KWH Tax at the rate of 0.075¢/KWH plus four percent (4%) of the total price of electricity delivered by the Company. Payment of the tax will be made directly to the Treasurer of the State of Ohio in accordance with Divisions (A)(4) and (5) of Section 5727.82, Ohio Revised Code.

This Rider shall not apply to federal government accounts.

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COLUMBUS SOUTHERN POWER COMPANY

First Revised Original Sheet No. 69-1  
Original Sheet No. 69-1

P.U.C.O. NO. 7

PROVIDER OF LAST RESORT CHARGE RIDER

Effective Cycle 1 ~~January 2012~~ April 2009 through the last billing cycle of December 2009, all customer bills subject to the provisions of the Rider, including any bills rendered under special contract, shall be adjusted by the Provider of Last Resort Charge of \$0.00284 per KWH, as follows:

Schedule	¢/KWH
R-R, R-R-1, RLM, RS-ES AND RS-TOD	0.77546
GS-1	0.66660
GS-2 and GS-2-TOD	0.67937
GS-3	0.52603
GS-4 and IRP-D	0.44595
SBS	0.54402
SL	0.25312
AL	0.22207

Effective Cycle 1 January 2010, the Provider of Last Resort Charge shall be the following:

Schedule	¢/KWH
R-R, R-R-1, RLM, RS-ES AND RS-TOD	0.56055
GS-1	0.48959
GS-2 and GS-2-TOD	0.49897
GS-3	0.38635
GS-4 and IRP-D	0.32753
SBS	0.39056
SL	0.18591
AL	0.16311

Customers of a governmental aggregation where the legislative authority that formed such governmental aggregation has filed written notice with the Commission pursuant to Section 4928.20 (J), Ohio Revised Code, that it has elected not to receive default service from the Company at standard service offer rates shall not be subject to charges under this Rider.

Customers that elect to take energy service from a CRES Provider and agree to pay the market price of power should they return at any time to energy service from the Company, shall not be subject to charges under this Rider. Exemption from this Rider shall begin with the first full billing month after the later of 1) Company receipt of the customer's written agreement to pay the market price of power should they return at any time to energy service from the Company, and 2) the date the customer begins receiving energy service from a CRES provider.

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 70-1

P.U.C.O. NO. 7

ELECTRONIC TRANSFER RIDER

For any General Service customer who agrees to make payments to the Company by electronic transfer, the 21 days provision in the Delayed Payment Charge in the General Service tariffs shall be modified to 22 days. If the 22nd day falls upon a weekend or the legal holidays of New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day, the payment must be received by the next business day to avoid the Delayed Payment Charge. In no event shall this Rider apply to Supplement No. 21.

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 71-1  
Revised Sheet No. 71-1

P.U.C.O. NO. 7

## EMERGENCY CURTAILABLE SERVICE RIDER

### Availability of Service

~~This rider shall be available for Emergency Curtailable Service (ECS) to customers normally taking firm service under Schedules GS-2, GS-2-TOD, GS-3 and GS-4. The Company reserves the right to limit the amount of ECS capacity contracted under this Rider. The Company will accept ECS requests in the order received, for their total capacity requirements from the Company. The customer must have an on-peak curtailable demand not less than 1 MW and will be compensated for KWH curtailed under the provisions of this Rider.~~

### OPTION ONE: Company Peak Demand Reduction Program

### Conditions of Service

1. ~~The provisions of this Rider qualify under the PJM Emergency Demand Response Program as of the effective date. If the PJM Tariff is subsequently revised, the Company reserves the right to make changes to this Rider in order to continue to qualify under the PJM Emergency Demand Response Program.~~
2. ~~The Company reserves the right to call for (request) customers to curtail service to use of the customer's ECS load when, in the sole judgment of the Company, an emergency condition exists on the American Electric Power (AEP) System or the PJM Interconnection, L.L.C. (PJM) RTO. The Company shall determine that an emergency condition exists if curtailment of load served under this Rider is necessary in order to maintain service to the Company's other firm service customers according to the AEP System Emergency Operating Plan for generation capacity deficiencies or if PJM issues an Emergency Notice.~~
23. ~~The Company will endeavor to provide as much advance notice as possible of curtailments under this Rider including an estimate of the duration of such curtailments. However, the customer's ECS load shall be curtailed within 30 minutes-2 hours if so requested.~~
34. ~~In no event shall the customer be subject to ECS load curtailment under the provisions of this Rider for more than 60-60 hours during any season delivery year or for more than 10 interruption events per delivery year. However, a customer must agree to be subject to ECS Curtailments of up to 6-hour duration for each curtailment event, on weekdays between 12 noon to 8 pm for the months May through September and between 2 pm to 10 pm for the months October through April. For purposes of this Rider, seasons are defined as follows:~~

Winter	November 15 through March 15
Summer	May 15 through September 15

~~No curtailments under this Rider shall occur on other days of the year, with the exception of test curtailments as specified under Item 6 below.~~
45. ~~The Company will inform and the customer shall mutually agree upon the method which the Company shall use to notify the customer of a curtailment under the provisions of this Rider. The method shall specify the means of communicating such curtailment (e.g., the Company's customer regarding the communication system, telephone, pager) and shall designate the customer's representatives to receive said notification process of notices to curtail. The customer is ultimately responsible for receiving and acting upon a curtailment notification from the Company.~~

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 71-1

Revised Sheet No. 71-1

P.U.C.O. NO. 7

EMERGENCY CURTAILABLE SERVICE RIDER

56. No responsibility or liability of any kind shall attach to or be incurred by the Company or the AEP System for, or on account of, any loss, cost, expense or damage caused by or resulting from, either directly or indirectly, any curtailment of service under the provisions of this Rider.
67. If no Emergency events are called during the summer of the delivery year, the Company will conduct a test and verify the ~~The Company reserves the right to test and verify the customer's ability to curtail as required by the PJM RTO. The Company reserves the right to re-test the customer if the Company does not achieve the minimum 80% compliance testing standards for all of the Company's ECS customers as required by PJM. These tests must be conducted for one hour during the on-peak hours from June 1 through September 30 during the delivery year. Such test will be limited to one curtailment per contract term. Any failure of the customer to comply with a request to curtail load will entitle the Company to call for one additional test. The Company agrees to notify the customer as to the month in which the test will take place, and will consider avoiding tests on days which may cause a unique hardship to the customer's overall operation. There shall be no credits for test curtailments nor charges for failure to curtail during a test.~~

(Continued on Revised Sheet No. 71-2)

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P.U.C.O. NO. 7

### EMERGENCY CURTAILABLE SERVICE RIDER

#### Conditions of Service (Cont'd)

78. The Company reserves the right to discontinue service to the customer under this Rider if the customer fails to curtail under any circumstances twice during a 12-month period as requested by the Company.
8. ~~The customer shall not receive credit for any curtailment periods in which the customer's curtailable load is already down for an extended period due to a planned or unplanned outage as a result of vacation, renovation, repair, refurbishment, force majeure, strike, or any event other than the customer's normal operating conditions.~~

#### Curtailment Options

The customer shall select one of the following ECS Curtailment Options under this Rider:

	<u>Maximum Duration</u>
Curtailment Option A	4 hours
Curtailment Option B	8 hours

~~The Maximum Duration is the maximum number of hours per curtailment event which may be curtailed under the provisions of this Rider. The Company, to the extent practical, will endeavor to minimize the curtailment duration. However, the customer shall receive a minimum of 2 hours credit per curtailment event.~~

#### ECS Contract Capacity

~~Each customer shall have an ECS Contract Capacity to be considered as emergency curtailable capacity under this Rider. The customer shall specify the Non-ECS Demand, which shall be the demand at or below which the customer will remain during curtailment periods. The ECS Contract Capacity shall be the difference between the customer's typical on-peak demand and the customer's specified Non-ECS Demand. The Company shall determine the customer's typical on-peak demand, as agreed upon by the Company and the customer. For purposes of this Rider, the on-peak billing period is defined as 7 a.m. to 11 p.m., local time, for all weekdays, Monday through Friday.~~

~~The customer may modify the amount of ECS Contract Capacity and/or the Curtailment Option no more than once prior to each season. Modifications must be received by the Company in writing no later than 30 days prior to the beginning of the season.~~

#### Curtailed Demand

~~For each curtailment period, The customer's -Curtailed Demand is determined based upon which method of measurement the customer chooses. The customer may choose one of two methods to measure the curtailed demand: 1) Guaranteed Load Drop (GLD) or 2) Firm Service Level (FSL). The method chosen shall remain in effect for an entire delivery year, June 1 through May 31 of the following year as defined by PJM. be defined as the difference between the customer's typical on-peak demand and the maximum 30-minute integrated demand during that curtailment period.~~

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 71-2

Revised Sheet No. 71-2

P.U.C.O. NO. 7

EMERGENCY CURTAILABLE SERVICE RIDER

(Continued on Sheet No. 71-3)

**Guaranteed Load Drop (GLD) Method**

**Guaranteed Load Drop (GLD)**

Each customer must designate a Guaranteed Load Drop, which amount shall be the minimum demand reduction that the customer will provide for each hour during a curtailment event or during a curtailment test. The Guaranteed Load Drop shall also be the ECS Contract Capacity.

**Customer Baseline Load Calculation**

A Customer Baseline Load (CBL) will be calculated for each hour corresponding to each event hour. Normally, the CBL will be calculated for each hour as the average corresponding hourly demands from the highest 4 out of 5 most recent similar non-event days in the period preceding the relevant load reduction event. The highest load days are defined as the similar days (Weekday, Saturday, Sunday/Holiday) with the highest energy consumption spanning the event period hours. In cases where the normal calculation does not provide a reasonable representation of normal load conditions, the Company and customer may develop an alternative CBL calculation that more accurately reflects the customer's normal consumption pattern.

**Curtailed Energy**

The Curtailed Energy shall be determined for each event hour, defined as the difference between the customer's CBL for that hour and the customer's metered load for that hour.

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 71-3

Revised Sheet No. 71-2

P.U.C.O. NO. 7

EMERGENCY CURTAILABLE SERVICE RIDER

Period ECS Energy

~~Period ECS Energy shall be defined as the product of the Curtailed Demand and the number of hours for each curtailment period. For customers with KVA demands, Period ECS Energy shall be multiplied by the customer's average monthly power factor.~~

Curtailment Credits

The Curtailment Energy Credit shall be a negotiated amount not less than 80 percent of the AEP East Load Zone hourly Real-Time Locational Marginal Price (LMP) established by PJM (including congestion and marginal losses) for each will be quoted to the customer upon notice of a curtailment event hour.

The Curtailment Demand Credit shall be a negotiated amount not less than 80 percent of the Cost of AEP's capacity obligation in accordance with PJM's Reliability Assurance Agreement Among Load Serving Entities, expressed in \$/MW-day.

(Continued on Revised Sheet No. 71-3)

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 71-3  
Revised Sheet No. 71-3

P.U.C.O. NO. 7

EMERGENCY CURTAILABLE SERVICE RIDER

**Monthly Demand Credit**

The Monthly Demand Credit shall be equal to one-twelfth of the product of the Guaranteed Load Drop and the Curtailment Demand Credit times 365 ECS Energy and the applicable ECS Curtailment Option Credit, less any charges computed for failure to curtail. The Monthly Demand Credit will be provided to the customer by check within 30 days after the end of the month in which the curtailment occurred. This amount will be recorded in the Federal Energy Regulatory Commission's Uniform System of Accounts under Account 555, Purchased Power, and will be recorded in a subaccount so that the separate identity of this cost is preserved shall be applicable to each month the customer is served under this Rider, regardless of whether or not there are any curtailment events during the month.

**Monthly Event Credit**

An Event Credit shall be calculated for each event hour equal to the product of the Curtailed Energy for that hour and the Curtailment Energy Credit for that hour. The Monthly Event Credit shall be the sum of the hourly event credits for all events occurring in the calendar month, but shall not exceed the customer's monthly energy charge under the applicable tariff. The customer shall not receive event credit for any curtailment periods to the extent that the customer's curtailable load is already reduced due to a planned or unplanned outage as a result of vacation, renovation, repair, refurbishment, force majeure, strike, economic conditions, or any event other than the customer's normal operating conditions.

**Noncompliance Charge**

There is no charge for noncompliance under this Rider. However, the customer's service under this Rider may be discontinued pursuant to the Conditions of Service.

If the customer fails to fully comply with a request for curtailment under the provisions of this Rider, then the Noncompliance Charge shall apply. If a customer does not reduce load by the full GLD, a noncompliance charge shall apply. For this purpose, Actual Load Drop (ALD) is defined as the difference between the customer's CBL (Customer Baseline Load) and the customer's actual hourly load. If the ALD is less than the GLD, the customer will be in non-compliance.

Filed pursuant to Orders dated March 18 and March 30, 2009 \_\_\_\_\_ in Case No. 08-017-EL-SSO \_\_\_\_\_

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Joseph Hamrock, President  
AEP Ohio

COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 71-3  
Revised Sheet No. 71-3

P.U.C.O. NO. 7

EMERGENCY CURTAILABLE SERVICE RIDER

The Noncompliance Demand Charge will be calculated based on the number of events missed because the customer did not curtail and the total number of events called by the Company to date for the delivery year. A penalty will be determined as the non-compliance load times the Cost of AEP's capacity obligation in accordance with PJM's Reliability Assurance Agreement Among Load Serving Entities (\$/MW-day) times 365, (e.g. curtailment of only 80 MW of a 100 MW ECS load is non-compliance and counts as a missed event, but the customer's annual payment will be reduced only for the 20 MW non-compliance load times the appropriate percentage from the table below). The penalty will then be multiplied by the percentage of reduction based upon the number of non-compliance events for the customer compared to the number of events called. Below is a table of annual payment reduction percentages.

<b>Annual Payment Reduction Percentages for Non-compliance</b>					
<b>Missed Events</b>	<b>Number of Events Called Annually</b>				
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5 or more</b>
<b>1</b>	<b>100%</b>	<b>50%</b>	<b>33%</b>	<b>25%</b>	<b>20%</b>
<b>2</b>		<b>100%</b>	<b>67%</b>	<b>50%</b>	<b>40%</b>
<b>3</b>			<b>100%</b>	<b>75%</b>	<b>60%</b>
<b>4</b>				<b>100%</b>	<b>100%</b>

(Continued on Original Sheet No. 71-4)

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Original Sheet No. 71-3

Original Sheet No. 71-4

P.U.C.O. NO. 7

## EMERGENCY CURTAILABLE SERVICE RIDER

### Noncompliance Charge (Cont'd)

If the customer misses four events, the customer will be charged 100% of the total annual payment amount. The Company and the customer will discuss methods to comply during future events, but ultimately the customer can be dismissed from the program if either party is not satisfied that the compliance problem has been resolved. Further, the customer's service under this Rider may be discontinued pursuant to the Conditions of Service.

### Firm Service Level (FSL) Method

### Peak Load Contribution

A Customer's Peak Load Contribution (PLC) will be calculated each year as the average of its load during PJM's five highest peak loads during the twelve month period ended October 31 of the previous year.

### Available Curtailable Demand (ACD)

Each customer must designate an Available Curtailable Demand, defined as the difference between the PLC and the Firm Service Level (FSL). The Available Curtailable Demand shall also be the ECS Contract Capacity. The FSL demand is the level to which the customer agrees to reduce load to or below for each hour during a curtailment event.

### Customer Baseline Load Calculation

A Customer Baseline Load (CBL) will be calculated for each hour corresponding to each event hour. Normally, the CBL will be calculated for each hour as the average corresponding hourly demands from the highest 4 out of the 5 most recent similar non-event days in the period preceding the relevant load reduction event. The highest load days are defined as the similar days (Weekday, Saturday, Sunday/Holiday) with the highest energy consumption spanning the event period hours. In cases where the normal calculation does not provide a reasonable representation of normal load conditions, the Company and customer may develop an alternative CBL calculation that more accurately reflects the customer's normal consumption pattern.

### Curtailed Energy

The Curtailed Energy shall be determined for each event hour, defined as the difference between the customer's CBL for that hour and the customer's metered load for that hour.

### Curtailment Credits

The Curtailment Energy Credit shall be a negotiated amount not less than 80 percent of the AEP East Load Zone hourly Real-Time Locational Marginal Price (LMP) established by PJM (including congestion and marginal losses) for each event hour.

The Curtailment Demand Credit shall be a negotiated amount not less than 80 percent of the Cost of AEP's capacity obligation in accordance with PJM's Reliability Assurance Agreement Among Load Serving Entities, expressed in \$/MW-day multiplied by the Available Curtailable Demand.

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Original Sheet No. 71-35

P.U.C.O. NO. 7

## EMERGENCY CURTAILABLE SERVICE RIDER

**Monthly Demand Credit**

The Monthly Demand Credit shall be equal to one-twelfth of the product of the Available Curtailable Demand and the Curtailment Demand Credit (\$/MW-day) times 365. The Monthly Demand Credit shall be applicable to each month the customer is served under this Rider, regardless of whether or not there are any curtailment events during the month.

**Monthly Event Credit**

An Event Credit shall be calculated for each event hour equal to the product of the Curtailed Energy for that hour and the Curtailment Energy Credit for that hour. The Monthly Event Credit shall be the sum of the hourly event credits for all events occurring in the calendar month, but shall not exceed the customer's monthly energy charge under the applicable tariff. The customer shall not receive event credit for any curtailment periods to the extent that the customer's curtailable load is already reduced due to a planned or unplanned outage as a result of vacation, renovation, repair, refurbishment, force majeure, strike, economic conditions, or any event other than the customer's normal operating conditions.

**Noncompliance Charge**

If the customer fails to fully comply with a request for curtailment under the provisions of this Rider, then the Noncompliance Charge shall apply. If a customer is operating at or below their designated Firm Service Level during an event, it will be understood that they have no capacity available with which to comply and will not be charged a noncompliance penalty. If the customer's actual hourly load during the curtailment event is above the designated FSL, the customer will be considered non-compliant. The amount of non-compliance demand is equal to the difference between the customer's actual hourly load and the customer's designated FSL.

The Noncompliance Demand Charge will be calculated based on the number of events during which the customer was noncompliant and the total number of events called by the Company to date for the delivery year. A penalty will be determined as the amount of non-compliance load times the Cost of AEP's capacity obligation in accordance with PJM's Reliability Assurance Agreement Among Load Serving Entities (\$/MW-day) times 365, (e.g. curtailment of only 80 MW of a 100 MW ECS load is non-compliance and counts as a missed event, but the customer's annual payment will be reduced only for the 20 MW non-compliance load times the appropriate percentage from the table below). The penalty will then be multiplied by the percentage of reduction based upon the number of non-compliance events for the customer compared to the number of events called. Below is a table of annual payment reduction percentages.

<b><u>Annual Payment Reduction Percentages for Non-compliance</u></b>					
<b><u>Missed Events</u></b>	<b><u>Number of Events Called Annually</u></b>				
	<b><u>1</u></b>	<b><u>2</u></b>	<b><u>3</u></b>	<b><u>4</u></b>	<b><u>5 or more</u></b>
<b><u>1</u></b>	<b><u>100%</u></b>	<b><u>50%</u></b>	<b><u>33%</u></b>	<b><u>25%</u></b>	<b><u>20%</u></b>
<b><u>2</u></b>		<b><u>100%</u></b>	<b><u>67%</u></b>	<b><u>50%</u></b>	<b><u>40%</u></b>
<b><u>3</u></b>			<b><u>100%</u></b>	<b><u>75%</u></b>	<b><u>60%</u></b>
<b><u>4</u></b>				<b><u>100%</u></b>	<b><u>100%</u></b>

(Continued on Original Sheet No. 71-6)

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EMERGENCY CURTAILABLE SERVICE RIDER

If the customer misses four events, the customer will be charged 100% of their total annual payment amount, will be dismissed from the program, and may not be eligible to participate in the program until both parties are satisfied that the compliance problem has been resolved. Further, the customer's service under this Rider may be discontinued pursuant to the Conditions of Service.

**Additional Provisions**

**Customer Credit**

The monthly credit(s) will be provided to the customer by check within 60 days after the end of the month. A customer may request aggregation of individual customer accounts into a single credit.

**Equipment Charge**

If a change in metering equipment or functionality is required, customers taking service under this Rider shall pay the additional cost of installation. The Company will make available to the customer the real time pulse metering data, if requested by the customer, for an additional fee.

**Term**

Contracts under this Rider shall be made for an initial period of one year, corresponding with the PJM planning/delivery year, and 4-season-and shall remain in effect thereafter until either party provides at least 30-days written notice to the other, prior to the start of the registration period as provided for in the PJM Tariff for the next planning/delivery year next season, of its intention to discontinue service under the terms of this Rider (registration period ended March 1, 2010 for the 2010/2011 delivery year).

**Special Terms and Conditions**

Individual customer information, including, but not limited to, ECS Contract Capacity and Curtailment Option, shall remain confidential.

If a new peak demand is set by the customer in the hour following the curtailment, due to the customer resuming the level of activity prior to the curtailment, the customer's previous high demand will be adjusted to disregard that new peak.

**OPTION TWO: Conditional Participation in PJM Demand Response Programs**

**Conditions of Service**

1. Customers are prohibited from participating in Demand Response Programs offered by PJM, either directly or through Curtailment Service Providers, except as authorized in this Rider.
2. Customers that want to participate in PJM Demand Response Programs must agree to commit, at no charge to the Company, the load being registered under the PJM Demand Response Program toward the Company's compliance with Peak Demand Reduction benchmarks imposed by Ohio law and enter into the customer demand response resource commitment agreement approved by the Commission for this purpose and adhere to the terms and conditions within. Customers who do so are permitted to participate in the PJM Demand Response Programs.

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 72-1

P.U.C.O. NO. 7

ENERGY PRICE CURTAILABLE SERVICE RIDER

Availability of Service

~~Available for Energy Price Curtailable Service (EPCS) to customers normally taking firm service under Schedules GS-3 and GS-4 for their total capacity requirements from the Company. The customer must have an on-peak curtailable demand not less than 1 MW and will be compensated for KWH curtailed under the provisions of this Rider.~~

Conditions of Service

1. ~~The Company reserves the right to curtail service to the customer's EPCS load at the Company's sole discretion.~~
2. ~~The Company will endeavor to provide as much advance notice as possible of curtailments under this Rider including an estimate of the duration of such curtailments. However, the customer's EPCS load shall be curtailed within 1 hour if so requested.~~
3. ~~For purposes of this Rider, seasons are defined as follows:~~

Winter	December, January and February
Spring	March, April and May
Summer	June, July and August
Fall	September, October and November
4. ~~The Company and the customer shall mutually agree upon the method which the Company shall use to notify the customer of a curtailment under the provisions of this Rider. The method shall specify the means of communicating such curtailment (e.g., the Company's customer communication system, telephone, pager) and shall designate the customer's representatives to receive said notification. The customer is ultimately responsible for receiving and acting upon a curtailment notification from the Company.~~
5. ~~No responsibility or liability of any kind shall attach to or be incurred by the Company or the AEP System for, or on account of, any loss, cost, expense or damage caused by or resulting from, either directly or indirectly, any curtailment of service under the provisions of this Rider.~~
6. ~~The Company reserves the right to test and verify the customer's ability to curtail. Such test will be limited to one curtailment per contract term. Any failure of the customer to comply with a request to curtail load will entitle the Company to call for one additional test. The Company agrees to notify the customer as to the month in which the test will take place, and will consider avoiding tests on days which may cause a unique hardship to the customer's overall operation. There shall be no credits for test curtailments nor charges for failure to curtail during a test.~~

(Continued on Sheet No. 72-2)

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Original Sheet No. 72-2

P.U.C.O. NO. 7

~~ENERGY PRICE CURTAILABLE SERVICE RIDER~~

Conditions of Service (Cont'd)

7. ~~Upon receiving a curtailment notice from the Company, the customer must respond within 45 minutes when the request is made on a day ahead basis and within 15 minutes when a request is made for the current day if the customer intends to participate in the curtailment event. Customers who fail to respond, or respond that they will not participate in the curtailment event, will receive no payments, nor be subject to any monetary charges described elsewhere under this Rider. However, a customer's failure to respond or a response that the customer will not participate will be considered as a failure to curtail for purposes of Paragraph 8 below.~~
8. ~~The Company reserves the right to discontinue service to the customer under this Rider if the customer fails to curtail under any circumstances three or more times during a season as requested by the Company.~~
9. ~~The customer shall not receive credit for any curtailment periods in which the customer's curtailable load is already down for an extended period due to a planned or unplanned outage as a result of vacation, renovation, repair, refurbishment, force majeure, strike, or any event other than the customer's normal operating conditions.~~

Curtailment Options

~~At the time the customer contracts for service under this Rider, the customer shall select one or both of the following Curtailment Notice Types:~~

<del>Notice Type 1</del>	<del>Day Ahead Notification</del>
<del>Notice Type 2</del>	<del>Current Day Notification</del>

~~At the time the customer selects one or both types of Notice Types above, the customer shall also select one of the following Curtailment Limits for each Notice Type selected:~~

	<u>Maximum Duration</u>
<del>Curtailment Limit A</del>	<del>2 hours</del>
<del>Curtailment Limit B</del>	<del>4 hours</del>
<del>Curtailment Limit C</del>	<del>8 hours</del>

~~The Curtailment Limit is the maximum number of hours per curtailment event for which load may be curtailed under the provisions of this Rider. The customer shall receive credit for a minimum of two hours per curtailment event, even if the event is shorter than two hours.~~

(Continued on Sheet No. 72-3)

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Original Sheet No. 72-3

P.U.C.O. NO. 7

ENERGY PRICE CURTAILABLE SERVICE RIDER

Curtailment Options (Cont'd)

~~\_\_\_\_\_ The customer shall specify the Maximum Number of Days during the season that the customer may be requested to curtail under each Notice Type chosen. The customer shall also specify the Minimum Price at which the customer would be willing to curtail under each Notice Type chosen. The Company, at its sole discretion, will determine whether the customer shall be curtailed given the customer's specified Curtailment Options.~~

EPCS Contract Capacity

~~\_\_\_\_\_ Each customer shall have a EPCS Contract Capacity to be considered as price curtailable capacity under this Rider. The customer shall specify the Non-EPCS Demand, which shall be the demand at or below which the customer will remain during curtailment periods. The EPCS Contract Capacity shall be the difference between the Customer's typical on-peak demand and the customer's specified Non-EPCS Demand. The Company shall determine the customer's typical on-peak demand, as agreed upon by the Company and the customer. For the purpose of this Rider, the on-peak billing period is defined as 7 a.m. to 11 p.m., Eastern daylight time, Monday through Friday.~~

~~The customer may modify the amount of EPCS Contract Capacity and/or the Curtailment Options no more than once prior to each season. Modifications must be received by the Company in writing no later than 30 days prior to the beginning of the season.~~

Curtailed Demand

~~For each curtailment period, Curtailed Demand shall be defined as the difference between the customer's typical on-peak demand and the 30-minute integrated demand during each interval of the curtailment period.~~

Curtailment Credit

~~Hourly EPCS Energy shall be defined as the Curtailed Demand for each 30-minute interval divided by two. For customers with KVA demands, Hourly EPCS Energy shall also be multiplied by the customer's average monthly power factor. The Curtailment Credit shall be equal to the product of the Hourly EPCS Energy and the greater of the following: (a) 80% of the AEP East Load Zone Real Time Locational Marginal Price (LMP) established by PJM (including congestion and marginal losses), (b) the Minimum Price as specified by the customer or (c) 3.5¢/KWH.~~

Monthly Credit

~~The Monthly Credit shall be equal to the sum of the Curtailment Credits for the calendar month, less any Noncompliance Charges. The Monthly Credit will be provided to the customer by check within 30 days after the end of the month in which the curtailment occurred. This amount will be recorded in the Federal Energy Regulatory Commission's Uniform System of Account 555, Purchased Power, and will be recorded in a subaccount so that the separate identity of this cost is preserved.~~

(Continued on Sheet No. 72-4)

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Original Sheet No. 72-4

P.U.C.O. NO. 7

**ENERGY PRICE CURTAILABLE SERVICE RIDER**

Failure to Curtail

~~If the customer responds affirmatively that it will participate in a curtailment event, and subsequently fails to fully comply with a request for curtailment under the provisions of this Rider, then the Noncompliance Demand shall be the difference between the maximum 30-minute integrated demand during each hour of the curtailment period and the Non-EPCS Demand. Noncompliance Energy shall be calculated each hour of the curtailment period as the Noncompliance Demand multiplied by the number of hours for the curtailment period. For customers with KVA demands, Noncompliance Energy shall also be multiplied by the customer's average monthly power factor. Noncompliance Energy shall be billed at a rate equal to the applicable Curtailment Credit for the hours during which the customer failed to fully comply.~~

Term

~~Contracts under this Rider shall be made for an initial period of not less than 1 season and shall remain in effect thereafter until either party provides to the other at least 30 days written notice prior to the start of the next season of its intention to discontinue service under the terms of this Rider.~~

Special Terms and Conditions

~~Individual customer information, including, but not limited to, EPCS Contract Capacity and Curtailment Options, shall remain confidential.~~

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AEP Ohio

COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 73-1

P.U.C.O. NO. 7

**MONONGAHELA POWER LITIGATION TERMINATION RIDER**

Effective Cycle 1 January 2006, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Monongahela Power Litigation Termination Rider of 0.01229¢ per KWH. This temporary Rider shall remain in effect until the amounts authorized by the Commission in Case No. 05-765-EL-UNC have been collected.

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AEP Ohio

COLUMBUS SOUTHERN POWER COMPANY

2<sup>nd</sup> Revised Sheet No. 75-1  
Cancels 1<sup>st</sup> Revised Sheet No. 75-1

P.U.C.O. NO. 7

## TRANSMISSION COST RECOVERY RIDER

Effective Cycle 1 July 2010, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Transmission Cost Recovery Rider per KW, KVA and/or KWH as follows:

Schedule	¢/KWH	\$/KW or \$/KVA
R-R, R-R-1, RLM, RS-ES, RS-TOD	0.75016	
GS-1	0.63563	
GS-2 Secondary	0.27336	0.982
GS-2 TOD and GS-2-LMTOD	0.68140	
GS-2 Primary	0.26445	0.950
GS-3 Secondary	0.20726	1.442
GS-3-LMTOD	0.53950	
GS-3 Primary	0.20051	1.395
GS-4, IRP-D Subtransmission and Transmission	0.16812	2.521
IRP-D Secondary	0.17716	2.657
IRP-D Primary	0.17139	2.570
SL	0.20444	
AL	0.20444	

Schedule SBS	¢/KWH	\$/KW					
		5%	10%	15%	20%	25%	30%
Backup - Secondary	0.20781	0.126	0.251	0.377	0.503	0.629	0.754
- Primary	0.20104	0.122	0.243	0.365	0.487	0.608	0.730
- Subtrans/Trans	0.19721	0.119	0.239	0.358	0.477	0.597	0.716
Backup < 100 KW Secondary		0.377					
Maintenance - Secondary	0.26855						
- Primary	0.25981						
- Subtrans/Trans	0.25485						
GS-2 and GS-3 Breakdown Service		0.377					

Filed pursuant to Order dated June 23, 2010 in Case No. 10-477-EL-RDR

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Joseph Hamrock, President  
AEP Ohio



COLUMBUS SOUTHERN POWER COMPANY

2<sup>nd</sup> Revised Sheet No. 80-1  
Cancels 1<sup>st</sup> Revised Sheet No. 80-1

P.U.C.O. NO. 7

FUEL ADJUSTMENT CLAUSE RIDER

Effective January 8, 2010 Cycle 1 January 2012, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Fuel Adjustment Clause charge per KWH as follows:

Schedule	Secondary	Primary	Subtransmission/ Transmission
	(\$/KWH)	(\$/KWH)	(\$/KWH)
R-R, R-R-1, RLM, RS-ES, RS-TOD	3.65191	—	—
GS-1	3.82381	—	—
GS-2	3.68943	3.56910	—
GS-2-TOD and GS-2-LM-TOD	3.68943	—	—
GS-3	3.47461	3.36128	—
GS-3-LM-TOD	3.47461	—	—
GS-4	—	—	3.11671
IRP-D	3.28405	3.17694	3.11671
SL	3.95288	—	—
AL	4.50885	—	—
SBS	3.53250	3.36577	3.11671

Delivery Voltage	Charge
	(\$/KWH)
Secondary	
Primary	
Subtransmission/Transmission	

Filed pursuant to Order dated January 7, 2010 in Case No. 09-872-EL-FAC

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Joseph Hamrock, President  
AEP Ohio

COLUMBUS SOUTHERN POWER COMPANY

1<sup>st</sup> Revised Sheet No. 81-1  
Cancels Original Sheet No. 81-1

P.U.C.O. NO. 7

**ENERGY EFFICIENCY AND PEAK DEMAND REDUCTION COST RECOVERY RIDER**

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

Schedule	¢/KWH
R-R, R-R-1, RLM, RS-ES and RS-TOD	0.28415
GS-1	0.27589
GS-2 and GS-2-TOD	0.27589
GS-3	0.27589
GS-4 and IRP-D	0.04108
SBS	0.00000
SL	0.00000
AL	0.00000

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

Filed pursuant to Order dated May 13, 2010 in Case No. 09-1089-EL-POR

Issued: May 21, 2010

Issued by  
Joseph Hamrock, President  
AEP Ohio

Effective: Cycle 1 June 2010

COLUMBUS SOUTHERN POWER COMPANY

3<sup>rd</sup> Revised Sheet No. 82-1  
Cancels 2<sup>nd</sup> Revised Sheet No. 82-1

P.U.C.O. NO. 7

**ECONOMIC DEVELOPMENT COST RECOVERY RIDER**

Effective Cycle 1 October, 2010, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Economic Development Cost Recovery charge of 10.74420% of the customer's distribution charges under the Company's Schedules, excluding charges under any applicable Riders. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

Filed pursuant to Order dated September 22, 2010 in Case No. 10-1072-EL-RDR

Issued: September 27, 2010

Effective: Cycle 1 October, 2010

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Joseph Hamrock, President  
AEP Ohio

COLUMBUS SOUTHERN POWER COMPANY

1<sup>st</sup> Revised Sheet No. 83-1  
Cancels Original Sheet No. 83-1

P.U.C.O. NO. 7

**ENHANCED SERVICE RELIABILITY RIDER**

Effective January 8, 2010, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Enhanced Service Reliability charge of 2.82976% of the customer's distribution charges under the Company's Schedules, excluding charges under any applicable Riders. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

Filed pursuant to Order dated January 7, 2010 in Case No. 09-1906-EL-ATA

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Issued by  
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AEP Ohio

Effective: January 8, 2010

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2nd Revised Sheet No. 84-1  
Cancels 1<sup>st</sup> Revised Sheet No. 84-1

P.U.C.O. NO. 7

**gridSMART RIDER**

Effective with the first billing cycle of September, 2010, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the monthly gridSMART charge. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

Residential Customers	\$0.52/month
Non-Residential Customers	\$2.27/month

Filed pursuant to Order dated August 11, 2010 in Case No. 10-0164-EL-RDR

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Joseph Hamrock, President  
AEP Ohio

Effective: 1<sup>st</sup> Cycle September 2010

COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 85-1

P.U.C.O. NO. 7

ENVIRONMENTAL INVESTMENT CARRYING COST RIDER

Effective Cycle 1-September 2010 January 2012, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Environmental Investment Carrying Cost Rider charge per kWh as follows: ~~of 4.55325% of the customer's Non-Fuel generation charges under the Company's Schedules, excluding charges under any applicable Riders.~~

<u>Schedule</u>	<u>Charge ¢/KWH</u>
<u>R-R, R-R-1, RS-ES, RS-TOD and RLM</u>	
<u>GS-1</u>	
<u>GS-2, GS-2-TOD, GS-2-ES, GS-3, GS-3-ES, GS-4</u>	
<u>AL</u>	
<u>SL</u>	

This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

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STANDARD OFFER GENERATION SERVICE RIDER

Effective Cycle 1 January 2012, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Standard Offer Generation Service Rider charge per kW and/or kWh as follows:

Schedule	Summer ¢/KWH	Winter ¢/KWH
Residential	3.582	2.838
Residential - On-Peak	4.953	3.607
Residential - Off-Peak, SWH & LMWH	1.972	2.019
GS-1	2.714	2.057
GS-1/GS-2/GS-3 On-Peak	3.923	2.735
GS-1/GS-2/GS-3 Off-Peak	1.292	1.334
AL	0.053	0.053
SL	0.059	0.059

Schedules GS-2, GS-3, GS-4						
Delivery Voltage:	Secondary		Primary		Subtransmission/ Transmission	
	Summer ¢/KWH	Winter ¢/KWH	Summer ¢/KWH	Winter ¢/KWH	Summer ¢/KWH	Winter ¢/KWH
First 100 kWh per kW	3.130	2.434	3.021	2.350	2.981	2.303
Next 100 kWh per kW	3.040	2.354	2.935	2.272	2.876	2.227
Next 100 kWh per kW	2.700	2.048	2.606	1.977	2.554	1.938
Next 100 kWh per kW	2.108	1.519	2.035	1.466	1.994	1.437
Next 100 kWh per kW	1.265	0.765	1.221	0.738	1.197	0.724
Next 100 kWh per kW	0.172	0.000	0.166	0.000	0.163	0.000
Over 600 kWh per kW	0.000	0.000	0.000	0.000	0.000	0.000

Schedule SBS	Summer ¢/KWH	Winter ¢/KWH	\$/KW					
			5%	10%	15%	20%	25%	30%
Backup - Secondary	1.292	1.334	0.55	1.09	1.64	2.19	2.74	3.28
- Primary	1.247	1.288	0.55	1.09	1.64	2.19	2.74	1.59
- Subtrans/Trans	1.222	1.262	0.55	1.09	1.64	2.19	2.74	1.56
Backup < 100 KW Secondary			1.64					
Maintenance - Secondary	1.556	1.598						
- Primary	1.511	1.552						
- Subtrans/Trans	1.486	1.526						
Breakdown Service			1.64					

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P.U.C.O. NO. 7

**DISTRIBUTION INVESTMENT RIDER**

Effective \_\_\_\_\_, all customer bills subject to the provision of this Rider, including any bills rendered under special contract, shall be adjusted by the Distribution Investment Rider charge of \_\_\_\_\_% of the customer's distribution charges under the Company's Schedules, excluding charges under any applicable Riders. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

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P.U.C.O. NO. 7

EMERGENCY ELECTRICAL PROCEDURES

[A] GENERAL

Emergency electrical procedures may be necessary if there is a shortage in electric power or energy to meet the demands of customers in the electric service area of Columbus Southern Power Company (CSP or Company). Should such emergency procedure become necessary, the Company shall advise promptly the Public Utilities Commission of Ohio (Commission) of the nature, time, and duration of all implemented emergency conditions and procedures which affect normal service to customers.

Each year, prior to March 1<sup>st</sup>, the Company will apprise the public of the state of electricity supply in its service area.

As appropriate, and dependent on the nature of the anticipated or occurring emergency, the Company shall initiate the following procedures.

[B] EMERGENCY PROCEDURES DURING DECLINING SYSTEM FREQUENCY

Introduction

Precautionary procedures are required to meet emergency conditions such as system separation and operation at subnormal frequency. In addition, the coordination of these emergency procedures with neighboring companies is essential. The AEP program, which is in accordance with ECAR Document 3, is noted below.

Procedures

1. From 60.0-59.8 Hz to the extent practicable utilize all operating and emergency reserves. The manner of utilization of these reserves will depend greatly on the behavior of the System during the emergency. For rapid frequency decline, only that capacity on-line and automatically responsive to frequency (spinning reserve), and such items as interconnection assistance and load reductions by automatic means are of assistance in arresting the decline in frequency.  
  
If the frequency decline is gradual, the system operators, particularly in the deficient area, should invoke non-automatic procedures involving operating and emergency reserves. These efforts should continue until the frequency decline is arrested or until automatic load-shedding devices operate at subnormal frequencies.
2. At 59.8 Hz trip automatic load-frequency control system at SCC and at the power plants. (Also trip at 60.2 Hz.)
3. At 59.8 Hz notify interruptible customers to drop loads.
4. At 59.5 Hz automatically shed 3-1/3% of System internal load, excluding interruptibles, by relay action.
5. At 59.4 Hz automatically shed an additional 3-1/3% of System internal load, excluding interruptibles, by relay action.

(Continued on Sheet No. 90-2)

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 90-2

P.U.C.O. NO. 7

### EMERGENCY ELECTRICAL PROCEDURES

6. At 59.3 Hz automatically shed an additional 3-1/3% of System internal load, excluding interruptibles, by relay action.
7. At 59.1 Hz automatically shed an additional 5% of System internal load, excluding interruptibles, by relay action.
8. At 59.0 Hz automatically shed an additional 5% of System internal load, excluding interruptibles, by relay action.
9. At 58.9 Hz automatically shed an additional 5% of System internal load, excluding interruptibles, by relay action.
10. At 58.2 Hz automatically trip the D.C. Cook Nuclear Units 1 and 2.
11. At 58.0 isolate generating units without time delay.

If at any time in the above procedure the decline in area frequency is arrested below 59.0 Hz, that part of the System in the low frequency area should shed an additional 10% of its initial load. If, after five minutes, this action has not returned the area frequency to 59.0 Hz or above, that part of the System shall shed an additional 10% of its remaining load and continue to repeat in five-minute intervals until 59.0 Hz is reached. These steps must be completed within the time constraints imposed upon the operation of generating units.

#### [C] CAPACITY EMERGENCY CONTROL PROGRAM

##### Introduction

A capacity deficiency exists on the AEP System when AEP cannot meet its internal load obligations and its reliability reserve requirements by use of its own generation or purchases from interconnections.

When a capacity deficiency exists on the AEP System that requires the use of emergency resources, they shall be utilized – to the extent needed and feasible – in the sequence indicated as follows. If it is anticipated that Steps 8, 11 and 13 may be required, a Voltage Reduction Alert, a Voluntary Load Curtailment Alert, and a Mandatory Load Curtailment Alert will be issued by the System Control Center (SCC) giving as much advance notice as possible.

The emergency capacity resources for meeting load, together with the priority order of use and the method of communication, are presented below:

##### Definitions

The definitions associated with the emergency capacity resources are provided below:

(Continued on Sheet No. 90-3)

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EMERGENCY ELECTRICAL PROCEDURES

1. Interruptible Loads

Interruptible Loads are defined as customer loads served under tariffs that provide for the curtailment and interruption of such loads as a condition of service. Such loads are included in Step 1 of the Capacity Deficiency Procedure. In the event of a shortage of generating capacity on the AEP System that cannot be alleviated from sources of generation on neighboring systems, Interruptible Loads shall be curtailed or interrupted at the direction of the AEP SCC under the conditions defined below:

- a. To arrest a decline in system frequency caused by AEP generation deficiency and to attempt to restore Area Control Error to zero following the sudden loss of generation if available spinning reserve is insufficient to do so. Partial or full service shall be restored to Interruptible Loads as soon as (1) sufficient amounts of replacement energy are made available and delivered by interconnected electric utility systems, or (2) system generation is able to match system load requirements.
- b. To arrest declining system frequency caused by AEP generation deficiency and to attempt to restore Area Control Error to zero during periods of shortage of generating capacity on the AEP System that cannot be alleviated from sources of generation on interconnected electric utility systems as provided in the Capacity Deficiency Procedure.
- c. To arrest declining system frequency when the entire interconnected system is critically short of generating capacity.
- d. To conserve fuel during a period of severe coal shortage as provided in the Energy Emergency Control Program.

In addition to the above-described specific purposes, Interruptible Loads shall be curtailed or interrupted at any time and for periods of time as deemed necessary by the SCC to maintain the integrity of the AEP System.

2. Supplementary Oil and Gas Firing

The use of oil and gas firing to regain lost generation that has occurred due to curtailments caused solely from loss of coal firing capability. Larger orifice plates in the oil lighter tips are required. If the unit is at full load (wide-open valves), no additional capacity is available.

3. Operate Generator Peakers

Additional capacity is available at Conesville (7.5 MW), Rockport (5 MW) and Groveport (1.5 MW) by operating diesel-generation sets located at the respective sites. Also, additional capability is available from the gas-turbine set at 1 Riverside Plaza (2.5 MW).

(Continued on Sheet No. 90-4)

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EMERGENCY ELECTRICAL PROCEDURES

4. **Emergency Hydro**  
Additional Hydro Plant Capability is provided by operating with 100 percent turbine gate openings at Leesville, Claytor, Byllesby, Buck, and Reusens. Extreme caution must be used, as operating in this manner could result in seriously lowering the elevations of the reservoirs too rapidly and creating other problems. Existing lake levels and actual flows will dictate the duration of availability.
5. **Curtailment of Generating Plant Use**  
The curtailment of generating plant use is brought about by limiting the operation of noncritical plant activities. This would usually consist of the curtailment of coal handling, the shutting down of the machine shop to the extent practical, and the curtailment of lighting or air conditioning load. Plant management has the responsibility to determine what noncritical plant activities may be limited or stopped.
6. **Curtailment of Non-Essential Building Load**  
This step pertains to the office and commercial buildings of the AEP System and primarily represents the lighting and air conditioning or heating load.
7. **Extra Load Capability of Generating Units**  
The utilization of overpressure and/or the removal of feedwater heaters results in additional capability that may be utilized for limited daily periods, depending on unit condition and frequency of use.
8. **Voltage Reduction (DOE Report Required)**  
The voltage on the transmission and subtransmission system shall not be affected. The general approach is to lower the voltage at distribution stations that have automatic bus voltage regulators or feeder regulators. The full effect of the voltage reduction program is not instantaneous, but depends upon time required for the dispatching of personnel to implement the program.  
  
This voltage reduction involves a three (3) volt reduction, corresponding to a two and one-half percent voltage reduction and an estimated two percent drop in load.
9. **Curtailment of Short-Term Deliveries**  
The curtailment of short-term deliveries supplied from AEP generation involves the termination of deliveries in this classification, except to those systems that are delivering equivalent energy to AEP.
10. **Emergency Curtailable Service (DOE Report Required)**  
Emergency Curtailable Service customers are those taking firm service with an on-peak curtailable demand of not less than 3 MW, who contract with AEP to be compensated for KWH curtailed for capacity deficiency. When requested to curtail by the SCC, the customer must curtail their load within thirty minutes. The amount of curtailable MWs available for this step will vary.

(Continued on Sheet No. 90-5)

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EMERGENCY ELECTRICAL PROCEDURES

11. Voluntary Load Curtailment (DOE Report Required)

In cases of sudden emergencies, it may be necessary to utilize Step 13 even before this step is fully implemented.

- a. Radio and television alert to the general public to reduce all non-essential load, far enough in advance of need to be effective at the time that 11.c below is effective.
- b. Load relief utilizing voluntary industrial curtailment program. Under this program industrial and wholesale customers and coal mine preparation plants are requested to curtail all non-essential power usage. This program is to be utilized when it becomes known in advance that power commitments on the AEP System cannot be carried by utilizing all emergency capacity resources and all available assistance from the interconnections. The SCC will initiate the program to contact designated customers through Business Services personnel.
- c. Municipal and REMC customers will be requested to reduce their demand on the AEP System by as much as possible through appeals for voluntary reduction.

12. Extended Capability and Internal Load Curtailment

- a. Concurrent with Step 11, request extended load operation from the 800 MW G.E. units, Amos 1 and 2, Big Sandy 2, Mitchell 2, and from both Rockport units. The amount of MWs that will be available will depend on the ambient temperature (approximately 50-105 MWs).
- b. Concurrent with Step 11, contact and inform Fuel Supply of the System Load situation. Approximately 50 to 75 MW in load reduction is available with all mines and prep plants shut down during peak load periods.
- c. Concurrent with Step 11, contact OVEC/IKEC and ask if the Piketon enrichment plant can reduce load. Also ask that the OVEC/IKEC plants curtail all generating units' non-essential loads. OVEC/IKEC should be able to reduce load by 75 MW.
- d. Concurrent with Step 11, contact the Environmental Services Air Quality Section Manager or assigned Air Section Engineer and obtain approval to allow West Virginia plants to exceed opacity limits to get additional curtailed load or extended load. When approved, contact the applicable plants that need an opacity variance and inform them of the new emergency opacity limit.
- e. Concurrent with Step 11, contact the Environmental Services Air Quality Section Manager or assigned Air Section Engineer and obtain approval to exceed heat input limits for the Tanners Creek plant while Step 11 is in effect. Information regarding maximum heat input for each day, during the variance period, will need to be gathered. Verify with the Environmental Services Air Quality Section Manager the exact information that will be needed. Contact the plant when the variance is approved.

(Continued on Sheet No. 90-6)

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EMERGENCY ELECTRICAL PROCEDURES

13. Mandatory Load Curtailment (DOE Report Required)

- a. Limited term and firm deliveries supplied by AEP generation to systems, pools, or Century Aluminum not delivering equivalent energy to AEP will be curtailed previous to manually curtailing AEP distribution feeders.
- b. Under this program distribution feeders can be manually interrupted upon order of the SCC. This order may be given under conditions of extreme capacity deficiency and declining frequency. In case of a sudden deterioration of frequency or overloaded ties, it may be necessary to start this step before all of the preceding steps are utilized or are fully effective. The order to interrupt will specify the amount of load or number of blocks in the Mandatory Load Curtailment Program that Transmission Operations needs to interrupt in each step. The periods of interruption will be approximately 15 minutes. During the circuit rotation the circuits in one step will be opened before previously opened ones are reclosed.

Interruption of distribution feeders will normally be done on a rotational basis to minimize cold load pickup problems and to minimize interruption to facilities that are essential to public health and safety.

In order to keep the Mandatory Load Shedding program as simple as possible, the circuits are divided into Groups A and Groups B. In addition, a number of blocks of circuits are divided up within each group; except for the Columbus Region, and the Southern Transmission Region which are set up under one supervisory control block and controlled by computer programs. There are six blocks per group with approximately 200 MWs per block. The SCC will advise Transmission Operations of a target load they want to shed. The number of blocks will then be evaluated, along with the supervisory controlled block, and the stations identified by the TDC's that need to be manned.

The circuit rotation will be done on a 15-minute rotation to minimize cold load or hot load pickup problems. The Group A circuits will be dropped on the HR:00 through HR:15 and HR:30 through HR:45. The Group B circuits will be dropped on the HR:15 through HR:30 and HR:45 through HR:00.

14. Termination of Capacity Emergency

The implementation of an Emergency Capacity resources condition that does not reach the voluntary load curtailment step indicated under Step 11 may be terminated by the Company at any time. However, any condition involving voluntary and/or mandatory load curtailments, Steps 11 or 13 shall be terminated on an AEP System-wide basis, upon notice to the Commissions, when the capacity emergency has eased sufficiently to permit substantially normal operations by the Company.

(Continued on Sheet No. 90-7)

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EMERGENCY ELECTRICAL PROCEDURES

[D] ENERGY EMERGENCY CONTROL PROGRAM

The purpose of this plan is to provide for the reduction of the consumption of electric energy on the American Electric Power Company System in the event of a severe coal shortage, such as might result from a general strike in the coal mines.

In the event of a potential severe coal shortage, such as one resulting from a general coal strike, the following steps will be implemented. These steps will be carried out to the extent permitted by contractual commitments or by order of the regulatory authorities having jurisdiction.

1. To be initiated when system fuel supplies are decreased to 70% of normal target days' operation of coal-fired generation and a continued downward trend in coal stock is anticipated:
  - a. Optimize the use of non-coal-fired generation to the extent possible.
  - b. For individual plants significantly under 70% of normal target days' supply, modify economic dispatching procedures to conserve coal.
  - c. If necessary discontinue all economy sales to neighboring utilities.
  - d. Curtail the use of energy in company offices, plants, etc., over and above the reductions already achieved by current in-house conservation measures.
2. To be initiated when system fuel supplies are decreased to 60% of normal target days' operation of coal-fired generation and a continued downward trend in coal stocks is anticipated:
  - a. Substitute the use of oil for coal, as permitted by plant design, oil storage facilities, and oil availability.
  - b. Discontinue all economy and short term sales to neighboring utilities.
  - c. Limit emergency deliveries to neighboring utilities to situations where regular customers of such utilities would otherwise be dropped or where the receiving utility agrees to return like quantities of energy within 14 days.
  - d. Curtail electric energy consumption by customers on Interruptible contracts to a maximum of 132 hours of use at contract demand per week.
  - e. Purchase energy from neighboring systems to the extent practicable.
  - f. Purchase energy from industrial customers with generation facilities to the extent practicable.

(Continued on Sheet No. 90-8)

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EMERGENCY ELECTRICAL PROCEDURES

- g. Through the use of news media and direct customer contact, appeal to all customers (retail as well as wholesale) to reduce their non-essential use of electric energy as much as possible, in any case by at least 25%.
        - h. Reduce voltage around the clock to the extent feasible.
        - i. The company will advise customers of the nature of the mandatory program to be introduced in C below, through direct contact and mass media, and establish an effective means of answering specific customer inquiries concerning the impact of the mandatory program on electricity availability.
- 3. To be initiated - in the order indicated below - when system fuel supplies are decreased to 50% of normal target days' operation of coal-fired plants and a continued downward trend in coal stocks is anticipated:
  - a. Discontinue emergency deliveries to neighboring utilities unless the receiving utility agrees to return like quantities of energy within seven days.
  - b. Request all customers, retail as well as wholesale, to reduce their non-essential use of electric energy by 100%.
  - c. Request, through mass communication media, curtailment by all other customers a minimum of 15% of their electric use. These uses include lighting, air conditioning, heating, manufacturing processes, cooking, refrigeration, clothes washing and drying, and any other loads that can be curtailed.
  - d. All customers will be advised of the mandatory program specified below in D.
- 4. To be initiated when system fuel supplies are decreased to 40% of normal target days' operation of coal-fired generation and a continued downward trend in coal stocks is anticipated:
  - a. Implement procedures for curtailment of service to all customers to a minimum service level that is not greater than that required for protection of human life and safety, protection of physical plant facilities, and employees' security. This step asks for curtailment of the maximum load possible without endangering life, safety and physical facilities.
  - b. All customers will be advised of the mandatory program specified below in E.
- 5. To be initiated when system fuel supplies are decreased to 30% of normal target days' operation of coal-fired generation and a continued downward trend in coal stocks is anticipated:

(Continued on Sheet No. 90-9)

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EMERGENCY ELECTRICAL PROCEDURES

Implement procedures for interruption of selected distribution circuits on a rotational basis, while minimizing - to the extent practicable - interruption to facilities that are essential to the public health and safety.

6. The Energy Emergency Control Program will be terminated when:
- a. The AEP System's remaining days of operation of coal-fired generation is at least 40% of normal target days' operation, and
  - b. Coal deliveries have been resumed, and
  - c. There is reasonable assurance that the AEP System's coal stocks are being restored to adequate levels.

With regard to mandatory curtailments identified in Items C, D, and E above, the Company proposes to monitor compliance after the fact. A customer exceeding his electric allotment would be warned to curtail his usage or face, upon continuing noncompliance and upon one day's actual written notice, disconnection of electric service for the duration of the energy emergency.

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GENERATION RESOURCE RIDER

Effective \_\_\_\_\_, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Generation Resource Rider charge of \_\_\_\_\_. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

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ALTERNATIVE ENERGY RIDER

Effective Cycle 1 January 2012, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Alternative Energy Rider charge per kWh as follows:

<u>Delivery Voltage</u>	<u>Charge (¢/kWh)</u>
Secondary	0.00000
Primary	0.00000
Subtransmission/Transmission	0.00000

This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

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PHASE-IN RECOVERY RIDER

Effective Cycle 1 January 2012, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Phase-In Recovery Rider charge per kWh as follows:

<u>Delivery Voltage</u>	<u>Charge (¢/kWh)</u>
Secondary	0.28936
Primary	0.27932
Subtransmission/Transmission	0.27375

This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

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MARKET TRANSITION RIDER

Effective Cycle 1 January 2012, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Market Transition Rider charge/credit per kWh as follows:

<u>Schedule</u>	Rate Applicable for All Billing Months of Calendar 2012	Rate Applicable for All Billing Months of Calendar 2013
	<u>Charge/(Credit)</u> ¢/KWH	<u>Charge/(Credit)</u> ¢/KWH
R-R, R-R-1, RS-ES, RS-TOD and RLM	(0.245)	(0.124)
GS-1	1.811	0.923
GS-2, GS-2-TOD and GS-2-ES	1.753	0.873
GS-3 and GS-3-ES	0.291	0.155
GS-4	(0.567)	(0.297)
AL	2.913	1.675
SL	1.657	0.976
SBS	(0.183)	(0.131)

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GENERATION NERC COMPLIANCE COST RECOVERY RIDER

Effective \_\_\_\_\_, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Generation NERC Compliance Cost Recovery Rider charge of \_\_\_\_\_. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

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FACILITY CLOSURE COST RECOVERY RIDER

Effective \_\_\_\_\_, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Facility Closure Cost Recovery Rider charge of \_\_\_\_\_. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

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Joseph Hamrock, President  
AEP Ohio

Effective: Cycle 1 January 2012

COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 97-1

P.U.C.O. NO. 7

CARBON CAPTURE AND SEQUESTRATION RIDER

Effective \_\_\_\_\_, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Carbon Capture and Sequestration Rider charge of \_\_\_\_\_. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

Filed pursuant to Order dated \_\_\_\_\_, 2011 in Case No. 11-\_\_\_\_-EL-SSO

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 98-1

P.U.C.O. NO. 7

GREEN POWER PORTFOLIO RIDER

Availability of Service

Available to customers taking service under the Company's metered rate schedules. This Rider is not available to Percentage of Income Payment Plan customers.

The Company reserves the right to limit participation in this Rider. Participation in this program is subject to the Company's ability to generate and/or procure renewable energy and renewable energy certificates (RECs) from Renewable Energy Resources, for purposes of compliance with Section 4928.64, Ohio Revised Code. If the total of all kWh under contract under this Rider equals or exceeds the amounts procured by the Company, the Company will endeavor to procure additional Renewable Energy Resources at a cost that is equal to or less than the price established in this Rider.

Conditions of Service

Customers who wish to support the development of electricity generated by Renewable Energy Resources may contract to purchase a specified percentage (25%, 50%, 75% or 100%) of their monthly kWh usage.

Renewable Energy Resources shall be defined in Section 4928.01 (A) (35) of the Ohio Revised Code and as determined by the Public Utilities Commission. Renewable Energy Resources include, but are not limited to, solar photovoltaic, solar thermal energy, wind energy, power produced from a hydroelectric facility, geothermal energy, fuel derived from solid wastes, biomass energy, biologically derived methane gas, energy derived from non-treated byproducts of the pulping process or wood manufacturing process, and fuel cells.

Monthly Rate

In addition to the monthly charges determined according to the Company's rate schedule under which the customer takes service, the customer shall also pay the following rate per monthly kWh used based upon the customer-selected Renewable Energy Resource percentage.

<u>Renewable Energy Resource Percentage</u>	<u>Green Energy Charge (¢ per kWh)</u>
25%	0.89
50%	1.79
75%	2.68
100%	3.58

Customer's electing service under this Rider will not be subject to the Advanced Energy Rider. The Company reserves the right to update the Green Energy Charge no more frequently than annually.

Term of Contract

Contracts under this Rider will be for an initial term of one (1) year and shall continue thereafter until either party provides thirty (30) days' notice to discontinue service under this Rider. Enrollments will be taken in the order that executed contracts are received.

(Continued on Sheet No. 98-2)

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AEP Ohio

COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 98-2

P.U.C.O. NO. 7

GREEN POWER PORTFOLIO RIDER

Special Terms and Conditions

This Rider is subject to the Company's Standard Terms and Conditions of Service and all provisions of the rate schedule under which the customer takes service, including all payment provisions. The Company may deny or terminate service under this Rider to customers who are delinquent in payment to the Company.

Filed pursuant to Order dated \_\_\_\_\_, 2011 in Case No. 11-\_\_\_\_-EL-SSO

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 99-1

P.U.C.O. NO. 7

**RATE SECURITY RIDER**

Availability of Service

Available for general service to customers having annual maximum demands of greater than 200 kW.

The Company reserves the right to limit participation in this Rider to 2,500 GWh of aggregate usage per year.

Conditions of Service

Customers who wish to enroll in this Rider must enter into a contract by March 31, 2012, subject to approval by the Public Utilities Commission of Ohio under Section 4905.31, Ohio Revised Code. Enrollments will be taken in the order that executed contracts are received.

Customers enrolled in this Rider agree to take standard offer service from the Company under the applicable rate schedule through the billing month of May 2017 and will not take service from a qualified CRES Provider during the term of the contract.

In no event shall service under this Rider be available to a customer whose principal business at the service location is classified in one of the following Standard Industrial Classification (SIC) Major Groups:

01	02	07	08	09	15	16	17	50	51
52	53	54	55	56	57	58	59	64	70

Monthly Rate

All monthly charges shall be determined according to the Company's rate schedule under which the customer takes service, including all applicable riders. The customer's monthly charges for base generation service under the Standard Offer Generation Service Rider shall be adjusted as follows:

<u>Billing Months</u>	<u>Base Generation Service Discount</u>	<u>Base Generation Service Rate</u>
January 2012 through December 2012	15%	85% of Standard Offer Generation Service Rider
January 2013 through May 2014	15%	85% of Standard Offer Generation Service Rider
June 2014 through May 2015	10%	90% of January 2013 through May 2014 Standard Offer Generation Service Rider
June 2015 through May 2016	5%	95% of January 2013 through May 2014 Standard Offer Generation Service Rider
June 2016 through May 2017	0%	100% of January 2013 through May 2014 Standard Offer Generation Service Rider

(Continued on Sheet No. 99-2)

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COLUMBUS SOUTHERN POWER COMPANY

Original Sheet No. 99-2

P.U.C.O. NO. 7

**RATE SECURITY RIDER**

**Term of Contract**

Contracts under this Rider will be for a term beginning with the first day of the first billing month following receipt of an executed contract, subject to the participation deadline and limit, and ending with the billing month of May 2017. Contracts under this Rider shall not commence before the billing month of January 2012 or after the billing month of May 2012.

Should a customer that has entered into a contract under this Rider not take standard offer service from the Company under the applicable rate schedule through the billing month of May 2017, the customer will be required to repay all rate discounts received under this Rider plus a 25% adder within 21 days after the mailing of the bill that includes such charges.

**Special Terms and Conditions**

This Rider is subject to the Company's Standard Terms and Conditions of Service and all provisions of the rate schedule under which the customer takes service.

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AEP Ohio

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OHIO POWER COMPANY

12<sup>th</sup> Revised Sheet No. 1-1  
Cancels 11<sup>th</sup> Revised Sheet No. 1-1

P.U.C.O. NO. 19

TABLE OF CONTENTS

Schedule		Sheet No(s)	Effective Date
	Table of Contents	1-1 thru 1-2	Cycle 1 January 2011
	List of Communities Served	2-1 thru 2-7	Cycle 1 April 2009
	Terms and Conditions of Service	3-1 thru 3-19	December 9, 2009
	Applicable Riders	4-1	
	Minimum Requirements for Distribution System Interconnection	6-1 thru 6-5	Cycle 1 April 2009
RS	Residential Service	10-1 thru 10-3	January 8, 2010
RS-ES	Residential Energy Storage	11-1 thru 11-3	January 8, 2010
RS-TOD	Residential Time-of-Day	12-1 thru 12-2	January 8, 2010
RDMS	Residential Demand Metered Service	13-1 thru 13-3	January 8, 2010
GS-1	General Service – Non-Demand Metered	20-1 thru 20-3	January 8, 2010
GS-2	General Service - Low Load Factor	21-1 thru 21-6	January 8, 2010
GS-TOD	General Service – Time-of-Day	22-1 thru 22-2	January 8, 2010
GS-3	General Service – Medium/High Load Factor	23-1 thru 23-5	January 8, 2010
GS-4	General Service – Large	24-1 thru 24-4	January 8, 2010
IRP-D	Interruptible Power – Discretionary	25-1 thru 25-10	January 8, 2010
COGEN/SPP	Cogeneration and/or Small Power Production	26-1 thru 26-3	Cycle 1 April 2009
SBS	Standby Service	27-1 thru 27-9	January 8, 2010
NEMS	Net Energy Metering Service	28-1 thru 28-2	December 11, 2009
NEMS-H	Net Energy Metering Service - Hospitals	29-1 thru 29-2	December 11, 2009
OL	Outdoor Lighting	40-1 thru 40-4	January 8, 2010
SL	Street Lighting	41-1 thru 41-6	January 8, 2010
EHG	Electric Heating General	42-1 thru 42-2	January 8, 2010

(Continued on Sheet No. 1-2)

Filed pursuant to Order dated December 15, 2010 in Case No. 10-725-EL-USF

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Joseph Hamrock, President  
AEP Ohio

OHIO POWER COMPANY

10<sup>th</sup> Revised Sheet No. 1-2  
Cancels 9<sup>th</sup> Revised Sheet No. 1-2

P.U.C.O. NO. 19

TABLE OF CONTENTS

EHS	Electric Heating Schools	43-1 thru 43-2	January 8, 2010
SS	School Service	44-1 thru 44-2	January 8, 2010
PA	Pole Attachment	45-1 thru 45-2	Cycle 1 April 2009
	Universal Service Fund Rider	60-1	Cycle 1 January 2011
	Advanced Energy Fund Rider	61-1	Cycle 1 April 2009
	KWH Tax Rider	62-1	Cycle 1 April 2009
	Provider of Last Resort Charge Rider	69-1	Cycle 1 April 2009
	Electronic Transfer Rider	70-1	Cycle 1 April 2009
	Emergency Curtailable Service Rider	71-1 thru 71-3	Cycle 1 April 2009
	Energy Price Curtailable Service Rider	72-1 thru 72-4	Cycle 1 April 2009
	Transmission Cost Recovery Rider	75-1	Cycle 1 July 2010
	Fuel Adjustment Clause Rider	80-1	Cycle 1 September 2010
	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1	Cycle 1 June 2010
	Economic Development Cost Recovery Rider	82-1	Cycle 1 October 2010
	Enhanced Service Reliability Rider	83-1	Cycle 1 September 2010
	gridSMART Rider	84-1	
	Environmental Investment Carrying Cost Rider	85-1	Cycle 1 September 2010
	Standard Offer Generation Service Rider	88-1	
	Distribution Investment Rider	89-1	
	Emergency Electrical Procedures	90-1 thru 90-9	Cycle 1 April 2009
	Generation Resource Rider	91-1	
	Alternative Energy Rider	92-1	
	Phase-In Recovery Rider	93-1	
	Market Transition Rider	94-1	
	Generation NERC Compliance Cost Recovery Rider	95-1	
	Facility Closure Cost Recovery Rider	96-1	
	Carbon Capture and Sequestration Rider	97-1	
	Green Power Portfolio Rider	98-1 thru 98-2	
	Rate Security Rider	99-1 thru 99-2	

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Joseph Hamrock, President  
AEP Ohio

OHIO POWER COMPANY

Original Sheet No. 2-1

P.U.C.O. NO. 19

LIST OF COMMUNITIES SERVED

COMMUNITY	COMMUNITY	COMMUNITY
Ada	Barnhill	Breman
Adams Mills	Barrs Mills	Briceton
Adamsville	Barton	Bridgeport
Adena	Bascom	Bridgeville
Adrian	Batesville	Brilliant
Alexandria	Battlesburg	Brinkhaven (Gann)
Alger	Beard City	Bristol
Alikanna	Beaver	Broadacre
Allentown (Allen County)	Beaverdam	Brokaw
Allentown (Scioto County)	Bellaire	Broken Sword
Alliance	Belle Valley	Bronze Heights (Noble County)
Alvada	Belville	Brookside
Amesville	Belmont	Broughton
Amesden	Belmore	Buckeye Lake
Amsterdam	Benton	Buckeyeville
Annapolis	Benton Ridge	Buckingham
Antwerp	Bergholz	Buckland
Apex	Berlin	Bucyrus
Apple Creek	Berwick	Buena Vista
Appleton	Bethesda	Buffalo
Arcadia	Bettsville	Bunker Hill
Arlington	Big Island	Burgoon
Arthur	Big Praire	Burlington
Ashland	Bladensburg	Byesville
Ashley	Blaine	Cadiz
Athalia	Blanchard	Cairo
Attica	Bloomdale	Calais
Ava	Bloomfield	Calcutta
Avondale (Licking County)	Bloomingdale	Caldwell
Avondale (Stark County)	Bloomville	Cambridge
Avondale (Muskingum County)	Blue Creek	Canal Lewisville
Baertown	Blue Rock	Cannon Mills
Bailey Lakes	Bluffton	Canton
Bairdstown	Bolivar	Cardington
Ballville	Boston	Carey
Baltic	Bowerston	Caroline
Baltimore	Bowling Green	Carroll
Bangs	Bradley	Carrollton
Bannock	Bradrick	Carrothers
Barnesville	Brandon	Cavette

(Continued on Sheet No. 2-2)

Filed pursuant to Orders dated March 18 and March 30, 2009 in Case No. 08-918-EL-SSO

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Issued by  
Joseph Hamrock, President  
AEP Ohio

OHIO POWER COMPANY

Original Sheet No. 2-2

P.U.C.O. NO. 19

LIST OF COMMUNITIES SERVED

COMMUNITY	COMMUNITY	COMMUNITY
Cecil	Cumberland	East Union (Wayne County)
Celeryville	Custar	Ohio/West Virginia
Centerburg	Cygnat	Echo
Chaifant	Dalton	Edenville
Cham	Danville	Edgerton
Chatfield	Deavertown	Egbert Stop
Chesapeake	Decatur	Eldon
Cheshire	Deering	Elgin
Chesterhill	Deersville	Elida
Chesterville	Defiance	Elliott
Clarinton	Dekalb	Emerson
Clarkstown	Delaware	Empire
Cloverdale	Delaware Bend	Enterprise (Meigs County)
Cloverhill	Dellroy	Enterprise (Hocking County)
Coal Grove	Delphos	Etna
Coal Ridge	Dennison	Fairfield
Colerain	Derwent	Fairfield Beach
Coles Park	Deshler	Fairhope
Columbia	Dexter	Fairpoint
Central Ohio Grove	Deyarmonville	Fairview
Conesville	Dilles Bottom	Findlay
Congo	Dillonvale	Fletcher
Connorville	Dola	Florence (Noble County)
Connotton	Dover	Florence (Belmont County)
Continental	Drakes	Flushing
Converse	Dresden	Forest
Convoy	Dull	Fort Jennings
Corning	Dun Glen	Fort Seneca
Coryville	Duncan Falls	Fort Shawnee
Coshocton	Dundee	Fostoria
Costonia	Dunkirk	Franklin Furnace
Cove	Dupont	Frazesburg
Crabapple	Durant	Fredericksburg
Craigton	Eagleport	Fredericktown (Carroll County)
Crescent	East Canton	Fredericktown (Knox County)
Crestline	East Fultonham	Freeport
Cridersville	East Liverpool	Fremont
Cromers	East Richland	Fresno
Crooksville	East Sparta	Friendship
Crown City	East Springfield	Fulton

(Continued on Sheet No. 2-3)

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AEP Ohio



OHIO POWER COMPANY

Original Sheet No. 2-3

P.U.C.O. NO. 19

LIST OF COMMUNITIES SERVED

COMMUNITY	COMMUNITY	COMMUNITY
Fultonham	Hammondsville	Ink
Funk (Wayne County)	Hanging Rock	Irondale
Galatea (Wood County)	Hanover	Ironspot
Galion	Hanoverton	Ironton
Gambier	Harbor Hills	Isleta
Garden City	Harlem Springs	Jackson (Oak Hill)
Georges Run	Harpster	Jacksontown
Germano	Harrisburg	Jacobsburg
Getaway	Harrisville	Jefferson
Gilboa	Harrod	Jelloway
Glade	Harryette	Jenera
Glandorf	Hartsburg	Jeromesville
Glasgow	Hartville	Jerry City
Glass Rock	Hatfield	Jerusalem
Glen Robbins	Havens	Jewett
Glenco	Haverhill	Johnstown
Glenford	Haviland	Jonestown
Glemont	Heath	Junction City
Glenmoor	Hebron	Junction
Glouster	Hecia	Kalida
Gnadenhutten	Hemlock	Kansas
Gomer	Hendrysburg	Keene
Gore	Hepburn	Kempton
Goshen	Hibbetts	Kenova
Goulds	Hicksville	Kensington
Grant	Hillcrest	Kenton
Granville	Hillgrove	Kenwood
Gratiot	Hills and Dales	Key
Greendale	Hintsville	Kidron
Greenfield	Holloway	Kilgore
Greensprings	Holmesville	Killbuck
Greenville	Homer	Kimbolton
Greenwich	Hooksburg	Kipling
Greer	Hopedale	Kirby
Grove Hill	Hopewell	Kirkersville
Guerne	Houcktown	Kitts Hill
Guernsey	Howard	Knoxville
Hackney	Hoytville	Kossuth
Hamler	Hume	Kylesburg
Hammansburg	Iberia	Lafferty

(Continued on Sheet No. 2-4)

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Joseph Hamrock, President  
AEP Ohio

OHIO POWER COMPANY

Original Sheet No. 2-4

P.U.C.O. NO. 19

LIST OF COMMUNITIES SERVED

COMMUNITY	COMMUNITY	COMMUNITY
Lake Cable	Mansfield	Miller
Lake O'Springs	Mantua	Millersburg
Lakeville	Maple Grove	Millersport
Lamira	Maple Heights	Millport
Lancaster	Mapleton	Millwood
Landeck	Marengo	Mineral City
Langsville	Marietta	Minersville
Lansing	Marion	Minerva
Larue	Mark Center	Minford
Latty	Marne	Mingo Junction
Laurel Cliff	Marseilles	Mononue
Leavittsville	Marshallville	Monoue
Leesville (Carroll County)	Martel	Monticello
Leesville (Crawford County)	Martins Ferry	Moorefield
Leipsic	Martinsburg	Moreland
Lemert	Massillon	Morganville
Lewisville	Maynard	Morral
Lexington	McClainsville	Morristown
Licking View	McComb	Mortimer
Liebs Island	McConnelsville	Moulton
Lightsville	McCuneville	Mt. Blanchard
Lima	McCutchenville	Mt. Cory
Lindentree	McDermot	Mt. Eaton
Lisbon	McGuffey	Mt. Gilead
Little Sandusky	McLuney	Mt. Hope
Lloydsville	McZena (Ashland County)	Mt. Liberty
Lock	Mechanicstown	Mt. Perry
Lock Seventeen	Meeker	Mt. Pleasant
Logan	Melmore	Mt. Sterling
Londonderry	Melrose	Mt. Vernon
Lore City	Mendon	Mt. Victory
Loudon	Mermill	Moxahala
Loudonville	Mexico	Nashport
Louisville	Middlebranch	Nashville
Lovell	Middlebury	National Road
Lucasville	Middlepoint	Navarre
Lykens	Middleport	Neeleysville
Magnolia	Midvale	Neffs
Malta	Midway	Negley
Malvern	Millbrook	Nellie

(Continued on Sheet No. 2-5)

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AEP Ohio

OHIO POWER COMPANY

Original Sheet No. 2-5

P.U.C.O. NO. 19

LIST OF COMMUNITIES SERVED

COMMUNITY	COMMUNITY	COMMUNITY
Nelsonville	Nova	Port Homer
Nevada	Oak Hill	Port Washington
New Alexandria	Oakfield	Portage
New Athens	Oakwood	Portersville
New Bedford	Oceola	Portsmouth
New Boston	Oco	Powellsville
New Castle	Ohio City	Powhatan Point
New Concord	Old Fort	Proctorville
New Cumberland	Old Washington	Prospect
New Hagerstown	Oneida	Provident
New Harrisburg	Oregon	Quaker City
New Haven	Oreville	Quincy
New Lafferty	Orient	Racine
New Lexington	Orrville	Radnor
New Lima	Otsego	Ragersville
New London	Ottawa	Ramsey
New Philadelphia	Ottoville	Rawson
New Pittsburg	Outville	Rayland
New Riegel	Pandora	Redfield
New Rumley	Paris	Redtown
New Salem	Parlett	Reedsburg
New Somerset	Parral	Rehobeth
New Stark	Pataskala	Reinersville
New Straitsville	Patterson	Rendville
New Washington	Paulding	Republic
New Weston	Payne	Reynoldsburg
New Winchester	Pedro	Riceland
Newark	Pekin	Richmond
Newcomerstown	Pennsville	Ridgeton
Newport	Philo	Ridgeway
Newtown	Piedmont	Rimer
North Baltimore	Piketon	Ringold
North Canton	Piney Fork	Risingsun
North Industry	Plainfield	Rittman
North Kenova	Pleasant City	Riverview (Muskingum County)
North Mt. Vernon	Pleasant Grove	Riverview (Belmont County)
North Robinson	Pleasantville	Roanoke
North Salem	Plymouth	Robertsville
Norton	Pomeroy	Robyville
Norwich	Port Clinton	Rock Camp

(Continued on Sheet No. 2-6)

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Joseph Hamrock, President  
AEP Ohio

OHIO POWER COMPANY

Original Sheet No. 2-6

P.U.C.O. NO. 19

## LIST OF COMMUNITIES SERVED

COMMUNITY	COMMUNITY	COMMUNITY
Rockbridge	Sherwood	Sugargrove
Rokeyby Lock	Shiloh	Sulphur Springs
Rome	Short Creek	Summerfield
Rose Farm	Shreve	Summerland Beach
Rosemount	Siam	Summitville
Roseville	Slocum	Sybene
Rosburg	Smithfield	Sycamore
Rosseau	Smithville	Sylvania
Roswell	Smyrna	Syracuse
Roxbury	Somerdale	Tacoma
Rubyville	Somerset	Tappan
Rudolph	Sonora	Thomport
Rush Run	South Acres (Noble County)	Thornville
Rushville	South Mt. Vernon	Thurston
Russells Point	South Point	Tiffin
Rutland	South Webster	Tiltonsville
Salem Center	South Woodbury	Tippecanoe
Salesville	South Zanesville	Tiro
Salineville	Sparta	Toboso
Saltillo	Speidel	Todds
Sandyville	Spencerville	Toronto
Santoy	Springville	Triadelphia
Sarahsville	St. Clairsville	Trinway
Savannah	St. Joe	Tuscarawas
Sayre	St. Louisville	Tyndall
Schneiders Crossing	St. Marys	Uhrichsville
Schoenbrunn	Steinersville	Union City
Scio	Sterling	Unionport
Sciotodale	Steubenville	Uniontown
Sciotoville	Stewartsville	Unionvale
Scott	Stillwater	Upland Heights
Scotts Crossing	Stockdale	Upper Sandusky
Seneca	Stockport	Utica
Senecaville	Stone Creek	Van Buren
Sewellville	Stout	Van Wert
Shadyside	Strasburg	Vanatta
Shawnee	Stratton	Vanlue
Shelby	Sugar Grove (Fairfield County)	Vaughnsville
Sheridan	Sugar Grove (Scioto County)	Venedocia
Sherrodsville	Sugarcreek	Vernon

(Continued on Sheet No. 2-7)

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AEP Ohio

OHIO POWER COMPANY

Original Sheet No. 2-7

P.U.C.O. NO. 19

LIST OF COMMUNITIES SERVED

COMMUNITY	COMMUNITY	COMMUNITY
Vickery	Winchester	
Vinton	Winding Hill	
Waco	Winfield	
Wagram	Wingston (Wood County)	
Wainwright	Wintersville	
Wakefield	Wolf Run	
Waldo	Wolf Station	
Walhonding	Wolfhurst	
Walnut Creek	Woodburn	
Wapakoneta	Woodsfield	
Warrenton	Wooster	
Warsaw	Worstville	
Waterford	Wren	
Waverly	York	
Waynesburg	Yorkville	
Waynesfield	Zanesville	
Weems	Zoar	
Weilersville	Zoarville	
Wellsville		
West Lafayette		
West Lebanon		
West Leipsic		
West Liberty		
West Point		
West Portsmouth		
West Rushville		
West Salem		
West Wheeling		
Westminster		
Weston		
Wharton		
Wheelersburg		
White Cottage		
Wilkesville		
Willard		
Williamstown		
Willow Grove		
Wills Creek		
Willshire		
Wilmot		

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Joseph Hamrock, President  
AEP Ohio

OHIO POWER COMPANY

1<sup>st</sup> Revised Sheet No. 3-1  
Cancels Original Sheet No. 3-1

P.U.C.O. NO. 19

TERMS AND CONDITIONS OF SERVICE

1. CONTENTS

Paragraph	Section	Sheet No.
2.	Application for Service	3-1
16.	Billing Corrections	3-13
5.	Change of Address by Customer	3-4
10.	Company's Liability	3-7
11.	Customer's Liability	3-8
18.	Denial or Discontinuance of Service	3-14
3.	Deposits	3-2
21.	Extension of Local Facilities	3-16
6.	Inspection	3-4
19.	Interval Metering Installations	3-15
13.	Location and Maintenance of Company's Equipment	3-11
15.	Meter Registration and Testing	3-12
8.	Nominal Voltage Levels	3-6
4.	Payments	3-2
20.	Pre-Enrollment Customer Information	3-16
17.	Residential Service	3-13
7.	Service Connection	3-5
12.	Temporary Service	3-10
14.	Use of Energy by Customer	3-11
9.	Work Performed on Company's Facilities at Customer's Request	3-6

2. APPLICATION FOR SERVICE

These Terms and Conditions of Service apply to service under the Company's schedules which provide for generation, transmission and distribution service. Customers requesting only distribution service from the Company, irrespective of the voltage level at which service is taken, as provided for in Section 4928.40(E), Ohio Revised Code, shall be served under the Company's open access distribution schedules and the Terms and Conditions of Open Access Distribution Service shall apply.

A copy of these Terms and Conditions of Service and the schedules applicable to the customer's class of business will be furnished upon request and the customer shall elect upon which applicable schedule the customer desires to be served.

Before the Company shall be required to furnish service, the Company may request that a customer submit written specifications of electrical apparatus to be operated by service, and to furnish the Company a detailed sketch giving the location of the customer's facilities. Such requests will be limited to specific instances where such information significantly assists the Company in designing and sizing its local facilities.

(Continued on Sheet No. 3-2)

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Joseph Hamrock, President  
AEP Ohio

## P.U.C.O. NO. 19

## TERMS AND CONDITIONS OF SERVICE

Written agreements will be required, before service will be commenced, from each customer with annual average demand greater than 500 KW. A written agreement may be required by the Company for a customer whose annual average demand does not exceed 500 KW that has unusual or special service characteristics. If the customer refuses to sign a written agreement, an agreement will still be effective as if the customer had signed and said customer will be charged under the appropriate schedule. A copy of the written agreement, contained on a form provided by the Company, will be furnished to the customer upon request at any time during the term of the agreement.

When the customer desires delivery of energy at more than one point, each delivery point will be billed separately under a schedule applicable to the customer's class of business at such point. Separate written agreements, if required under the above paragraph, will be made for each point of delivery.

**3. DEPOSITS**

Security for the payment of bills will be governed, as specified in Chapter 4901:1-10-14 of the Ohio Administrative Code, which is herein incorporated by reference as it is from time to time amended.

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.

The Company will pay interest on deposits so made in accordance with legal requirements. The Company will not pay interest on deposits more than one month after discontinuance of service to the customer. Retention by the Company, prior to final settlement, of any deposit or guarantee is not a payment or part payment of any bill for service. The Company shall have a reasonable time in which to read and remove the meters and to ascertain that the obligations of the customer have been fully performed before being required to return any deposit.

**4. PAYMENTS**

Bills will be rendered by the Company to the customer monthly in accordance with the schedule selected applicable to the customer's service with the following exception:

(Continued on Sheet No. 3-3)

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## P.U.C.O. NO. 19

## TERMS AND CONDITIONS OF SERVICE

Year-round residential and not-for-profit General Service Schedule customers shall have the option of paying bills under the Company's equal payment plan (Budget Plan), whereby the total service for the succeeding 12-month period is estimated in advance, and bills are rendered monthly on the basis of one-twelfth of the 12-month estimate. The Company may at any time during the 12-month period adjust the estimate so made, and the bills rendered in accordance with such estimate, to conform more nearly with the actual use of service being experienced. The normal equal payment period will be 12 months, commencing in any month selected by the Company, but in those cases where billing is commenced during a month which leaves less than 12 months until the beginning of the next normal equal payment period to which the customer is assigned, payments shall be calculated on the basis of the months in such period.

In case the actual service used during any equal payment period exceeds the bills as rendered on the equal payment plan, the amount of such excess shall be paid on or before the due date of the bill covering the last month of the equal payment period in which such excess appears, or such excess may be added to the estimated use of the next normal equal payment period of 12 months, and shall be payable in equal payments over such period, except that if the customer discontinues service with the Company under the equal payment plan, any such excess not yet paid shall become payable immediately. In case the actual service used during the equal payment period is less than the amount paid under the equal payment plan during such period, the amount of such overpayment shall, at the option of the Company, either be refunded to the customer or credited on the customer's last bill for the period.

If a customer fails to pay bills as rendered on the equal payment plan, the Company shall have the right to withdraw the plan with respect to such customer and to restore the customer to billing as provided for in the applicable schedules, in addition to any other rights which the Company may have under such schedules and terms and conditions of service in case of arrearage in payment of bills.

All bills from the Company are due and payable by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within the time limits specified in the schedule. For the purpose of this Section, the United States Postal Service is not an authorized payment agent, and payments received through the Postal Service are considered paid when received at the Company's business offices. Failure to receive bill will not entitle customer to any discount or to the remission of any charge for nonpayment within the time specified. For purposes of this Section, the word "month" as used herein and in the schedules is hereby defined to be the elapsed time between two successive meter readings approximately 30 days apart.

A customer shall be charged \$10.00 for any dishonored check received in payment for a bill rendered by the Company, unless the customer shows that the bank was in error.

(Continued on Sheet No. 3-4)

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P.U.C.O. NO. 19

TERMS AND CONDITIONS OF SERVICE

5. CHANGE OF ADDRESS BY CUSTOMER

It is 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.

When the Company receives notice from an existing customer that the service is to be discontinued, or from a prospective customer that an existing service is to be transferred into the prospective customer's name, the Company will, within three regular Company working days, determine the meter reading for the final bill to the existing customer. The existing customer will be responsible for all service supplied to the premises until such meter reading and discontinuance or transfer is made. Transfer of service to a qualified prospective customer will not be delayed or denied because of nonpayment of the final bill by the former customer, unless the former customer continues to be a consumer of electric service at that premise.

6. INSPECTION

It is to the interest of the customer to properly install and maintain the customer's wiring and electrical equipment and the customer shall at all times be responsible for the character and condition thereof. It is the customer's responsibility to assure that all inside wiring is grounded and is otherwise in accordance with the requirements of the National Electric Code. The Company makes no inspection thereof and in no event shall be responsible therefor.

Where a customer's premises are located in a municipality or other governmental subdivision where inspection laws or ordinances are in effect, the Company may withhold furnishing service to new installations until it has received evidence that the inspection laws or ordinances have been complied with. In addition, if such municipality or other governmental subdivision shall determine that such inspection laws or ordinances are no longer being complied with in respect to an existing installation, the Company may suspend the furnishing of service thereto until it has received evidence of compliance with such laws or ordinances. The Company may disconnect electric service to a premise where unsafe conditions exist.

Where the customer's premises are located outside of an area where inspection service is in effect, the Company may require the delivery by the customer to the Company of an agreement duly signed by the owner and tenant of the premises authorizing the connection to the wiring system of the customer and assuming responsibility therefor.

No responsibility shall attach to the Company because of any waiver of these requirements.

(Continued on Sheet No. 3-5)

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## P.U.C.O. NO. 19

## TERMS AND CONDITIONS OF SERVICE

## 7. SERVICE CONNECTION

The Company will, when requested to furnish service, designate the location of its service connection. The customer's wiring must, except for those cases listed below, be brought out of the building in an approved manner from the main service disconnect to outside the building wall nearest the Company's service wires so as to be readily accessible thereto. The point of service drop attachment shall be as high as the construction of the building will permit, but not more than twenty-five (25) feet nor less than twelve (12) feet from the ground (see National Electric Code for vertical clearance requirements of service drop conductors) and shall be located at a point convenient to the Company's lines for making connections thereto, and each of the service wires shall extend at least eighteen (18) inches from the weatherhead on the end of the conduit or cable for making service connections. Service entrance equipment shall be properly grounded and shall be installed so that the disconnecting means is readily accessible. Where customers install service entrance facilities which have capacity and layout specified by the Company and/or install and use certain utilization equipment specified by the Company, the Company may provide or offer to own certain facilities on the customer's side of the point where the service wires attach to the building.

In areas served by an overhead distribution system, an overhead service shall be provided by the Company from the Company's distribution system extending one span (approximately 100 feet) toward the customer's facilities. When a customer desires that energy be delivered at a point or in a manner other than that designated by the Company, the customer shall pay the additional cost of same. Rights-of-way or easements necessary for the installation of said service (including private railway wire crossings permits) shall be provided by the customer.

A nonresidential customer desiring an underground service shall, at the customer's expense, install and maintain the necessary service wires, duct work, manholes, vaults and connection boxes in an approved manner from the main entrance switch in the building to a service point designated by the Company, from which connection is to be made. Such underground service will be designed and installed as a continuous run of conductors which shall conform to Company specifications.

Conduit and wires and any equipment, installation and appurtenances furnished, installed and maintained by the customer must conform to the National Electrical Code, as well as applicable governmental requirements.

The Company shall not be required to make any inspection of the wiring, safety switch or other equipment, installation or appurtenances installed and owned by the customer. Any inspection thereof which the Company may make shall be voluntary on its part and for its benefit only, and shall not in any way relieve the customer of any obligations in that respect.

(Continued on Sheet No. 3-6)

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P.U.C.O. NO. 19

TERMS AND CONDITIONS OF SERVICE

8. NOMINAL VOLTAGE LEVELS

The Company has established the following nominal service voltages of which at least one of the following characteristics shall be made available to a customer, the particular voltage and service characteristics to be at the option of the Company:

Secondary Distribution System - Alternating current, 60 cycles at nominal voltages of 120, 120/208, 120/240, or 240/480 volts, single phase; and 120/208, 120/240, 240, 240/480, 277/480 and 480 volts, 3 phase.

Primary Distribution System - Alternating current, 60 cycles at nominal voltages of 12,470, and 34,500 volts, 3 phase.

Subtransmission - Alternating current, 60 cycles, 3 phase at nominal, unregulated voltage of 23,000, 34,500 and 69,000 volts.

Transmission - Alternating current, 60 cycles, 3 phase at nominal, unregulated voltage of 138,000 volts.

The Company shall design and operate its system so that under normal operating conditions the voltage delivered at the customer's service entrance, for the voltages listed above, is maintained within the range of plus or minus 5% of the nominal voltage. Wherever voltages shall 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.

9. WORK PERFORMED ON COMPANY'S FACILITIES AT CUSTOMER'S REQUEST

Whenever, at the request of a customer and solely to suit the convenience of the customer, work is performed on the Company's facilities or the Company's facilities are relocated, the customer shall pay to the Company, in advance, the estimated total cost of such work. This cost shall be itemized by major categories and shall include the Company's standard overheads and be credited with the net value of any salvageable material. The actual costs for the work performed will be determined after its completion and the appropriate additional charge or refund will be made to the customer.

(Continued on Sheet No. 3-7)

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## P.U.C.O. NO. 19

## TERMS AND CONDITIONS OF SERVICE

## 10. COMPANY'S LIABILITY

The Company will use reasonable diligence in furnishing a regular and uninterrupted supply of energy but does not guarantee uninterrupted service. The Company shall not be liable for damages in case such supply should be interrupted or fail by reason of an act of God, the public enemy, accidents, labor disputes, orders or acts of civil or military authority, breakdowns or injury to the machinery, transmission lines, distribution lines or other facilities of the Company, extraordinary repairs, or any act of the Company, including the interruption of service to any customer, taken to prevent or limit the extent or duration of interruption, instability or disturbance on the electric system of the Company or any electric system interconnected, directly or indirectly, with the Company's system, whenever such act is necessary or indicated in the sole judgment of the Company.

Unless otherwise provided in a contract between the Company and customer, the point at which service is delivered by the Company to the customer, to be known as "delivery point", shall be the point at which the customer's facilities are connected to the Company's facilities. The Company shall not be liable for any loss, injury, or damage resulting from the customer's use of the customer's equipment or occasioned by the energy furnished by the Company beyond the delivery point.

The customer shall provide and maintain suitable protective devices on the customer's equipment to prevent any loss, injury, or damage that might result from single phasing conditions or any other fluctuation or irregularity in the supply of energy. The Company shall not be liable for any loss, injury, or damage resulting from a single phasing condition or any other fluctuation or irregularity in the supply of energy which could have been prevented by the use of such protective devices.

Except as otherwise provided in this Section, the Company shall be liable to the customer for damage directly resulting from interruptions, irregularities, delays, or failures of electric service, caused by the negligence of the Company or its employees or agents, but any such liability shall not exceed the cost of repairing or replacing equipment, appliances, and perishable food stored in a customer's residence damaged as a direct result of such negligence. The customer must notify the Company of any claim based on such negligence within thirty days after the interruption, irregularity, delay or failure begins. The Company shall not be liable for consequential damages of any kind. This limitation shall not relieve the Company from liability which might otherwise be imposed by law with respect to any claims for personal injuries to the customer.

The Company will provide and maintain the necessary line or service connections, transformers (when same are required by conditions of contract between the parties thereto), meters and other apparatus which may be required for the proper measurement of and protection to its service. All such apparatus shall be and remain the property of the Company and the Company shall be granted ready access to the same, except to read inside meters. Such access to inside meters shall be granted upon reasonable request to residential customers during regular business hours.

(Continued on Sheet No. 3-8)

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Joseph Hamrock, President  
AEP Ohio

## P.U.C.O. NO. 19

## TERMS AND CONDITIONS OF SERVICE

Approval of the above schedule language by the Commission does not constitute a determination by the Commission that the limitation of liability imposed by the Company should be upheld in a court of law. Approval by the Commission merely recognizes that since it is a court's responsibility to adjudicate negligence and consequent damage claims, it is also the court's responsibility to determine the validity of the exculpatory clause.

## 11. CUSTOMER'S LIABILITY

In the event the customer is unable to receive electric energy in the full amount contemplated by the customer's regular service arrangements for a period in excess of fifteen full days as a result of fire, explosion, flood, accident, breakdown or acts of God or the public enemy, said customer shall not be liable to the Company for minimum demand or billing charges for which the customer normally would be liable pursuant to the schedule and/or contract during the period of service decrease of electricity usage, provided:

- A. The customer notifies the Company in writing of the customer's inability to receive service as a result of one or more of the above specified event(s); and
- B. Said notice includes (in addition to any other pertinent information):
  - (1) Extent (or magnitude) of the service decrease
  - (2) Date of the event
  - (3) Cause of the event
  - (4) Probable duration of the service decrease; and
- C. The customer is prompt and diligent in removing the cause of the service decrease; and
- D. The customer submits a report to the Company at least every thirty days following the event explaining the customer's progress toward removing cause of the service decrease; and
- E. The customer pays, pursuant to the customer's schedule and/or contract, for all service rendered prior to the service decrease.

In no event however shall this provision affect minimum demand or billing charges in any billing period to the date on which the Company receives the customer notice required above unless that notice is received within fifteen days of the above specified events.

(Continued on Sheet No. 3-9)

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## P.U.C.O. NO. 19

## TERMS AND CONDITIONS OF SERVICE

During the period that the terms of this provision shall be in effect, the customer shall pay for all service received, the charges for such service being determined pursuant to the schedule under which customer had been served prior to the event except for the minimum demand or billing charges which were waived as a consequence of this provision. Under no circumstance shall the waiver of the minimum demand or billing charges extend beyond the time the cause of the service decrease has been removed. On the date that the cause of the service decreases has been removed, billing shall resume pursuant to the customer's schedule and/or contract.

Any contract, which has been affected by the application of this provision, shall have its term extended for a period of time equal in length to the duration of service decrease.

If the event causing the service decrease is of such severity that the customer decides not to continue in business at the affected location, and so notifies the Company in writing, the above provision will not be applied. Under such circumstances the customer will pay to the Company (1) a sum equal to the value of the Company's estimated original plant in service including the cost of the transmission lines and other equipment erected or reserved specifically for that customer's use, less accumulated depreciation and less the net salvage value of that equipment, or (2) any remaining demand or minimum bill charges due under the contract or any extension thereof resulting from application of this provision.

In the event of loss or injury to the property of the Company through misuse by, or the negligence of, the customer or the employees of same, the cost of the necessary repairs or replacement thereof shall be paid to the Company by the customer.

Customers will be responsible for tampering with, interfering with, or breaking of seals of meters, or other equipment of the Company installed on the customer's premises. The customer hereby agrees that no one except the employees of the Company shall be allowed to make any internal or external adjustments of any meter or any other piece of apparatus which shall be the property of the Company.

At the request of any customer served on a schedule containing a separate demand charge, the Company shall provide a demand signal to the customer. The customer shall pay to the Company the cost for providing the signal. The Company shall not be liable for a loss of signal, and in such event the customer shall pay for the demand and energy as actually metered by the Company.

The Company shall have the right during regular working hours and in emergencies to enter the premises of the customer for the purpose of installing, reading, removing, testing, replacing, or otherwise disposing of its apparatus and property, and the right of entire removal of the Company's property in the event of the termination of the contract for any cause. The customer will keep the area where the Company's apparatus and property are located free from obstruction, danger and/or safety hazards. The Company's agent will, upon request, show credentials and state the reasons for requiring access.

(Continued on Sheet No. 3-10)

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## P.U.C.O. NO. 19

## TERMS AND CONDITIONS OF SERVICE

## 12. TEMPORARY SERVICE

The Company will supply temporary service when it has available unsold capacity in its lines, transformers and generating equipment. Customers who have seasonal operations at permanent locations, or who have other sources of energy supply and desire service for standby or breakdown purposes, must contract for permanent service under a schedule applicable to the customer's class of business and will be subject to the terms of that schedule including the minimum bill and term of contract provisions.

The customer will purchase temporary service under any schedule applicable to the customer's class of business and will, in addition, pay to the Company, in advance, the Company's estimated total cost of installing and removing its facilities necessary for the temporary service. The total cost will include all material, labor and overheads, with appropriate credits being given for salvageable material and for facilities to be used in subsequent permanent service. Charges for the following categories of temporary service are fixed as follows:

	Distribution
Service requiring only reading-in and reading-out an existing meter	\$23.50
Single-phase 120/140 volt service from permanent source, up to 100 Ampere Capacity	\$204.00

The Company shall not be required to construct general distribution lines underground unless the cost of such special construction for general distribution lines and/or the cost of any change of existing overhead general distribution lines to underground which is required or specified by a municipality or other public authority (to the extent that such cost exceeds the cost of construction of the Company's standard facilities) shall be paid for by that municipality or public authority. The "cost of any change" as used herein, shall be the cost to the Company of such change. The "cost of special construction" as used herein, shall be the actual cost to the Company in excess of the cost of standard construction. When a charge is to be based on the excess cost, the Company and municipality or other public authority shall negotiate the amount thereof.

Temporary service supplied for a period less than one (1) full month will be billed on the basis of a full month's schedule billing, including the minimum charge if applicable.

(Continued on Sheet No. 3-11)

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OHIO POWER COMPANY

1<sup>st</sup> Revised Sheet No. 3-11  
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P.U.C.O. NO. 19

TERMS AND CONDITIONS OF SERVICE

13. LOCATION AND MAINTENANCE OF COMPANY'S EQUIPMENT

As required to provide electric service to a customer, the Company shall have the right to construct and maintain its poles, lines, circuits and other necessary facilities on the customer's property, and to place its transformers and other apparatus on the property or within the buildings of the customer, at a point or points mutually acceptable to the Company and the customer for such purpose. The customer shall provide suitable space and access to same, for the installation and maintenance of necessary measuring instruments and other facilities, so that they may be protected from injury by the elements or through the negligence or deliberate acts of the customer or of any employee of the same, or any other party.

14. USE OF ENERGY BY CUSTOMER

The schedules for electric energy given herein are classified by the character of use of such energy and are not available for service except as provided therein.

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.

A customer may not change from one schedule to another during the term of contract except with the consent of the Company.

The service connections, transformers, meters and appliances supplied by the Company for each customer have a definite capacity and no additions to the equipment, or load connected thereto, will be allowed except by consent of the Company.

The customer shall install only motors, apparatus, or appliances which are suitable for operation with the character of the service supplied by the Company, and which shall not be detrimental to same, and the electric power must not be used in such a manner as to cause unprovided for voltage fluctuations or disturbances in the Company's transmission or distribution system. The Company shall be the sole judge as to the suitability of apparatus or appliances, and also as to whether the operation of such apparatus or appliances is or will be detrimental to its general service.

No attachment of any kind whatsoever may be made to the Company's lines, poles, crossarms, structures, or other facilities without the express written consent of the Company.

(Continued on Sheet No. 3-12)

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1<sup>st</sup> Revised Sheet No. 3-12  
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P.U.C.O. NO. 19

TERMS AND CONDITIONS OF SERVICE

All apparatus used by the customer shall be of such type as to secure the highest practical commercial efficiency, power factor and the proper balancing of phases. Motors which are frequently started or motors arranged for automatic control, must be of a type to give maximum starting torque with minimum current flow, and must be of a type, and equipped with controlling devices, approved by the Company. The customer agrees to promptly notify the Company prior to any significant increase or decrease in the customer's connected load, which could impact the capacity requirements of the Company's local facilities.

The operation of certain electrical equipment can result in disturbances (e.g., voltage fluctuations, harmonics, etc.) on the Company's transmission and distribution systems which can adversely impact the operation of equipment for other customers. Nonresidential customers are expected to abide by industry standards, such as those contained in ANSI/IEEE 519 or the IEEE/GE voltage flicker criteria, when operating such equipment. In accordance with the Electric Service and Safety Standards, Chapter 4901:1-10-15 (D) of the Ohio Administrative Code, the Company may refuse or disconnect service to nonresidential customers for using electricity or equipment which adversely affects distribution service to other customers. Copies of the applicable criteria will be provided upon request.

The Company will not supply service to customers who have other sources of energy supply except under schedules which specifically provide for same. The term "other sources of energy supply" as used in these Terms and Conditions of Service or in any of the Company's schedules shall mean "other sources of electric energy supply" except where the Company provides service as standby or partial standby for a source of energy other than electric energy.

The customer shall not be permitted to operate the customer's own generating equipment in parallel with the Company's service except on written permission of the Company.

Resale of energy will be permitted only by legitimate electric public utilities subject to the jurisdiction of the Public Utilities Commission of Ohio and only by written consent of the Company. In addition, resale of energy will be permitted for electric service and related billing as they apply to the resale or redistribution of electrical service from a landlord to a tenant where the landlord is not operating as a public utility, and the landlord owns the property upon which such resale or redistribution takes place.

15. METER REGISTRATION AND TESTING

Any kilowatt-hour meter registering between 2% fast and 2% slow will be considered to be registering correctly. Any integrating block interval demand meter or thermal demand meter registering between 4% high and 4% low will be considered to be registering correctly.

(Continued on Sheet No. 3-13)

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OHIO POWER COMPANY

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P.U.C.O. NO. 19

### TERMS AND CONDITIONS OF SERVICE

The Company will, upon request of the customer, test any meter suspected of improper registration. For each subsequent test conducted within thirty-six months of the last previous test, if the meter is found to be registering correctly, the customer shall pay to the Company a \$59 fee for a single phase meter test and a \$73 fee for a three phase meter test. The customer shall be told the amount of such charge when the customer requests the meter test within such 36-month period. Such test, witnessed by the customer if so desired, will be conducted using a properly calibrated meter standard. Any meter found registering correctly will be resealed and the date and results of the test entered on the Company's records.

The Company will replace at its expense any meter registering incorrectly and make billing corrections in accordance with the following Section.

#### 16. BILLING CORRECTIONS

If the amount of energy consumed is not properly registered by a meter for any reason, or is not properly charged to the customer's account, the Company will, for the period of time that incorrect billings can be established, adjust the meter readings and billings to reflect all available information concerning the actual use by the customer. Any resulting overpayment will be paid or credited to the customer. Except as provided below, any underpayment, not to exceed the length of time of the underbilling, except at the Company's discretion, will be billed to the customer. The Company will, if the customer requests, attempt to arrange a reasonable payment schedule in the event of underpayment. Should the amount of the adjustment be under dispute, the Company will continue to supply service and the customer shall continue to pay the amounts billed until a final determination is made.

The Company's policy on backbilling for residential customers shall comply with the orders of the Commission and Section 4933.28 of the Ohio Revised Code, as amended from time to time.

#### 17. RESIDENTIAL SERVICE

Individual residences shall be served individually under a residential service schedule. The customer may not take service for two or more separate residences through a single meter under any schedule, irrespective of common ownership of the several residences, except that in the case of an apartment house with a number of individual apartments the landlord shall have the choice of providing separate wiring for each apartment so that the Company may supply each apartment separately under the residential schedule, or of purchasing the entire service through a single meter under the appropriate general service schedule.

(Continued on Sheet No. 3-14)

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## P.U.C.O. NO. 19

## TERMS AND CONDITIONS OF SERVICE

Where a single-family house is converted to include separate living quarters or dwelling units for more than one family, or where two or more families occupy a single-family house with separate cooking facilities, the owner may, instead of providing separate wiring for each dwelling unit, take service through a single meter under the residential service schedule. In such case, there will be a single customer charge, but the quantity of kilowatt-hours in each block will be multiplied by the number of dwelling units or families occupying the building.

The residential service schedule shall cease to apply to that portion of a residence which becomes primarily used for business, professional, institutional or gainful purposes. Under these circumstances, customer shall have the choice: (1) of separating the wiring so that the residential portion of the premises is served through a separate meter under the residential service schedule and the other uses as enumerated above are served through a separate meter or meters under the appropriate general service schedule; or (2) of taking the entire service under the appropriate general service schedule. Motors of 10 HP or less may be served under the appropriate residential service schedule. Larger motors may be served where, in the Company's sole judgment, the existing facilities of the Company are adequate.

Detached building or buildings, actually appurtenant to the residence, such as a garage, stable or barn, may be served by an extension of the customer's residence wiring through the residence meter provided no business activities are transacted in the detached buildings.

In the event a detached garage or other facility on a residential customer's property is separately served and metered, such facility shall accordingly be metered and billed according to the appropriate general service rate.

## 18. DENIAL OR DISCONTINUANCE OF SERVICE

The Company reserves the right to refuse any applicant for service if the applicant is indebted to the Company for any service theretofore rendered at any location, provided the Company shall advise applicant to such effect, and provided that indebtedness for one class of service shall not cause the refusal of service to a different class of service. The Company reserves the right to discontinue to serve any customer without notice in case of an emergency or to prevent theft from or fraud upon the Company. Subject to the further provisions for residential customers contained in Chapter 4901:1-18 of the Ohio Administrative Code which is herein incorporated by reference as it is from time to time amended, the Company also reserves the right after at least 5 days' notice in writing to discontinue to serve any customer (1) who is indebted to the Company for any service theretofore rendered at any location (on other than equal payment plan accounts having a credit balance), and provided that indebtedness for one class of service shall not cause the disconnection of service to a different class of service (2) for failure to provide and maintain adequate security for the payment of bills as requested by the Company, or (3) for failure to comply with these Terms and Conditions. Any discontinuance of service shall not terminate the contract between the Company and the customer nor shall it abrogate any minimum charge which may be effective.

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## P.U.C.O. NO. 19

## TERMS AND CONDITIONS OF SERVICE

When a Company employee is dispatched to a customer's premises for the purpose of performing collection activities due to the customer's delinquency, the customer will be charged \$18.00, the cost to the Company of having the employee at the customer's premises. A Company employee performing a disconnection is not authorized to make any extended payment arrangements with the customer, but will, in lieu of disconnection, accept payment of the delinquent amount plus \$18.00, the cost to the Company of having the employee at the customer's premises to perform the disconnection. The Company may, when in its judgment its employees would be subject to physical harm, require the payment to be by means other than cash. The collection trip charge will not be assessed more than once in any billing period.

If a customer has been disconnected, upon payment or proof of payment of the delinquent amount plus a reconnection fee as specified below, which represents the cost to the Company of disconnecting and reconnecting a customer during the Company's normal working hours, the Company will reconnect the electric service on this same day, if such payment or proof of payment is made at the Company's office by 12:30 p.m., and otherwise as soon as possible but not later than the close of the Company's next regular working day. When such payment is made after 12:30 p.m. and the Company's employees cannot reconnect the service prior to the end of their normal workday, and the customer prefers to be reconnected prior to the beginning of the next regular workday, the disconnection and reconnection charge payable prior to reconnection will be the overtime rate specified below, an amount which recognizes the Company's average additional cost of reconnecting a customer outside of normal working hours.

## Reconnection Service Charges:

	Regular	Overtime
Single Phase	\$36.00	\$ 92.00
All Other	\$90.00	\$145.00

## 19. INTERVAL METERING INSTALLATIONS

A customer may request an interval meter. The cost of any interval metering facilities installed by the Company as a result of such request shall be paid by the customer. The customer shall make a one-time payment for the metering facilities at the time of installation of the requested facilities, or, at the customer's option, up to 24 consecutive equal monthly payments reflecting an annual interest charge as determined by the Company, but not to exceed the cost of the Company's most recent issue of long-term debt. If the customer elects the installment payment option, the Company shall require an initial payment equal to 25% of the total cost of the metering facilities.

In addition, the customer shall pay a net charge to cover the incremental cost of operation and maintenance and meter data management associated with such interval metering as follows. Charges are for service performed on a Company installed standard interval meter.

(Continued on Sheet No. 3-16)

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OHIO POWER COMPANY

1<sup>st</sup> Revised Sheet No. 3-16  
Cancels Original Sheet No. 3-16

P.U.C.O. NO. 19

**TERMS AND CONDITIONS OF SERVICE**

Service Performed During Normal Business Hours	Charge (\$)
Connect phone line to meter at a time other than the initial interval meter installation	54.00
Perform manual meter reading	39.00
Check phone line and perform manual meter reading due to communication loss	44.00
Repair/replace surge protector	65.00
Repair/replace interval board	146.00
Repair/replace modem board	236.00
Repair/replace interval and modem boards	304.00

The customer may select a meter from the Company's approved equipment list. The customer may communicate with the meter for the purpose of obtaining usage data, subject to the Company's communication protocol. The customer is responsible for providing the telephone line for purposes of reading the meter.

**20. PRE-ENROLLMENT CUSTOMER INFORMATION LIST**

The Company will offer to CRES Providers the Pre-Enrollment Customer Information List with updates available quarterly throughout the Market Development Period. Customers have the option to remove all of their information (including name, address and historical usage data) from the Customer Information List. Customers may also reinstate their information to the Customer Information List. Customers will be notified of such options quarterly throughout the Market Development Period.

**21. EXTENSION OF LOCAL FACILITIES**

The Company shall construct suitable electric transmission and distribution facilities under this line extension policy to serve customer premises when the customer can not be served from existing electrical facilities.

Customers requesting new or expanded electric service shall submit detailed and complete information which may include but not be limited to switch size, requested delivery voltage, total estimated load, listing of connected loads, operating characteristics, site survey plans (showing other utilities or underground infrastructure) and first floor elevations before the Company can develop a plan of service and prepare a construction cost estimate.

The Company will determine the modifications to the Company's transmission and/or distribution facilities required to provide for a basic service plan to serve the customer's load. The Company will design, construct, own, operate and maintain the line extension and all other equipment installed to serve the customer's load up to the point of service for each customer.

(Continued on Sheet No. 3-17)

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## P.U.C.O. NO. 19

## TERMS AND CONDITIONS OF SERVICE

Upon receipt of the necessary information from the customer, the Company will comply with Chapter 4901:1-9-07 of the Ohio Administrative Code and exercise its best efforts to expedite the entire process for developing a service plan and preparing a cost estimate.

The Company shall have no obligation to extend, expand or rearrange its facilities if it determines that the existing facilities are adequate to serve the customer's electrical load.

Definitions Used in This Section

1. "Basic service plan" means the least cost line extension design using sound engineering practices which meet and/or exceed the National Electrical Safety Code and the Company's construction standards.
2. "Contribution in aid of construction or CIAC" means any amount of money or property contributed to the Company to the extent that the purpose of the contribution is to provide for line extensions for new or expanded customer loads.
3. "Cost estimate" means the detailed projected expenditure, including material costs and overhead, equipment costs and overhead, labor costs and overhead, and all taxes associated with each major material and service component, required for a line extension. It shall also separately identify any incremental costs associated with providing premium services. The Company may, for the purpose of standardization, establish standard construction cost estimates, for basic or premium service plans, which shall not exceed, in any event, the average cost of constructing such line extensions in the area involved, in which case the term "cost estimate" as used in this section will be understood to mean the standard estimate thus established.
4. "Line extension" means the provision of facilities (including, but not limited to, poles, fixtures, wires, and appurtenances) necessary for delivering electrical energy from the point of origin to one or more of the customer's points of delivery. Facilities provided by the Company to maintain, protect, upgrade, or improve its overall distribution system (even if necessary due to a customer's load addition) are not considered part of a line extension.
5. "Multifamily installation" means any line extension to a new residential dwelling that will have two or more dwelling units, where each unit has a separate account for electric service.
6. "Permanent" means a) a structure that has a permanently installed pressurized domestic water system and septic/sewer system which complies with local codes/regulations and is approved for use by the respective sanitation jurisdictional authority, or b) a structure that is approved for installation on a foundational support that is either a mortared masonry pier/column configuration, a poured concrete slab, or a poured concrete footer and mortared masonry walls on the perimeter of the structure.
7. "Point of origin" means the point where a line extension under this rule connects with and receives energy from any existing transmission or distribution equipment. The point of origin shall be the nearest practical point to the customers to be served by the line extension at which the appropriate voltage level is available.

(Continued on Sheet No. 3-18)

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TERMS AND CONDITIONS OF SERVICE

8. "Premium service" includes, but is not limited to, customer-requested oversizing of facilities, underground construction, three-phase residential service, and any customer request that is in excess of standard construction and requirements necessary to provide electric service to the customer.

Line Extensions

1. For line extensions to residential single family homes, both individual homes and homes in a development, unless noted otherwise, the following shall apply:
  - a. The Company shall be responsible for all costs, excluding the incremental costs of premium services (the sum of the Company's cost to provide the premium installation minus the Company's cost of a standard, single-phase installation), up to five thousand dollars.
  - b. The customer shall be responsible for the incremental costs of premium services prior to the start of construction.
  - c. The customer shall make arrangements with the Company for the payment of the non-premium line extension costs that exceed five thousand dollars. The Company shall afford the nondeveloper, individual homeowner the option of paying those costs, plus carrying costs, on a prorated monthly basis for up to fifty months.
2. For line extensions to residential, non-master-metered, multifamily installations (two or more units) the following shall apply:
  - a. The Company shall be responsible for all costs, excluding the incremental costs of premium services (the sum of the Company's cost to provide the premium installation minus the Company's cost of a standard, single-phase installation), up to twenty-five hundred dollars per unit.
  - b. The customer shall be responsible for the incremental costs of premium services prior to the start of construction.
  - c. The customer shall make arrangements with the Company for the payment of the non-premium line extension costs that exceed twenty-five hundred dollars per unit.
3. For line extensions to nonresidential customers the following shall apply:
  - a. The Company shall be responsible for sixty per cent of the total cost of the line extension, excluding the incremental costs of premium services (the sum of the Company's cost to provide the premium installation minus the Company's cost to install, in accordance with good utility practice, a standard line extension to the project).
  - b. The customer shall be responsible for forty per cent of the total cost of the line extension plus the incremental costs of premium services prior to the start of construction.

(Continued on Sheet No. 3-19)

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TERMS AND CONDITIONS OF SERVICE

- c. If a substation is required as part of the line extension project to a customer, the customer shall be given the option of building (pursuant to all applicable electrical standards), owning, and maintaining such substation.
4. The payment for premium services and for the cost of residential construction in excess of the limits of five thousand dollars for single-family residences and twenty-five hundred dollars per unit for multifamily residences shall be considered as contribution in aid of construction (CIAC) and shall be grossed-up by the effect of applicable taxes.
5. Costs attributed to land clearance activity, trenching, and backfilling required for the installation of line extension facilities on the customer's property are the responsibility of the customer.
6. All line extensions shall be the property of and shall be operated and maintained by the Company.
7. The Company shall have the right to use any line extension in furnishing service to any applicant located adjacent to such line extension and the further right to construct other extensions from the distribution facilities so constructed.
8. Any customer who paid to the Company a CIAC, other than for premium services, may be entitled to a refund of a portion of the CIAC paid in accordance with the following:
  - a. If any new customer, within fifty months of the completion of a line extension project for which an existing customer has paid to the Company a CIAC, utilizes all or part of the facilities for which the CIAC has been paid, the existing customer who paid the CIAC may be entitled to a refund which represents a pro rata portion of the original CIAC calculated to equitably share the CIAC responsibility for those facilities used in service by both the new and original customer.
  - b. If any new additional customer, within fifty months of the completion of the line extension project for which existing customers have paid to the Company a CIAC, utilizes all or part of the facilities for which a CIAC has been paid, any existing customers who paid the CIAC may also be entitled to a refund.
  - c. Any refunds made under a. or b., above shall be after payment has been received from the new customer.

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OHIO POWER COMPANY

Original Sheet No. 4-1

P.U.C.O. NO. 19

Applicable Riders

Rider Description	Standard Service	Open Access Distribution Service	Sheet No.
Universal Service Fund Rider	Yes	Yes	60-1
KWH Tax Rider	Yes	Yes	62-1
Provider of Last Resort Charge Rider	Yes	Yes	69-1
Electronic Transfer Rider	Yes	Yes	70-1
Transmission Cost Recovery Rider	Yes		75-1
Fuel Adjustment Clause Rider	Yes		80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	Yes	Yes	81-1
Economic Development Cost Recovery Rider	Yes	Yes	82-1
Enhanced Service Reliability Rider	Yes	Yes	83-1
gridSMART® Rider	Yes	Yes	84-1
Environmental Investment Carrying Cost Rider	Yes		85-1
Standard Offer Generation Service Rider	Yes		88-1
Distribution Investment Rider	Yes	Yes	89-1
Generation Resource Rider	Yes	Yes	91-1
Alternative Energy Rider	Yes		92-1
Phase-In Recovery Rider	Yes	Yes	93-1
Market Transition Rider	Yes	Yes	94-1
Generation NERC Compliance Cost Recovery Rider	Yes	Yes	95-1
Facility Closure Cost Recovery Rider	Yes	Yes	96-1
Carbon Capture and Sequestration Rider	Yes	Yes	97-1

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OHIO POWER COMPANY

Original Sheet No. 6-1

P.U.C.O. NO. 19

### Minimum Requirements for Distribution System Interconnection

#### Applicability

This schedule is applicable to any customer with cogeneration, small power production facilities, and/or other on-site facilities producing electrical energy who wishes to operate such facilities in parallel with the Company's distribution system at voltages up to 35 kV. This schedule is not applicable to the interconnection and parallel operation of facilities which the Federal Energy Regulatory Commission has determined to be subject to its jurisdiction. A customer who has a facility that does not qualify for simplified interconnection pursuant to the PUCO's distribution interconnection rules (O.A.C. § 4901:1-22) (Commission Rules) and the Company's technical requirements for interconnection (Technical Requirements), incorporated herein by reference, may negotiate a separate interconnection agreement with the Company and the terms and conditions of this schedule shall apply to such customers to the extent that the negotiated interconnection agreement does not conflict with this schedule.

#### Purpose

The purpose of this schedule is to implement Ohio Revised Code Section 4928.11, which calls for uniform interconnection standards that are not unduly burdensome or expensive and also ensure safety and reliability, to the extent governing authority is not preempted by federal law. This schedule states the terms and conditions that govern the interconnection and parallel operation of a customer's facility with the Company's distribution system.

#### Customer Request For Interconnection

Any customer seeking to physically connect facilities to the Company's distribution system, which facilities may be used in parallel operation with the Company's distribution system, shall file an interconnection application and sign an interconnection agreement with the Company. For facilities for which the referenced Technical Requirements are applicable, the customer and Company shall execute a simplified interconnection agreement. For all other facilities, the customer and the Company shall execute an interconnection agreement which may be different from the simplified agreement, but which shall conform with the provisions of this schedule, to the extent applicable. Copies of all applicable forms and the Company's Technical Requirements are available upon request.

To the extent possible, interconnection to the Company's distribution system shall take place within the following time frames:

1. Where no construction is required by the Company and the facility qualifies for simplified interconnection pursuant to the review procedure contained in the Commission Rules, interconnection shall be permitted within four weeks of the Company's receipt of a completed interconnection application in compliance with the terms and conditions of this schedule. Prior to actual interconnection, the customer must execute the interconnection agreement.

(Continued on Sheet No. 6-2)

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P.U.C.O. NO. 19

Minimum Requirements for Distribution System Interconnection

Customer Request For Interconnection (Cont'd)

2. Where construction or system upgrades of the Company's distribution system are required, the Company shall provide the customer, in a timely fashion, an estimate of the schedule and the customer's cost for the construction or upgrades. If the customer desires to proceed with the construction or upgrades, the customer and the Company shall enter into a contract. The contract shall contain a construction schedule listing target commencement and completion dates, and an estimate of the customer's costs for construction or upgrades. Assuming the customer is ready, the interconnection shall take place no later than two weeks following the completion of such construction or upgrades. The Company shall employ best reasonable efforts to complete such system construction or upgrades in the shortest time reasonably practical.
3. All interconnection applications shall be processed by the Company in a non-discriminatory manner. The Company shall promptly provide the customer a written notice of the Company's receipt of the application. The Company will endeavor to place such notice in the U.S. Mail or respond by Email within three business days after the application has been received by the Company's personnel designated on the application form. The Company shall provide the customer with a copy of the review procedure and a target date for processing the application. If the application is viewed as incomplete, the Company must provide a written notice within 10 days of receipt of the application by the Company's personnel designated on the application form that the application is not complete together with a description of the information needed to complete the application and a statement that processing of the application cannot begin until the information is received. The Company's target date shall permit interconnection in a timely manner pursuant to the requirements of the Commission Rules. Interconnection applications will be processed in the order that they are received. It is recognized that certain interconnection applications may require minor modifications while they are being reviewed by the Company. Such minor modifications to a pending application shall not require that it be considered incomplete and treated as a new or separate application. Minor modifications would not include at least the following: changes in facility size or location; any change requiring a new impact study; or any other substantive change.
4. If the Company determines that it cannot connect the customer's facility within the time frames required by the Commission Rules, the Company will notify the customer in writing of that fact as soon as possible. The notification will identify the reason or reasons the interconnection could not be completed within the time frames stated, and provide an estimated date for completion. This section shall not limit the rights of a customer for relief under Ohio Revised Code Chapter 4905.

(Continued on Sheet No. 6-3)

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P.U.C.O. NO. 19

Minimum Requirements for Distribution System Interconnection

Technical Requirements

The Company shall maintain a copy of the Technical Requirements at its business office such that the Technical Requirements are readily available to the public. The Company shall provide the Commission Staff with a copy of the Technical Requirements. Standards adopted by IEEE shall supersede the applicable provisions of the Company's Technical Requirements effective the date that IEEE adopts such standards. However, any interconnection made or initiated prior to the adoption of any national standard promulgated by IEEE shall not be subject to that standard. Regarding any IEEE minimum standard, or any guideline that the IEEE may promulgate, the Company may amend the Technical Requirements to the minimum extent required to address unique local conditions, and shall provide such amendments to the Staff and make such amendments available to customers. All Technical Requirements, including superseding standards adopted by IEEE, are incorporated herein by reference.

Metering

Any metering installation, testing, or recalibration required by the installation of the customer's generation facilities shall be provided consistent with the Electric Service and Safety Standards pursuant to Ohio Revised Code Chapter 4928, and specifically O.A.C. § 4901:1-10-05 (Metering) and, as applicable, § 4901:1-10-28 (C) (Net Metering).

Liability Insurance

Prior to interconnection with the Company, the customer must provide the Company with proof of insurance or other suitable financial instrument sufficient to meet its construction, operating and liability responsibilities pursuant to this schedule. At no time shall the Company require that the applicant negotiate any policy or renew any policy covering any liability through a particular insurance company, agent, solicitor, or broker. The Company's receipt of evidence of liability insurance does not imply an endorsement of the terms and conditions of the coverage.

System Impact and Facilities Studies

For those facilities that do not qualify for simplified interconnection pursuant to the review procedures included in the Commission Rules, the Company may require a supplemental review, service study, coordination study, facilities study or Company system impact study prior to interconnection. In instances where such studies are required, the scope of such studies shall be based on the characteristics of the particular generation facility to be interconnected and the Company's system at the specific proposed location. By agreement between the Company and the customer, studies related to interconnection of the generation facility may be conducted by a qualified third party. The cost of an impact facilities study performed by the Company shall be included in the costs set forth in the Interconnection Fees section of this schedule. The Company shall provide the customer with a target date for completion of any required system impact or facilities study. Any such study conducted by the Company shall be shared with the customer.

(Continued on Sheet No. 6-4)

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P.U.C.O. NO. 19

Minimum Requirements for Distribution System Interconnection

Interconnection Fees

The Company shall not charge any fees for interconnection other than those authorized by this schedule. Fees contained herein apply to each installation at the Company's distribution voltages up to 35 kV.

The Company shall charge each customer that applies for interconnection service an application fee as set forth in the Commission Rules. Fees for customer applications for interconnection that meet the qualifications for level 1, level 1.1 or level 1.2 simplified review procedures will be based on the actual costs per one-tenth of an hour of time spent by Company personnel on the simplified review. Customer applications for interconnection that meet the qualifications for level 2 expedited review will be subject to an application fee of \$50, plus one dollar per kilowatt of the applicant's system nameplate capacity rating. Interconnection customers whose facilities qualify for level 3 standard review procedures shall pay an application fee of \$100, plus two dollars per kilowatt of the applicant's system nameplate capacity rating.

Level 2 and level 3 interconnection review processes may require that one or more interconnection studies be performed to determine the feasibility, system impact, and cost of safely connecting the customer's generation facilities to the Company's distribution system. As specified in the Commission Rules, the cost of engineering work done as part of any feasibility, system impact or facilities study shall be billed to the customer at the Company's actual cost of performing such study.

Additional Fees

The customer is responsible for all equipment and installation costs of the customer's facility.

The customer shall pay any additional charges, as determined by the Company, for equipment, labor, metering, testing or inspections requested by the customer.

Construction or Upgrade Fees

If the interconnection requires construction or an upgrade of the Company's system which, save for the generation facility would not be required, the Company will assess the customer the actual cost including applicable taxes of such construction or upgrade. Payment terms for such construction or upgrade will be agreed to and specified in the construction contract. The Company and the customer may negotiate for alternatives in order to reduce any costs or taxes applicable thereto.

Resolution of Disputes

The Company or the customer who is a non-mercantile, non-residential customer may seek resolution of any disputes which may arise out of this schedule, including the interconnection and the referenced Technical Requirements in accordance with the Commission Rules.

(Continued on Sheet No. 6-5)

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Minimum Requirements for Distribution System Interconnection

Special Terms and Conditions of Service

This schedule is subject to the Company's Terms and Conditions of Service and all provisions of the standard service schedule under which the customer takes service. If applicable, the customer shall also take the appropriate service under the provisions of Schedule COGEN/SPP, Schedule SBS and/or Schedule NEMS.

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OHIO POWER COMPANY

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P.U.C.O. NO. 19

**SCHEDULE RS**  
**(Residential Service)**

Availability of Service

Available for residential service through one meter to individual residential customers.

Monthly Rate (Schedule Codes 001, 003, 004, 005, 007, 008, 015, 017, 022, 038, 062)

	Generation	Distribution	Total
Customer Charge (\$)	—	3.82	3.82
Energy Charge (¢ per KWH):			
For the first 800 KWH used per month	2.61075	2.35642	4.96717
For all KWH over 800 used per month	2.16278	1.71224	3.87502

Storage Water Heating Provision

Availability of this provision is limited to those customers served under this provision as of December 31, 2000.

If the customer installs a Company approved storage water heating system which consumes electrical energy only during off-peak hours as specified by the Company and stores hot water for use during on-peak hours, the following shall apply:

- (a) For minimum capacity of 80 gallons, the last 250 KWH of use in any month shall be billed at the storage water heating energy charge (Schedule Code 012).
- (b) For minimum capacity of 100 gallons, the last 350 KWH of use in any month shall be billed at the storage water heating energy charge. (Schedule Code 013)
- (c) For minimum capacity of 120 gallons or greater, the last 450 KWH of use in any month shall be billed at the storage water heating energy charge. (Schedule Code 014)

	Generation	Distribution	Total
Storage Water Heating Energy Charge (¢ per KWH)	1.13834	0.03512	1.17346

These provisions, however, shall in no event apply to the first 200 KWH used in any month, which shall be billed in accordance with the Monthly Rate as set forth above.

For the purpose of this provision, the on-peak billing period is defined as 7 a.m. to 9 p.m. local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9 p.m. to 7 a.m. for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

(Continued on Sheet No. 10-2)

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SCHEDULE RS  
(Residential Service)Storage Water Heating Provision (Cont'd)

The Company reserves the right to inspect at all reasonable times the storage water heating system and devices which qualify the residence for service under the Storage Water Heating Provision, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that, in its sole judgment, the availability conditions of this provision are being violated, it may discontinue billing the customer under this provision and commence billing under the standard monthly rate.

Load Management Water Heating Provision (Schedule Code 011)

Availability of this provision is limited to those customers served under this provision as of December 31, 2000.

For residential customers who install a Company approved load management water heating system which consumes electrical energy primarily during off-peak hours specified by the Company and stores hot water for use during on-peak hours, of minimum capacity of 80 gallons, the last 250 KWH of use in any month shall be billed at the load management water heating energy charge.

	Generation	Distribution	Total
Load Management Water Heating Energy Charge (\$ per KWH)	1.13834	0.03512	1.17346

This provision, however, shall in no event apply to the first 200 KWH used in any month, which shall be billed in accordance with the "Monthly Rate" as set forth above.

For the purpose of this provision, the on-peak billing period is defined as 7 a.m. to 9 p.m. local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9 p.m. to 7 a.m. for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

The Company reserves the right to inspect at all reasonable times the load management storage water heating system and devices which qualify the residence for service under the Load Management Water Heating Provision, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that, in its sole judgment, the availability conditions of this provision are being violated, it may discontinue billing the customer under this provision and commence billing under the standard monthly rate.

Minimum Charge

The minimum monthly charge under this schedule shall be the sum of the customer charge and all applicable riders.

(Continued on Sheet No. 10-3)

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P.U.C.O. NO. 19

**SCHEDULE RS**  
**(Residential Service)**

**Payment**

Bills are due and payable in full by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 15 days after the mailing of the bill.

**Applicable Riders**

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders: Commission-approved riders on Sheet Number 4-1.

Rider	Sheet No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1

**Term of Contract**

A written agreement may, at the Company's option, be required.

**Special Terms and Conditions**

This schedule is subject to the Company's Terms and Conditions of Service.

This schedule is available to customers engaged in agricultural enterprises where service is taken through 1 meter for that customer's primary residence, and not more than 100 KW of connected electrical load is outside the residence. This schedule is not extended to operations of a commercial nature or operations such as processing, preparing, or distributing products not raised or produced on the farm, unless such operation is incidental to the usual residential and farm uses.

This schedule is intended for single-phase service. Where the residential customer requests 3-phase service, this schedule will apply if the customer pays to the Company the difference between constructing single-phase and 3-phase service. Where motors or heating equipment are used for commercial or industrial purposes, the applicable general service schedule will apply to such service.

Customers with cogeneration and/or small power production facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978 shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company. All other customers having sources of electrical energy supply other than the Company shall take service under Schedule SBS or Schedule NEMS.

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Joseph Hamrock, President  
AEP Ohio

OHIO POWER COMPANY

1<sup>st</sup> Revised Sheet No. 11-1  
Cancels Original Sheet No. 11-1

P.U.C.O. NO. 19

**SCHEDULE RS-ES**  
**(Residential Energy Storage)**

Availability of Service

Available to residential customers who use energy storage devices with time-differentiated load characteristics approved by the Company, such as electric thermal storage space heating and/or cooling systems and water heaters which consume electrical energy only during off-peak hours specified by the Company and store energy for use during on-peak hours.

Households eligible to be served under this schedule shall be metered through 1 single-phase multiple-register meter capable of measuring electrical energy consumption during the on-peak and off-peak billing periods.

Monthly Rate (Schedule Code 032)

	Generation	Distribution	Total
Customer Charge (\$)	—	7.84	7.84
Energy Charge (¢ per KWH):			
For all KWH used during the on-peak Billing period	4.13216	4.79974	8.93190
For all KWH used during the off-peak Billing period	1.13834	0.03512	1.17346

On-Peak and Off-Peak Hours

For the purpose of this schedule, the on-peak billing period is defined as 7 a.m. to 9 p.m. local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9 p.m. to 7 a.m. for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Conservation and Load Management Credit

For the combination of an approved electric thermal storage space heating and/or cooling system and water heater, all of which are designed to consume electrical energy only during the off-peak billing period as previously described in this schedule, each residence will be credited the conservation and load management energy credit for all KWH used during the off-peak billing period, for a total of 60 monthly billing periods following the installation and use of these devices in such residence. the conservation and load management credit is applicable only to customers receiving such credit prior to March 23, 1995.

	Generation	Distribution	Total
Conservation and Load Management Energy Credit (¢ per KWH)	1.55082	—	1.55082

(Continued on Sheet No. 11-2)

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## P.U.C.O. NO. 19

SCHEDULE RS-ES  
(Residential Energy Storage)Minimum Charge

The minimum monthly charge under this schedule shall be the sum of the customer charge and all applicable riders.

Separate Metering

Customers shall have the option of receiving service under Schedule RS for their general-use load by separately wiring such load to a standard residential meter. The distribution service charge for the separate meter shall be \$1.05 per customer per month.

Payment

Bills are due and payable in full by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 15 days after the mailing of the bill.

Applicable Riders

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders: Commission-approved riders on Sheet Number 4-1.

Rider	Sheet No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
Environmental Investment Carrying Cost Rider	85-1

Term of Contract

A written agreement may, at the Company's option, be required.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Service.

The Company reserves the right to inspect at all reasonable times the energy storage devices which qualify the residence for service and for conservation and load management credits under this schedule, and to ascertain by any reasonable means that the time-differentiated load characteristics of such devices meet the Company's specifications. If the Company finds that, in its sole judgment, the availability conditions of this schedule are being violated, it may discontinue billing the customer under this schedule and commence billing under the appropriate residential service schedule.

(Continued on Sheet No. 11-3)

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**SCHEDULE RS-ES  
(Residential Energy Storage)****Special Terms and Conditions (Cont'd)**

This schedule is available to customers engaged in agricultural enterprises where service is taken through 1 meter for that customer's primary residence, and not more than 100 KW of connected electrical load is outside the residence. This schedule is not extended to operations of a commercial nature or operations such as processing, preparing, or distributing products not raised or produced on the farm, unless such operation is incidental to the usual residential and farm uses.

This schedule is intended for single-phase service. Where the residential customer requests 3-phase service, this schedule will apply if the customer pays to the Company the difference between constructing single-phase and 3-phase service. Where motors or heating equipment are used for commercial or industrial purposes, the applicable general service schedule will apply to such service.

Customers with cogeneration and/or small power production facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978 shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company. All other customers having sources of electrical energy supply other than the Company shall take service under Schedule SBS or Schedule NEMS.

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1<sup>st</sup> Revised Sheet No. 12-1  
Cancels Original Sheet No. 12-1

P.U.C.O. NO. 19

**SCHEDULE RS-TOD**  
**(Residential Time-of-Day Service)**

Availability of Service

Available for residential service through one single-phase multiple-register meter capable of measuring electrical energy consumption during the on-peak and off-peak billing periods to individual residential customers. Availability is limited to the first 1,000 customers applying for service under this schedule.

Monthly Rate (Schedule Codes 030, 034)

	Generation	Distribution	Total
Customer Charge (\$)	—	7.64	7.64
Energy Charge (¢ per KWH):			
For all KWH used during the on-peak billing period	4.13246	4.79974	8.93190
For all KWH used during the off-peak billing period	1.13834	0.03512	1.17346

On-Peak and Off-Peak Hours

For the purpose of this schedule, the on-peak billing period is defined as 7 a.m. to 9 p.m. local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9 p.m. to 7 a.m. for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Minimum Charge

The minimum monthly charge under this schedule shall be the sum of the customer charge and all applicable riders.

Payment

Bills are due and payable in full by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 15 days after the mailing of the bill.

Applicable Riders

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders: Commission-approved riders on Sheet Number 4-1.

(Continued on Sheet No. 12-2)

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## P.U.C.O. NO. 19

SCHEDULE RS-TOD  
(Residential Time-of-Day Service)Applicable Riders (Cont'd)

Rider	Sheet No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
Environmental Investment Carrying Cost Rider	85-1

Term of Contract

A written agreement may, at the Company's option, be required.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Service.

This schedule is available to customers engaged in agricultural enterprises where service is taken through 1 meter for that customer's primary residence, and not more than 100 KW of connected electrical load is outside the residence. This schedule is not extended to operations of a commercial nature or operations such as processing, preparing, or distributing products not raised or produced on the farm, unless such operation is incidental to the usual residential and farm uses.

This schedule is intended for single-phase service. Where the residential customer requests 3-phase service, this schedule will apply if the customer pays to the Company the difference between constructing single-phase and 3-phase service. Where motors or heating equipment are used for commercial or industrial purposes, the applicable general service schedule will apply to such service.

Customers with cogeneration and/or small power production facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978 shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company. All other customers having sources of electrical energy supply other than the Company shall take service under Schedule SBS or Schedule NEMS.

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## P.U.C.O. NO. 19

SCHEDULE RDMS  
(Residential Demand Metered Service)Availability of Service

This schedule is available, subject to the availability of appropriate metering facilities and reasonable installation schedules, for full residential single-phase electric service through one delivery point to individual residential customers whose residences have permanently installed electric space heating devices which supply over 70 percent of the space heating requirements of the residence.

This schedule provides an incentive for electric heating customers to utilize electric service in a manner that minimizes the rate of use during the Company's on-peak billing period.

A customer selecting this schedule shall agree to be served thereunder for an initial period of 12 months and to pay to the Company in 9 monthly installments of \$25 each, the sum of \$225 toward the distribution cost of purchasing and installing the special metering required. All metering equipment shall remain the property of the Company, which shall be responsible for its installation, operation, maintenance, testing, replacement and removal. A customer served hereunder who moves from one residence to another residence served by the Company and selects this schedule at the second residence shall not be required to pay again for the metering.

Monthly Rate (Schedule Code 019)

	Generation	Distribution	Total
Customer Charge (\$)	—	10.02	10.02
Energy Charge (\$ per KWH):			
For all those KWH used during the month in excess of 400 times the monthly billing demand	4.80170	0.03512	4.82682
For those KWH used during the on-peak billing period:			
For the first 500 KWH	2.36369	3.04549	5.40908
For all over 500 KWH	1.76024	2.44702	4.20723
For all additional KWH used during the month	0.53584	1.23258	1.76842

On-Peak and Off-Peak Hours

For the purpose of this schedule, the on-peak billing period is defined as 7 a.m. to 9 p.m. local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9 p.m. to 7 a.m. for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Minimum Charge

The minimum monthly charge under this schedule shall be the sum of the customer charge and all applicable riders.

(Continued on Sheet No. 13-2)

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P.U.C.O. NO. 19

**SCHEDULE RDMS**  
(Residential Demand Metered Service)Monthly Billing Demand

Monthly billing demand is the number of kilowatts determined by dividing the number of kilowatt-hours used during the on-peak period in the month by the number of hours in such period.

Payment

Bills are due and payable in full by mail, checkless payment plan, electronic payment plan or at an authorized payment agent of the Company within 15 days after the mailing of the bill.

Applicable Riders

Monthly Charges computed under this schedule shall be adjusted in accordance with the following applicable riders: Commission-approved riders on Sheet Number 4-1.

Rider	Sheet No.
Universal Service Fund Rider	60-1
Advanced Energy Fund Rider	61-1
KWH Tax Rider	62-1
Provider of Last Resort Charge Rider	69-1
Transmission Cost Recovery Rider	75-1
Fuel Adjustment Clause Rider	80-1
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider	81-1
Economic Development Cost Recovery Rider	82-1
Enhanced Service Reliability Rider	83-1
Environmental Investment Carrying Cost Rider	85-1

Term of Contract

A written agreement may, at the Company's option, be required.

Special Terms and Conditions

This schedule is subject to the Company's Terms and Conditions of Service.

This schedule is available to customers engaged in agricultural enterprises where service is taken through 1 meter for that customer's primary residence, and not more than 100 KW of connected electrical load is outside the residence. This schedule is not extended to operations of a commercial nature or operations such as processing, preparing, or distributing products not raised or produced on the farm, unless such operation is incidental to the usual residential and farm uses.

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P.U.C.O. NO. 19

**SCHEDULE RDMS**  
**(Residential Demand Metered Service)**

**Special Terms and Conditions (Cont'd)**

This schedule is intended for single-phase service. Where the residential customer requests 3-phase service, this schedule will apply if the customer pays to the Company the difference between constructing single-phase and 3-phase service. Where motors or heating equipment are used for commercial or industrial purposes, the applicable general service schedule will apply to such service.

Customers with cogeneration and/or small power production facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978 shall take service under Schedule COGEN/SPP, Schedule NEMS, or by special agreement with the Company. All other customers having sources of electrical energy supply other than the Company shall take service under Schedule SBS or Schedule NEMS.

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